

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

**AMENDMENT NO. 1
TO
FORM S-1
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933**

Aeglea BioTherapeutics, Inc.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

46-4312787
(I.R.S. Employer
Identification No.)

**221 Crescent Street
Building 23, Suite 105
Waltham, MA 02453
(617) 651-5940**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

**Heidy King-Jones
Chief Legal Officer and Corporate Secretary
Aeglea BioTherapeutics, Inc.
221 Crescent Street
Building 23, Suite 105
Waltham, MA 02453
(617) 651-5940**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

**Ryan A. Murr
Branden C. Berns
Gibson, Dunn & Crutcher LLP
555 Mission Street, Suite 3000
San Francisco, California 94105
(415) 393-8373**

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this Registration Statement.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box. ☒

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	☐	Accelerated filer	☐
Non-accelerated filer	☒	Smaller reporting company	☒
		Emerging growth company	☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. ☐

The Registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment that specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until this registration statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

EXPLANATORY NOTE

This Amendment No. 1 to Form S-1 (this “Amendment”) amends the registration statement of Aeglea BioTherapeutics, Inc. (“Aeglea,” the “Company,” “we” or “our”) on Form S-3 as originally filed with the Securities and Exchange Commission (the “SEC”) on August 7, 2023 (Registration No. 333-273769) (the “Registration Statement”), and as amended by the Pre-Effective Amendment No. 1 to Form S-3 on Form S-1 to convert the Registration Statement into a registration statement on Form S-1 (the “Original Form S-1”) filed on October 6, 2023.

This Amendment is being filed to, among other reasons: (i) remove all incorporation by reference from the Original Form S-1 and file a complete prospectus, (ii) remove as selling stockholders all former affiliates of Spyre Therapeutics, Inc., and (iii) update the Original Form S-1 with information in our latest Quarterly Report on Form 10-Q for the quarter ended September 30, 2023 filed with the SEC on November 9, 2023.

This Amendment should be read in conjunction with the Original Form S-1 and our other filings made with the SEC subsequent to filing of the Original Form S-1.

The information in this prospectus is not complete and may be changed. The selling stockholders named in this prospectus may not sell these securities until the registration statement filed with the Securities and Exchange Commission (the “SEC”) is effective. This prospectus is not an offer to sell these securities, and it is not soliciting an offer to buy these securities, in any jurisdiction where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED NOVEMBER 15, 2023

PRELIMINARY PROSPECTUS



Aeglea BioTherapeutics, Inc.

18,809,064 Shares

Common Stock

Offered by the Selling Stockholders

This prospectus relates to the proposed resale or other disposition by the selling stockholders identified herein (the “Selling Stockholders”) of up to (i) 8,864 shares (the “Merger Common Shares”) of our common stock, par value \$0.0001 per share (“Common Stock”), (ii) 248,560 shares of Common Stock (the “Merger Conversion Shares”) issuable upon the conversion of 6,214 shares (“Merger Preferred Shares”) of our Series A Preferred Stock, par value \$0.0001 per share (the “Series A Preferred Stock”), and (iii) 18,551,640 shares of Common Stock (the “Private Placement Conversion Shares”) issuable upon the conversion of 463,791 shares (the “Private Placement Preferred Shares”) of Series A Preferred Stock. Subject to receiving the requisite stockholder approval and certain beneficial ownership limitations set by each preferred stockholder, each share of Series A Preferred Stock will automatically convert upon the requisite stockholder approval into an aggregate of approximately 40 shares of Common Stock. The shares of Common Stock registered by this prospectus are referred to herein as the “Resale Shares.”

The Merger Common Shares and Merger Preferred Shares were issued and sold to former stockholders of Spyre Therapeutics, Inc., a Delaware corporation (“Spyre”), in connection with our acquisition (the “Asset Acquisition”) of Spyre, which closed on June 22, 2023. The Private Placement Preferred Shares were issued and sold to accredited investors in a private placement (the “PIPE” and, together with the Asset Acquisition, the “Transactions”), which closed on June 26, 2023. We are not selling any Resale Shares under this prospectus and will not receive any of the proceeds from the sale or other disposition of Resale Shares by the Selling Stockholders.

The Selling Stockholders may sell the Resale Shares on any national securities exchange or quotation service on which the securities may be listed or quoted at the time of sale, on the over-the-counter market, in one or more transactions otherwise than on these exchanges or systems, such as privately negotiated transactions, or using a combination of these methods, and at fixed prices, at prevailing market prices at the time of the sale, at varying prices determined at the time of sale, or at negotiated prices. See the disclosure under the heading “Plan of Distribution” elsewhere in this prospectus for more information about how the Selling Stockholders may sell or otherwise dispose of their Resale Shares hereunder.

The Selling Stockholders may sell any, all or none of the securities offered by this prospectus and we do not know when or in what amount the Selling Stockholders may sell their Resale Shares hereunder following the effective date of the registration statement of which this prospectus forms a part.

You should carefully read this prospectus and any applicable prospectus supplement before you invest in any of the securities being offered.

Our Common Stock is traded on The Nasdaq Capital Market under the symbol “AGLE.” On November 14, 2023, the last reported sale price for our Common Stock was \$10.40 per share.

An investment in our securities involves a high degree of risk. You should carefully consider the information under the heading “[Risk Factors](#)” beginning on page 9 of this prospectus and any applicable prospectus supplement.

We are a “smaller reporting company” as defined by Rule 12b-2 of the Exchange Act and are subject to reduced public company reporting requirements.

Neither the SEC nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2023

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the SEC using a “shelf” registration process. Under this shelf registration process, the Selling Stockholders may, from time to time, sell the securities described in this prospectus in one or more offerings.

This prospectus contains information that you should consider when making your investment decision. Neither we, nor the Selling Stockholders, have authorized anyone to give any information or to make any representation other than those contained in this prospectus. The Selling Stockholders are offering to sell, and seeking offers to buy, our securities only in jurisdictions where it is lawful to do so. We have not authorized anyone to provide you with different information. This prospectus and any accompanying prospectus supplement do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the securities described in any accompanying prospectus supplement or an offer to sell or the solicitation of an offer to buy such securities in any circumstances in which such offer or solicitation is unlawful. You should assume that the information appearing in this prospectus, any prospectus supplement and any related free writing prospectus is accurate only as of their respective dates. Our business, financial condition, results of operations and prospects may have changed materially since those dates.

In this prospectus, unless the context otherwise requires, the terms “Aeglea,” the “Company,” “we,” “us,” and “our” refer to Aeglea BioTherapeutics, Inc., a Delaware corporation, and its consolidated subsidiaries.

This prospectus contains trade names, trademarks and service marks of others, which are the property of their respective owners. Solely for convenience, trademarks and trade names referred to in this prospectus may appear without the ® or TM symbols.

All references to “our product candidates,” “our programs” and “our pipeline” in this prospectus refer to the research programs with respect to which we have exercised the option to acquire intellectual property license rights to or have the option to acquire intellectual property license rights to pursuant to that certain antibody discovery and option agreement, dated May 25, 2023 and subsequently amended and restated on September 29, 2023, by and among Spyre Therapeutics, LLC, Paragon Therapeutics, Inc. (“Paragon”) and Parapyre Holding LLC (“Parapyre”) (the “Paragon Agreement”).

Please be advised that on September 8, 2023, we effected a reverse stock split of our Common Stock at a ratio of 1-for-25 (the “Reverse Split”). Except as indicated otherwise, all share numbers related to our Common Stock disclosed in this prospectus have been adjusted on a post-Reverse Split basis.

CAUTIONARY STATEMENT CONCERNING FORWARD-LOOKING STATEMENTS

This prospectus contains “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). These forward-looking statements involve a number of risks and uncertainties. We caution readers that any forward-looking statement is not a guarantee of future performance and that actual results could differ materially from those contained in the forward-looking statement. These statements are based on current expectations of future events.

All statements, other than statements of historical facts contained in this prospectus, including, without limitation, statements regarding: stockholder approval of the conversion rights of the Series A Preferred Stock; any future payouts under the CVR (as defined herein); our ability to achieve the expected benefits or opportunities and related timing with respect to our acquisition of Spyre or to monetize any of our legacy assets, our future results of operations and financial position, business strategy, the length of time that we believe our existing cash resources will fund our operations, our market size, our potential growth opportunities, our preclinical and future clinical development activities, the efficacy and safety profile of our product candidates, the potential therapeutic benefits and economic value of our product candidates, the timing and results of preclinical studies and clinical trials, the expected impact of macroeconomic conditions, including inflation, increasing interest rates and volatile market conditions, current or potential bank failures, as well as global events, including the ongoing military conflict in Ukraine, conflict in Israel and surrounding areas, and geopolitical tensions in China on our operations, and the receipt and timing of potential regulatory designations, approvals and commercialization of product candidates. Forward-looking statements generally relate to future events or our future financial or operating performance. Forward-looking statements generally relate to future events or our future financial or operating performance. The words “believe,” “may,” “will,” “potentially,” “estimate,” “continue,” “anticipate,” “predict,” “target,” “intend,” “could,” “would,” “should,” “project,” “plan,” “expect,” and similar expressions that convey uncertainty of future events or outcomes are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words.

These forward-looking statements are subject to a number of risks, uncertainties and assumptions. Moreover, we operate in a very competitive and rapidly changing environment, and new risks emerge from time to time. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. Factors that might cause such a difference are disclosed in the sections titled “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations.” You should evaluate all forward-looking statements made in this prospectus in the context of these risks and uncertainties. We caution you that the risks, uncertainties and other factors referred to in this prospectus may not contain all of the risks, uncertainties and other factors that may affect our future results and operations.

In addition, statements that “we believe” and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based on information available to us as of the date of this prospectus. While we believe that such information provides a reasonable basis for these statements, such information may be limited or incomplete. Our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all relevant information. These statements are inherently uncertain, and investors are cautioned not to unduly rely on these statements.

All subsequent written or oral forward-looking statements attributable to us or any person acting on our behalf are expressly qualified in their entirety by the cautionary statements contained or referred to in this section. We do not undertake any obligation to release publicly any revisions to these forward-looking statements to reflect events or circumstances after the date of this prospectus or to reflect the occurrence of unanticipated events, except as may be required under applicable U.S. securities laws. If we do update one or more forward-looking statements, no inference should be drawn that we will make additional updates with respect to those or other forward-looking statements.

PROSPECTUS SUMMARY

This summary may not contain all the information that you should consider before investing in securities. You should read the entire prospectus carefully, including the sections titled “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” and our consolidated financial statements and the related notes included elsewhere in this prospectus, before making an investment decision.

Company Overview

On June 22, 2023, we completed the Asset Acquisition pursuant to the Acquisition Agreement (as defined under the section titled “Recent Developments” below). Spyre is a pre-clinical stage biotechnology company that was incorporated on April 28, 2023 under the direction of Peter Harwin, a Managing Member of Fairmount Funds Management LLC (“Fairmount”), for the purpose of holding rights to certain intellectual property being developed by Paragon. Fairmount is a founder of Paragon.

Through the Asset Acquisition, we received the option to acquire the intellectual property rights related to four research programs (collectively, the “Option”) pursuant to the Paragon Agreement. On July 12, 2023, we exercised the Option with respect to one of these research programs to exclusively license intellectual property rights related to such research program directed to antibodies that selectively bind to α4β7 integrin and methods of using these antibodies, including methods of treating IBD using the SPY001 program. If this research program is pursued non-provisionally and matures into issued patents, we would expect those patents to expire no earlier than 2044 subject to any disclaimers or extensions. The license agreement pertaining to such research program is currently being finalized. Furthermore, as of the date of this registration statement, the Option remains unexercised with respect to the intellectual property rights related to the three remaining research programs under the Paragon Agreement. For more information on the Paragon Agreement, see discussion under the heading “Paragon Agreement” below.

On July 27, 2023, we announced that we entered into an agreement to sell the global rights to pegzilarginase, an investigational treatment for the rare metabolic disease Arginase 1 Deficiency, to Immedica Pharma AB (“Immedica”) for \$15.0 million in upfront cash proceeds and up to \$100.0 million in contingent milestone payments (the “Immedica APA”). The sale of pegzilarginase to Immedica supersedes and terminates the license agreement between us and Immedica dated March 2021. See the section titled “Recent Developments” below for more information regarding the Immedica APA.

Following the Asset Acquisition and the entry into the Immedica APA, we have significantly reshaped the business into a preclinical stage biotechnology company focused on developing next generation therapeutics for patients living with inflammatory bowel disease (“IBD”), including ulcerative colitis (“UC”) and Crohn’s disease (“CD”). Through the Paragon Agreement, our portfolio of novel and proprietary monoclonal antibody product candidates has the potential to address unmet needs in IBD care by improving efficacy, safety, and/or dosing convenience relative to products currently available or product candidates in development. We have purposely engineered our product candidates to bind potently and selectively to target epitopes with extended half-lives. We plan to use combinations of our proprietary antibodies and patient enrichment strategies via companion diagnostics to enhance efficacy. We intend to deliver our product candidates through convenient, infrequently self-administered, subcutaneous (“SC”) injection as a pre-filled pen.

Recent Developments

On September 8th, 2023, we effected the Reverse Split, which resulted in the reverse split of our Common Stock at a ratio of 1-for-25. Readers should note that, except as indicated otherwise, all share numbers related to our Common Stock disclosed in this “Recent Developments” section have been adjusted on a post-Reverse Split basis.

On June 22, 2023, we acquired in accordance with the terms of the Agreement and Plan of Merger (the “Acquisition Agreement”), by and among the Company, Aspen Merger Sub I, Inc., a Delaware corporation and a wholly owned subsidiary of the Company, Sequoia Merger Sub II, LLC, a Delaware limited liability company and wholly owned subsidiary of the Company, and Spyre, the assets of Spyre, a privately held biotechnology company advancing a pipeline of antibody therapeutics through the Paragon Agreement. Spyre was incorporated on April 28, 2023, for the purpose of holding rights to certain intellectual property being developed by Paragon.

The Asset Acquisition was structured as a stock-for-stock transaction pursuant to which all of Spyre’s outstanding equity interests were exchanged based on a fixed exchange ratio of 0.5494488 to 1 for consideration from Aeglea of 517,809 shares of Common Stock and 364,887 shares of Series A Preferred Stock (convertible on a 40 to 1 basis) in addition to the assumption of outstanding and unexercised stock options to purchase 2,734 shares of Common Stock from the Amended and Restated Spyre 2023 Equity Incentive Plan. The Common Stock and the Series A Preferred Stock related to the Asset Acquisition were issued to Spyre stockholders on July 7, 2023.

Concurrently with the Asset Acquisition, we entered into a definitive agreement (the “Securities Purchase Agreement”) for a PIPE investment with existing and new investors (the “Investors”) to raise approximately \$210 million in which the Investors were issued 721,452 shares of Series A Preferred Stock at a price of \$291.08 per share. The Asset Acquisition was approved by our board of directors and the board of directors and stockholders of Spyre. The closings of the Transactions were not subject to the approval of Aeglea stockholders. Subject to Aeglea stockholder approval and certain beneficial ownership limitations set by each holder, each share of Series A Preferred Stock will automatically convert into 40 shares of Common Stock. We have filed a definitive proxy statement with the SEC to solicit such stockholder approval, among other matters, at a special meeting of Aeglea stockholders. Except as otherwise required by law (e.g. voting on a change to the authorized shares of Series A Non-Voting Preferred Stock or the rights of such shares as required by Delaware General Corporation Law) and Aeglea’s Certificate of Designation of Series A Non-Voting Convertible Preferred Stock (the “Certificate of Designation”), the Series A Preferred Stock does not have voting rights.

In connection with the execution of the Acquisition Agreement, Aeglea and Spyre entered into stockholder support agreements (the “Support Agreements”) with certain of Aeglea’s officers and directors, which collectively own an aggregate of less than 1% of the outstanding shares of the Common Stock. The Support Agreements provide that, among other things, each of the parties thereto has agreed to vote or cause to be voted all of the shares of Common Stock owned by such stockholder in favor of the approval of the conversion of shares of the Series A Preferred Stock into shares of Common Stock in accordance with Nasdaq Stock Market Rules at Aeglea’s stockholders’ meeting to be held in connection therewith.

Concurrently and in connection with the execution of the Acquisition Agreement, certain Spyre stockholders as of immediately prior to the Asset Acquisition, and certain of the directors and officers of Aeglea as of immediately prior to the Asset Acquisition entered into lock-up agreements with Aeglea and Spyre, pursuant to which each such stockholder will be subject to a 180-day lockup on the sale or transfer of shares of Common Stock held by each such stockholder at the closing of the Asset Acquisition, including those shares received by such Spyre stockholders in the Asset Acquisition.

In connection with the Asset Acquisition, a non-transferrable contingent value right (a “CVR”) was distributed to Aeglea stockholders of record as of the close of business on July 3, 2023, but was not distributed to holders of

shares of Common Stock or Series A Preferred Stock issued to the Investors or former stockholders of Spyre in connection with the Transactions. Holders of the CVRs will be entitled to receive cash payments from proceeds received by Aeglea for a three-year period, if any, related to the disposition or monetization of its legacy assets for a period of one year following the closing of the Asset Acquisition.

On July 27, 2023, we announced that we entered the Immedica APA. The sale of pegzilarginase to Immedica supersedes and terminates the license agreement between the us and Immedica dated March 2021.

The milestone payments under the Immedica APA are contingent on formal reimbursement decisions by national authorities in key European markets and pegzilarginase approval by the United States Food and Drug Administration (the “FDA”), among other events. The upfront payment and contingent milestone payments if paid, net of expenses and adjustments, will be distributed to holders of Aeglea’s CVR pursuant to the CVR Agreement that was entered into in connection with the Asset Acquisition.

Corporation Information

We were formed as a limited liability company under the laws of the State of Delaware in December 2013 and converted to a Delaware corporation in March 2015. On June 22, 2023, we completed the Asset Acquisition, pursuant to which all of Spyre’s outstanding equity interests were exchanged based on a fixed exchange ratio of 0.5494488 to 1 for consideration from Aeglea of 517,809 shares of Common Stock and 364,887 shares of Series A Preferred Stock in addition to the assumption of outstanding and unexercised stock options to purchase 2,734 shares of Common Stock from the Amended and Restated Spyre 2023 Equity Incentive Plan. Our principal executive offices are located at 221 Crescent Street, Building 23, Suite 105, Waltham, MA 02453, and our telephone number is (617) 651-5940.

On September 8, 2023, we effected a reverse stock split of our Common Stock at a ratio of 1-for-25. Except as indicated otherwise, all share numbers related to our Common Stock disclosed in this prospectus have been adjusted on a post-Reverse Split basis.

Implications of Being a Smaller Reporting Company

We are a “smaller reporting company,” meaning that the market value of our Common Stock held by non-affiliates is less than \$700.0 million and our annual revenue is less than \$100.0 million during the most recently completed fiscal year. We may continue to be a smaller reporting company after this offering if either (i) the market value of our Common Stock held by non-affiliates is less than \$250.0 million or (ii) our annual revenue is less than \$100.0 million during the most recently completed fiscal year and the market value of our Common Stock held by non-affiliates is less than \$700.0 million. As a smaller reporting company we may choose to present only the two most recent fiscal years of audited financial statements in our Annual Report on Form 10-K and smaller reporting companies have reduced disclosure obligations regarding executive compensation.

The Offering

Shares Offered by the Selling Securityholders	Up to (i) 8,864 shares of Common Stock, (ii) 248,560 shares of Common Stock issuable upon the conversion of 6,214 shares of Series A Preferred Stock, and (iii) 18,551,640 shares of Common Stock issuable upon the conversion of 463,791 shares of Series A Preferred Stock.
Terms of the Offering	The selling securityholders will determine when and how they will dispose of the shares of Common Stock and shares of Common Stock issuable upon conversion of Series A Preferred Stock registered under this prospectus for resale.
Shares Outstanding	As of November 9, 2023, there were 4,048,927 shares of our Common Stock and 1,086,339 shares of Series A Preferred Stock outstanding.
Use of Proceeds	We will not receive any proceeds from the sale of the Resale Shares offered by the Selling Stockholders under this prospectus. The net proceeds from the sale of the Resale Shares offered by this prospectus will be received by the Selling Stockholders. See the section titled “Use of Proceeds.”
Risk Factors	See the section titled “Risk Factors” and other information included in this prospectus for a discussion of factors that you should consider carefully before deciding to invest in our securities.
Trading Markets and Ticker Symbols	Our Common Stock is listed on The Nasdaq Capital Market under the symbol “AGLE.”

The number of issued and outstanding shares of Common Stock does not include the following, as of November 9, 2023:

- 43,453,560 shares of Common Stock issuable upon the conversion of 1,086,339 shares of Series A Preferred Stock;
- 3,029 shares of Common Stock reserved for issuance under our 2015 Equity Incentive Plan;
- 487,426 shares of Common Stock reserved for issuance under our 2016 Equity Incentive Plan, as amended and restated;
- 2,283,709 shares of Common Stock reserved for issuance upon the exercise of stock options issued contingent upon stockholder approval of an amendment and restatement of the 2016 Equity Incentive Plan;
- 6,044,000 shares of Common Stock reserved for issuance under our 2018 Equity Inducement Plan, as amended;
- 72,404 shares of Common Stock reserved for issuance pursuant to our 2016 Employee Stock Purchase Plan;
- 250,000 shares of Common Stock reserved for issuance upon the exercise of 250,000 pre-funded warrants to acquire shares of Common Stock; and
- 121,871 shares of Common Stock reserved for issuance under the Spyre 2023 Equity Incentive Plan, as amended and assumed by us.

Except as indicated otherwise, all share numbers related to our Common Stock disclosed in this prospectus have been adjusted on a post-Reverse Split basis.

For additional information concerning the offering, see the section titled “Plan of Distribution.”

RISK FACTOR SUMMARY

The following summarizes the principal factors that make an investment in the Company speculative or risky, all of which are more fully described in the Risk Factors section below. This summary should be read in conjunction with the Risk Factors section and should not be relied upon as an exhaustive summary of the material risks facing our business. The occurrence of any of these risks could harm our business, financial condition, results of operations and/or growth prospects or cause our actual results to differ materially from those contained in forward-looking statements we have made in this prospectus and those we may make from time to time. You should consider all of the risk factors described in our public filings when evaluating our business.

Risks Related to Our Financial Condition and Capital Requirements

- There is no guarantee that our acquisition of Spyre will increase stockholder value.
- We will not be able to continue as a going concern if we are unable to raise additional capital when needed.
- We have never generated any revenue from product sales and may never be profitable.
- We anticipate that we will continue to incur significant losses for the foreseeable future.
- We may not be able to raise the capital that we need to support our business plans and raising additional capital may cause dilution to our stockholders and restrict our operations.

Risks Related to the Discovery, Development and Commercialization

- We face competition from companies that have developed or may develop competing programs.
- Our programs are in preclinical stages of development and may fail in development or suffer delays.
- We are substantially dependent on the success of the SPY001 and SPY002 programs.
- We may fail to achieve our projected development goals in the time frames we announce and expect.
- We may not be successful in our efforts to build a pipeline of programs with commercial value.
- Our studies and trials may not be sufficient to support regulatory approval of any of our programs.
- We may encounter difficulties enrolling patients in our future clinical trials.
- Preliminary or “topline” data from our clinical trials may change as more data becomes available.
- Our future clinical trials may reveal significant adverse events or side effects.
- We may fail to capitalize on more profitable or potentially successful programs than those we pursue.
- Any of our future approved products may not achieve regulatory approval, market acceptance or commercial success.
- Certain of our programs may compete with our other programs.
- The FDA may not accept data from clinical trials we conduct at sites outside the United States.

Risks Related to Government Regulation

- FDA and comparable foreign regulatory approval processes are lengthy and time-consuming and we may not be able to obtain or may be delayed in obtaining regulatory approvals for our programs.
- We may not be able to meet requirements for chemistry, manufacturing and control of our programs.
- Our programs may face competition sooner than anticipated.
- Even if we receive regulatory approval, we will be subject to extensive ongoing regulatory obligations.
- We may face difficulties from healthcare legislative reform measures.
- Our operations and arrangements with third-parties are subject to healthcare regulatory laws.
- We may be unable to offer programs at competitive prices.
- We may face criminal liability or other consequences for violations of U.S. and foreign trade regulations.
- Foreign governments may impose strict price controls, which may adversely affect our revenue.
- Any Fast Track Designation we may pursue may not hasten development or regulatory review.

Risks Related to Our Intellectual Property

- Our ability to protect our patents and other proprietary rights is uncertain.
- We may fail in obtaining or maintaining necessary rights to our programs.
- We may be subject to patent infringement claims or may need to file such claims.
- We may be subject to claims of wrongful hiring of employees or wrongful use of confidential information.
- Our patents and our ability to protect our products may be impaired by changes to patent laws.
- Our patent protection could be reduced or eliminated for non-compliance with regulatory requirements.
- We may fail to identify or interpret relevant third-party patents.
- We may become subject to claims challenging the inventorship or ownership of our intellectual property.
- Patent terms may be inadequate to protect our competitive position of our programs.
- Our technology licensed from various third parties may be subject to retained rights.

Risks Related to Our Reliance on Third Parties

- We may fail to maintain collaborations and licensing arrangements with third parties that we rely on.
- Third-parties we rely on for preclinical studies and clinical trials may fail to carry out their contractual duties.
- We may be unable to use third-party manufacturing sites or our third-party manufacturers may encounter difficulties in production.

Risks Related to Employee Matters, Managing Growth and Other Risks Related to Our Business

- We may experience difficulties in managing the growth of our organization.
- We may fail to attract or retain highly qualified personnel.
- Our ability to operate in foreign markets is subject to regulatory burdens, risks and uncertainties.
- Our employees or third-parties may engage in misconduct or other improper activities.
- We may be impacted by security or data breaches or other improper access to our data.
- Our ability to use our net operating loss carryforwards and certain other tax attributes may be limited.
- We may fail to comply with privacy and data security regulations.
- We may fail to comply with environmental, health and safety laws and regulations.
- We may be subject to adverse legislative or regulatory tax changes.
- We may fail to realize the benefits of our business or product acquisitions or our strategic alliances.
- We may be impacted by the failure of financial institutions.

Risks Related to Our Common Stock

- We may fail to obtain stockholder approval of the conversion of our Series A Preferred Stock.
- Our certificate of incorporation, Delaware law and certain contracts include anti-takeover provisions.
- Our certificate of incorporation and bylaws contain exclusive forum provisions.
- We do not anticipate paying any dividends in the foreseeable future.
- Future sales of shares by existing stockholders could cause our stock price to decline.
- Future sales and issuances of equity and debt could result in additional dilution to our stockholders.
- Our principal stockholders own a significant percentage of our stock.

General Risk Factors

- The market price of our Common Stock has historically been volatile and may drop in the future.
- We incur significant costs as associated with complying with public company reporting requirements.
- A lack of analyst coverage may cause a decline in our stock price or trading volume. We may fail to maintain proper and effective internal controls.

RISK FACTORS

Risks Related to Our Financial Condition and Capital Requirements

There is no guarantee that our Asset Acquisition will increase stockholder value.

In June 2023, we acquired Spyre. We cannot guarantee that implementing the Asset Acquisition and related transactions will not impair stockholder value or otherwise adversely affect our business. The Asset Acquisition poses significant integration challenges between our businesses and management teams which could result in management and business disruptions, any of which could harm our results of operation, business prospects, and impair the value of the Asset Acquisition to our stockholders.

We will need to raise additional capital, and if we are unable to do so when needed, we will not be able to continue as a going concern.

Our most recent Quarterly Report on Form 10-Q filed on November 9, 2023 includes disclosures regarding our management's assessment of our ability to continue as a going concern. As of September 30, 2023, we had \$203.6 million of cash, cash equivalents, and marketable securities. We will need to raise additional capital to continue to fund our operations and service our debt obligations in the future. If we are unable to raise additional capital when needed, we will not be able to continue as a going concern. If our stockholders do not timely approve the conversion of our Series A Preferred Stock, then the holders of our Series A Preferred Stock may be entitled to require us to settle their shares of Series A Preferred Stock for cash at a price per share equal to the fair value of the Series A Preferred Stock, as described in our Certificate of Designation relating to the Series A Preferred Stock. We expect we would have sufficient liquidity to settle a significant amount of the Series A Preferred Stock, if required to do so. However, the cash redemption is not under our control and raises substantial doubt about our ability to continue as a going concern. Accordingly, management has concluded that there is substantial doubt in our ability to continue as a going concern. The report of our independent registered public accountant on our audited consolidated financial statements as of December 31, 2022 and 2021 and for each of the three years in the period ended December 31, 2022 (the "2022 Annual Financials") also includes an explanatory paragraph describing the existence of substantial doubt about our ability to continue as a going concern. See Note 1 to our 2022 Annual Financials appearing elsewhere in this prospectus for further information. The consolidated financial statements included in this prospectus assume the Company will continue as a going concern through the realization of assets and satisfaction of liabilities and commitments in the ordinary course of business.

Developing our product candidates requires a substantial amount of capital. We expect our research and development expenses to increase in connection with our ongoing activities, particularly as we advance our product candidates through clinical trials. We will need to raise additional capital to fund our operations and such funding may not be available to us on acceptable terms, or at all, and such funding may become even more difficult to obtain due to rising interest rates and the current downturn in the U.S. capital markets and the biotechnology sector in general. Competition for additional capital among biotechnology companies may be particularly intense during this present economic downturn. We may be unable to raise capital through public offerings of our Common Stock and may need to turn to alternative financing arrangements. Such arrangements, if we pursue them, could involve issuances of one or more types of securities, including Common Stock, Preferred Stock, convertible debt, warrants to acquire Common Stock or other securities. These securities could be issued at or below the then prevailing market price for our Common Stock. In addition, if we issue debt securities, the holders of the debt would have a claim to our assets that would be superior to the rights of stockholders until the principal, accrued and unpaid interest and any premium or make-whole has been paid. Interest on any newly-issued debt securities and/or newly-incurred borrowings would increase our operating costs and reduce our net income (or increase our net loss), and these impacts may be material. If the issuance of new securities results in diminished rights to holders of our Common Stock, the market price of our Common Stock could be materially and adversely affected.

We do not currently have any products approved for sale and do not generate any revenue from product sales. Accordingly, we expect to rely primarily on equity and/or debt financings to fund our continued operations. Our

ability to raise additional funds will depend, in part, on the success of our preclinical studies and clinical trials and other product development activities, regulatory events, our ability to identify and enter into licensing or other strategic arrangements, and other events or conditions that may affect our value or prospects, as well as factors related to financial, economic and market conditions, many of which are beyond our control. There can be no assurances that sufficient funds will be available to us when required or on acceptable terms, if at all.

If we are unable to raise additional capital when required or on acceptable terms, we may be required to:

- significantly delay, scale back, or discontinue the development or commercialization of our product candidates;
- seek strategic partnerships, or amend existing partnerships, for research and development programs at an earlier stage than otherwise would be desirable or that we otherwise would have sought to develop independently, or on terms that are less favorable than might otherwise be available in the future;
- dispose of technology assets, or relinquish or license on unfavorable terms, our rights to technologies or any of our product candidates that we otherwise would seek to develop or commercialize ourselves;
- pursue the sale of our company to a third party at a price that may result in a loss on investment for our stockholders; or
- file for bankruptcy or cease operations altogether (and face any related legal proceedings).

Any of these events could have a material adverse effect on our business, operating results, and prospects.

Even if successful in raising new capital, we could be limited in the amount of capital we raise due to investor demand restrictions placed on the amount of capital we raise or other reasons. For example, we are currently subject to the limitations set forth in Instruction I.B.6 of Form S-3.

Additionally, any capital raising efforts are subject to significant risks and contingencies, as described in more detail under the risk factor titled *“Raising additional capital may cause dilution to our stockholders, restrict our operations, or require us to relinquish rights.”*

We have never generated any revenue from product sales and may never be profitable.

We have no products approved for commercialization and have never generated any revenue from product sales. Our ability to generate revenue and achieve profitability depends on our ability, alone or with strategic collaborators, to successfully complete the development of, and obtain the regulatory and marketing approvals necessary to commercialize one or more of our product candidates. We do not anticipate generating revenue from product sales for the foreseeable future. Our ability to generate future revenue from product sales depends heavily on our success in many areas, including but not limited to:

- completing research and development of our product candidates;
- obtaining regulatory and marketing approvals for our product candidates for which we complete clinical trials;
- manufacturing product candidates and establishing and maintaining supply and manufacturing relationships with third parties that are commercially feasible, meet regulatory requirements and our supply needs in sufficient quantities to meet market demand for our product candidates, if approved;
- qualify for adequate coverage and reimbursement by government and third-party payors for any product candidates for which we obtain regulatory and marketing approval;
- marketing, launching, and commercializing product candidates for which we obtain regulatory and marketing approval, either directly or with a collaborator or distributor;
- gaining market acceptance of our product candidates as treatment options;

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- addressing any competing products and technological and market developments;
- implementing internal systems and infrastructure, as needed;
- protecting and enforcing our intellectual property rights, including patents, trade secrets, and know-how;
- negotiating favorable terms in any collaboration, licensing, or other arrangements into which we may enter;
- obtaining coverage and adequate reimbursement from third-party payors and maintaining pricing for our product candidates that supports profitability; and
- attracting, hiring, and retaining qualified personnel.

Even if one or more of the product candidates that we develop is approved for commercial sale, we anticipate incurring significant costs associated with commercializing any approved product candidate. Our expenses could increase beyond expectations if we are required by regulatory authorities to perform clinical and other studies in addition to those that we anticipate. Even if we are able to generate revenues from the sale of any approved products, we may not become profitable and may need to obtain additional funding to continue operations. Portions of the research programs with respect to which we have exercised the Option to acquire intellectual property license rights to or have the Option to acquire intellectual property license rights to pursuant to the Paragon Agreement may be in-licensed from third parties, which make the commercial sale of such in-licensed products potentially subject to additional royalty and milestone payments to such third parties. We will also have to develop or acquire manufacturing capabilities or continue to contract with contract manufacturers in order to continue development and potential commercialization of our product candidates. For instance, if the costs of manufacturing our drug product are not commercially feasible, we will need to develop or procure our drug product in a commercially feasible manner in order to successfully commercialize a future approved product, if any. Additionally, if we are not able to generate revenue from the sale of any approved products, we may never become profitable.

We have historically incurred losses, have a limited operating history on which to assess our business, and anticipate that we will continue to incur significant losses for the foreseeable future.

We are a biopharmaceutical company with a limited operating history. Since inception, we have incurred significant operating losses. For the three and nine months ended September 30, 2023, we reported a net loss of \$40.1 million and \$275.6 million, respectively. For the years ended December 31, 2022 and 2021, we reported a net loss of \$83.8 million and \$65.8 million, respectively. As of September 30, 2023, we had an accumulated deficit of \$701.2 million. We will need to raise substantial additional capital to continue to fund our operations in the future. If our stockholders do not timely approve the conversion of our Series A Preferred Stock, then the holders of our Series A Preferred Stock may be entitled to require us to settle their shares of Series A Preferred Stock for cash at a price per share equal to the fair value of the Series A Preferred Stock, as described in our certificate of designation relating to the Series A Preferred Stock. The cash redemption is not under our control and raises substantial doubt about our ability to continue as a going concern. The consolidated financial statements included in this prospectus assume the Company will continue as a going concern through the realization of assets and satisfaction of liabilities and commitments in the ordinary course of business.

Failure to raise capital as and when needed, on favorable terms or at all, would have a negative impact on our financial condition and our ability to develop our product candidates. Changing circumstances may cause us to consume capital significantly faster or slower than we currently anticipate. If we are unable to acquire additional capital or resources, we will be required to modify our operational plans to complete future milestones and we may be required to delay, limit, reduce or eliminate development or future commercialization efforts of product candidates and/or programs. We have based these estimates on assumptions that may prove to be wrong, and we could exhaust our available financial resources sooner than we currently anticipate. We may be forced to reduce our operating expenses and raise additional funds to meet our working capital needs, principally through the additional sales of our securities or debt financings or entering into strategic collaborations.

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We have devoted substantially all of our financial resources to identify, acquire, and develop our product candidates, including conducting clinical trials and providing general and administrative support for our operations. To date, we have funded our operations primarily from the sale and issuance of convertible preferred and common equity securities, pre-funded warrants, the collection of grant proceeds, and the licensing of our product rights for commercialization of pegzilarginase in Europe and certain countries in the Middle East. The amount of our future net losses will depend, in part, on the rate of our future expenditures and our ability to obtain funding through equity or debt financings, strategic collaborations, or grants. Biopharmaceutical product development is a highly speculative undertaking and involves a substantial degree of risk. We expect our losses to increase as our product candidates enter more advanced clinical trials. It may be several years, if ever, before we complete pivotal clinical trials or have a product candidate approved for commercialization. We expect to invest significant funds into the research and development of our current product candidates to determine the potential to advance these product candidates to regulatory approval.

If we obtain regulatory approval to market a product candidate, our future revenue will depend upon the size of any markets in which our product candidates may receive approval, and our ability to achieve sufficient market acceptance, pricing, coverage and adequate reimbursement from third-party payors, and adequate market share for our product candidates in those markets. Even if we obtain adequate market share for our product candidates, because the potential markets in which our product candidates may ultimately receive regulatory approval could be very small, we may never become profitable despite obtaining such market share and acceptance of our products.

We expect to continue to incur significant expenses and increasing operating losses for the foreseeable future and our expenses will increase substantially if and as we:

- continue the preclinical development and initiate the clinical development of our product candidates;
- continue efforts to discover and develop new product candidates;
- continue the manufacturing of our product candidates or increase volumes manufactured by third parties;
- advance our product candidates into larger, more expensive clinical trials;
- initiate additional preclinical studies or clinical trials for our product candidates;
- seek regulatory and marketing approvals and reimbursement for our product candidates;
- establish a sales, marketing, and distribution infrastructure to commercialize any products for which we may obtain marketing approval and market for ourselves;
- seek to identify, assess, acquire, and/or develop other product candidates;
- make milestone, royalty, or other payments under third-party license agreements;
- seek to maintain, protect, and expand our intellectual property portfolio;
- pay penalties under our registration rights agreement for failing to timely register the applicable securities;
- seek to attract and retain skilled personnel; and
- experience any delays or encounter issues with the development and potential for regulatory approval of our clinical and product candidates such as safety issues, manufacturing delays, clinical trial accrual delays, longer follow-up for planned studies or trials, additional major studies or trials, or supportive trials necessary to support marketing approval.

Further, the net losses we incur may fluctuate significantly from quarter to quarter and year to year, such that a period-to-period comparison of our results of operations may not be a good indication of our future performance.

Raising additional capital may cause dilution to our stockholders, restrict our operations, or require us to relinquish rights.

Until such time, if ever, as we can generate substantial revenue from the sale of our product candidates, we expect to finance our cash needs through a combination of equity offerings, debt financings and license and development agreements. To the extent that we raise additional capital through the sale of equity securities or convertible debt securities, the ownership interest of our stockholders will be diluted, and the terms of these securities may include liquidation or other preferences that adversely affect your rights as a holder of Common Stock. Debt financing and preferred equity financing, if available, may involve agreements that include covenants limiting or restricting our ability to take specific actions, such as incurring additional debt, making capital expenditures, or declaring dividends.

If we raise additional funds through collaborations, strategic alliances or marketing, distribution or licensing arrangements with third parties, we may be required to relinquish valuable rights to our research programs or product candidates or grant licenses on terms that may not be favorable to us. If we are unable to raise additional funds through equity or debt financings or other arrangements with third parties when needed, we may be required to delay, limit, reduce or terminate our product development or future commercialization efforts or grant rights to third parties to develop and market product candidates that we would otherwise prefer to develop and market ourselves.

To the extent that we raise additional capital through the sale of equity, including pursuant to any sales under convertible debt or other securities convertible into equity, the ownership interest of our stockholders will be diluted, and the terms of these new securities may include liquidation or other preferences that adversely affect the rights of our stockholders. For instance, in June 2023, we sold 721,452 shares of our Series A Preferred Stock in the PIPE to the Investors for gross proceeds of approximately \$210.0 million. Subject to receiving the requisite stockholder approval and certain beneficial ownership limitations set by each holder of Series A Preferred Stock, each share of Series A Preferred Stock will automatically convert into an aggregate of 40 shares of our Common Stock. We are required to solicit the consent of our stockholders with regard to conversion of the shares of our Series A Preferred Stock, which will be voted on at the Special Meeting. If our stockholders fail to approve such matters, we may be subject to financial penalties that could materially harm our business, including the forced settlement of shares of Series A Preferred Stock for cash, as described in the Certificate of Designation.

Debt financing, if available, would likely involve agreements that include covenants limiting or restricting our ability to take specific actions, such as incurring additional debt, making capital expenditures, making additional product acquisitions, or declaring dividends. If we raise additional funds through strategic collaborations or licensing arrangements with third parties, we may have to relinquish valuable rights to our product candidates or future revenue streams or grant licenses on terms that are not favorable to us. We cannot be assured that we will be able to obtain additional funding if and when necessary to fund our entire portfolio of product candidates to meet our projected plans. If we are unable to obtain funding on a timely basis, we may be required to delay or discontinue one or more of our development programs or the commercialization of any product candidates or be unable to expand our operations or otherwise capitalize on potential business opportunities, which could materially harm our business, financial condition, and results of operations.

Risks Related to Discovery, Development and Commercialization

We face competition from entities that have developed or may develop programs for the diseases addressed by our programs.

The development and commercialization of drugs is highly competitive. Our programs, if approved, will face significant competition and our failure to effectively compete may prevent us from achieving significant market penetration. We compete with a variety of multinational biopharmaceutical companies, specialized biotechnology companies and emerging biotechnology companies, as well as academic institutions, governmental agencies, and public and private research institutions, among others. Many of the companies with

which we are currently competing or will complete against in the future have significantly greater financial resources and expertise in research and development, manufacturing, preclinical testing, conducting clinical trials, obtaining regulatory approvals, and marketing approved products than we do. Mergers and acquisitions in the pharmaceutical and biotechnology industry may result in even more resources being concentrated among a smaller number of our competitors. Smaller or early-stage companies may also prove to be significant competitors, particularly through collaborative arrangements with large and established companies. These competitors also compete with us in recruiting and retaining qualified scientific and management personnel, establishing clinical trial sites, patient registration for clinical trials, as well as in acquiring technologies complementary to, or necessary for, our programs.

Our competitors have developed, are developing or will develop programs and processes competitive with our programs and processes. Competitive therapeutic treatments include those that have already been approved and accepted by the medical community and any new treatments. Our success will depend partially on our ability to develop and commercialize products that have a competitive safety, efficacy, dosing and/or presentation profile. Our commercial opportunity and success will be reduced or eliminated if competing products are safer, more effective, have a more attractive dosing profile or presentation or are less expensive than the products we develop, or if our competitors develop competing products or if biosimilars enter the market more quickly than we do and are able to gain market acceptance.

In addition, because of the competitive landscape for inflammatory and immunology (“I&I”) indications, we may also face competition for clinical trial enrollment. Patient enrollment will depend on many factors, including if potential clinical trial patients choose to undergo treatment with approved products or enroll in competitors’ ongoing clinical trials for programs that are under development for the same indications as our programs. An increase in the number of approved products for the indications we are targeting with our programs may further exacerbate this competition. Our inability to enroll a sufficient number of patients could, among others, delay our development timeline, which may further harm our competitive position.

Our programs are in preclinical stages of development and may fail in development or suffer delays that materially and adversely affect their commercial viability. If we or our current or future collaborators are unable to complete development of, or commercialize our programs, or experience significant delays in doing so, our business will be materially harmed.

We have no products on the market and all of our programs are in preclinical stages of development and have not been tested in humans. As a result, we expect it will be many years before we commercialize any program, if ever. Our ability to achieve and sustain profitability depends on obtaining regulatory approvals for, and successfully commercializing, our programs, either alone or with third parties, and we cannot guarantee you that we will ever obtain regulatory approval for any of our programs. We have not yet demonstrated our ability to initiate or complete any clinical trials, obtain regulatory approvals, manufacture a clinical development or commercial scale product or arrange for a third party to do so on our behalf, or conduct sales and marketing activities necessary for successful product commercialization. Before obtaining regulatory approval for the commercial distribution of our programs, we or an existing or future collaborator must conduct extensive preclinical tests and clinical trials to demonstrate the safety and efficacy in humans of our programs and future product candidates.

We or our collaborators may experience delays in initiating or completing clinical trials. We or our collaborators also may experience numerous unforeseen events during, or as a result of, any current or future clinical trials that we could conduct that could delay or prevent our ability to receive marketing approval or commercialize our current programs or any future programs, including:

- regulators or institutional review boards (“IRBs”), the FDA or ethics committees may not authorize us or our investigators to commence a clinical trial or conduct a clinical trial at a prospective trial site;

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- we may experience delays in reaching, or fail to reach, agreement on acceptable terms with prospective trial sites and prospective contract research organizations (“CROs”), the terms of which can be subject to extensive negotiation and may vary significantly among different CROs and trial sites;
- clinical trial sites deviating from trial protocol or dropping out of a trial;
- clinical trials of any programs may fail to show safety or efficacy, produce negative or inconclusive results, and we may decide, or regulators may require us, to conduct additional preclinical studies or clinical trials or we may decide to abandon product development programs;
- the number of subjects required for clinical trials of any programs may be larger than we anticipate, especially if regulatory bodies require completion of non-inferiority or superiority trials, enrollment in these clinical trials may be slower than we anticipate or subjects may drop out of these clinical trials or fail to return for post-treatment follow-up at a higher rate than we anticipate;
- our third-party contractors may fail to comply with regulatory requirements or meet their contractual obligations to us in a timely manner, or at all, or may deviate from the clinical trial protocol or drop out of the trial, which may require that we add new clinical trial sites or investigators;
- we may elect to, or regulators, IRBs or ethics committees may require that we or our investigators, suspend or terminate clinical research or trials for various reasons, including noncompliance with regulatory requirements or a finding that the participants in our trials are being exposed to unacceptable health risks;
- the cost of clinical trials of any of our programs may be greater than we anticipate;
- the quality of our programs or other materials necessary to conduct clinical trials of our programs may be inadequate to initiate or complete a given clinical trial;
- our inability to manufacture sufficient quantities of our programs for use in clinical trials;
- reports from clinical testing of other therapies may raise safety or efficacy concerns about our programs;
- our failure to establish an appropriate safety profile for a program based on clinical or preclinical data for such programs as well as data emerging from other therapies in the same class as our programs; and
- the FDA or other regulatory authorities may require us to submit additional data such as long-term toxicology studies, or impose other requirements before permitting us to initiate a clinical trial.

Commencing clinical trials in the United States is subject to acceptance by the FDA of an investigational new drug application (“IND”), biologics license application (“BLA”) or similar application and finalizing the trial design based on discussions with the FDA and other regulatory authorities. In the event that the FDA requires us to complete additional preclinical studies or we are required to satisfy other FDA requests prior to commencing clinical trials, the start of our first clinical trials may be delayed. Even after we receive and incorporate guidance from these regulatory authorities, the FDA or other regulatory authorities could disagree that we have satisfied their requirements to commence any clinical trial or change their position on the acceptability of our trial design or the clinical endpoints selected, which may require us to complete additional preclinical studies or clinical trials, delay the enrollment of our clinical trials or impose stricter approval conditions than we currently expect. There are equivalent processes and risks applicable to clinical trial applications in other countries, including countries in the European Union (“EU”).

We may not have the financial resources to continue development of, or to modify existing or enter into new collaborations for, a program if we experience any issues that delay or prevent regulatory approval of, or our ability to commercialize, our programs. We or our current or future collaborators’ inability to complete development of, or commercialize our programs, or significant delays in doing so, could have a material and adverse effect on our business, financial condition, results of operations and prospects.

We are substantially dependent on the success of our two most advanced programs, SPY001 and SPY002, and our anticipated clinical trials of such programs may not be successful.

Our future success is substantially dependent on our ability to timely obtain marketing approval for, and then successfully commercialize, our two most advanced programs, SPY001 and SPY002. We exercised our Option with respect to the SPY001 program on July 12, 2023 and we continue to hold the unexercised Option with respect to the SPY002 program. We are investing a majority of our efforts and financial resources into the research and development of these programs. We anticipate initiating a Phase 1 clinical trial in healthy volunteers of SPY001 in the first half of 2024 and of SPY002 in the second half of 2024, each subject to the filing of an IND or foreign equivalent and regulatory approval. The success of our programs is dependent on observing a longer half-life of our programs in humans than other mAbs currently marketed and in development as we believe this longer half-life has the potential to result in a more favorable dosing schedule for our programs, assuming they successfully complete clinical development and obtain marketing approval. This is based in part on the assumption that the longer half-life we have observed in non-human primates (“NHPs”) will translate into an extended half-life of our programs in humans. To the extent we do not observe this extended half-life when we dose humans with our programs, it would significantly and adversely affect the clinical and commercial potential of our programs.

Our programs will require additional clinical development, evaluation of clinical, preclinical and manufacturing activities, marketing approval in multiple jurisdictions, substantial investment and significant marketing efforts before we generate any revenues from product sales. We are not permitted to market or promote these programs, or any other programs, before we receive marketing approval from the FDA and comparable foreign regulatory authorities, and we may never receive such marketing approvals.

The success of our programs will depend on a variety of factors. We do not have complete control over many of these factors, including certain aspects of clinical development and the regulatory submission process, potential threats to our intellectual property rights and the manufacturing, marketing, distribution and sales efforts of any future collaborator. Accordingly, we cannot assure you that we will ever be able to generate revenue through the sale of these programs, even if approved. If we are not successful in commercializing our SPY001 or SPY002 programs, or are significantly delayed in doing so, our business will be materially harmed.

If we do not achieve our projected development goals in the time frames we announce and expect, the commercialization of our programs may be delayed and our expenses may increase and, as a result, our stock price may decline.

From time to time, we estimate the timing of the anticipated accomplishment of various scientific, clinical, regulatory and other product development goals, which we sometimes refer to as milestones. These milestones may include the commencement or completion of scientific studies and clinical trials, such as the expected timing for the anticipated commencement of our Phase 1 clinical trials in IBD, as well as the submission of regulatory filings. From time to time, we may publicly announce the expected timing of some of these milestones. All of these milestones are and will be based on numerous assumptions. The actual timing of these milestones can vary dramatically compared to our estimates, in some cases for reasons beyond our control. If we do not meet these milestones as publicly announced, or at all, the commercialization of our programs may be delayed or never achieved and, as a result, our stock price may decline. Additionally, delays relative to our projected timelines are likely to cause overall expenses to increase, which may require us to raise additional capital sooner than expected and prior to achieving targeted development milestones.

Our approach to the discovery and development of our programs is unproven, and we may not be successful in our efforts to build a pipeline of programs with commercial value.

Our approach to the discovery and development of the research programs with respect to which we have exercised the Option to acquire intellectual property license rights to or have the Option to acquire intellectual

property license rights to pursuant to the Paragon Agreement leverages clinically validated mechanisms of action and incorporates advanced antibody engineering to optimize half-life and other properties designed to overcome limitations of existing therapies. Our programs are purposefully designed to improve upon existing product candidates and products while maintaining the same, well-established mechanisms of action. However, the scientific research that forms the basis of our efforts to develop programs using half-life extension technologies, includingYTE and LS amino acid substitutions, is ongoing and may not result in viable programs. We have limited clinical data on product candidates utilizingYTE and LS half-life extension technologies, especially in I&I indications, demonstrating whether they are safe or effective for long-term treatment in humans. The long-term safety and efficacy of these technologies and the extended half-life and exposure profile of our programs compared to currently approved products is unknown.

We may ultimately discover that utilizing half-life extension technologies for our specific targets and indications and any programs resulting therefrom do not possess certain properties required for therapeutic effectiveness. We currently have only preclinical data regarding the increased half-life properties of our programs and the same results may not be seen in humans. In addition, programs using half-life extension technologies may demonstrate different chemical and pharmacological properties in patients than they do in laboratory studies. This technology and any programs resulting therefrom may not demonstrate the same chemical and pharmacological properties in humans and may interact with human biological systems in unforeseen, ineffective or harmful ways.

In addition, we may in the future seek to discover and develop programs that are based on novel targets and technologies that are unproven. If our discovery activities fail to identify novel targets or technologies for drug discovery, or such targets prove to be unsuitable for treating human disease, we may not be able to develop viable additional programs. We and our existing or future collaborators may never receive approval to market and commercialize any program. Even if we or an existing or future collaborator obtains regulatory approval, the approval may be for targets, disease indications or patient populations that are not as broad as we intended or desired or may require labeling that includes significant use or distribution restrictions or safety warnings. If the products resulting from the research programs with respect to which we have exercised the Option to acquire intellectual property license rights to or have the Option to acquire intellectual property license rights to pursuant to the Paragon Agreement prove to be ineffective, unsafe or commercially unviable, such programs would have little, if any, value, which would have a material and adverse effect on our business, financial condition, results of operations and prospects.

Preclinical and clinical development involves a lengthy and expensive process that is subject to delays and with uncertain outcomes, and results of earlier studies and trials may not be predictive of future clinical trial results. If our preclinical studies and clinical trials are not sufficient to support regulatory approval of any of our programs, we may incur additional costs or experience delays in completing, or ultimately be unable to complete, the development of such program.

Before obtaining marketing approval from regulatory authorities for the sale of any program, we must complete preclinical studies and then conduct extensive clinical trials to demonstrate the safety and efficacy of our program in humans. Our clinical trials may not be conducted as planned or completed on schedule, if at all, and failure can occur at any time during the preclinical study or clinical trial process. For example, we depend on the availability of NHPs to conduct certain preclinical studies that we are required to complete prior to submitting an IND and initiating clinical development. There is currently a global shortage of NHPs available for drug development. This could cause the cost of obtaining NHPs for our future preclinical studies to increase significantly and, if the shortage continues, could also result in delays to our development timelines.

Furthermore, a failure of one or more clinical trials can occur at any stage of testing. The outcome of preclinical studies and early-stage clinical trials may not be predictive of the success of later clinical trials. Moreover, preclinical and clinical data are often susceptible to varying interpretations and analyses, and many companies that have believed their programs performed satisfactorily in preclinical studies and clinical trials have nonetheless failed to obtain marketing approval of their programs. In addition, we expect to rely on patients to

provide feedback on measures such as measures of quality of life, which are subjective and inherently difficult to evaluate. These measures can be influenced by factors outside of our control, and can vary widely from day to day for a particular patient, and from patient to patient and from site to site within a clinical trial.

We cannot be sure that the FDA will agree with our clinical development plan. We plan to use the data from our planned Phase 1 trials of our SPY001 and SPY002 programs in healthy volunteers to support Phase 2 trials in IBD and other I&I indications. If the FDA requires us to conduct additional trials or enroll additional patients, our development timelines may be delayed. We cannot be sure that submission of an IND, BLA or similar application will result in the FDA or comparable foreign regulatory authorities, as applicable, allowing clinical trials to begin in a timely manner, if at all. Moreover, even if these trials begin, issues may arise that could cause regulatory authorities to suspend or terminate such clinical trials. Events that may prevent successful or timely initiation or completion of clinical trials include: inability to generate sufficient preclinical, toxicology or other *in vivo* or *in vitro* data to support the initiation or continuation of clinical trials; delays in reaching a consensus with regulatory authorities on study design or implementation of the clinical trials; delays or failure in obtaining regulatory authorization to commence a trial; delays in reaching agreement on acceptable terms with prospective CROs and clinical trial sites, the terms of which can be subject to extensive negotiation and may vary significantly among different CROs and clinical trial sites; delays in identifying, recruiting and training suitable clinical investigators; delays in obtaining required IRB approval at each clinical trial site; delays in manufacturing, testing, releasing, validating or importing/exporting sufficient stable quantities of our programs for use in clinical trials or the inability to do any of the foregoing; failure by our CROs, other third parties or us to adhere to clinical trial protocols; failure to perform in accordance with the FDA's or any other regulatory authority's good clinical practice requirements ("GCPs") or applicable regulatory guidelines in other countries; changes to the clinical trial protocols; clinical sites deviating from trial protocol or dropping out of a trial; changes in regulatory requirements and guidance that require amending or submitting new clinical protocols; selection of clinical endpoints that require prolonged periods of observation or analyses of resulting data; transfer of manufacturing processes to larger-scale facilities operated by a contract manufacturing organization ("CMO") and delays or failure by our CMOs or us to make any necessary changes to such manufacturing process; and third parties being unwilling or unable to satisfy their contractual obligations to us.

We could also encounter delays if a clinical trial is suspended or terminated by us, by the IRBs of the institutions in which such clinical trials are being conducted, by the Data Safety Monitoring Board, if any, for such clinical trial or by the FDA or comparable foreign regulatory authorities. Such authorities may suspend or terminate a clinical trial due to a number of factors, including failure to conduct the clinical trial in accordance with regulatory requirements or our clinical trial protocols, inspection of the clinical trial operations or trial site by the FDA or comparable foreign regulatory authorities resulting in the imposition of a clinical hold, unforeseen safety issues or adverse side effects, failure to demonstrate a benefit from the programs, changes in governmental regulations or administrative actions or lack of adequate funding to continue the clinical trial. If we are required to conduct additional clinical trials or other testing of our programs beyond those that we currently contemplate, if we are unable to successfully complete clinical trials of our programs, if the results of these trials are not positive or are only moderately positive or if there are safety concerns, our business and results of operations may be adversely affected and we may incur significant additional costs.

If we encounter difficulties enrolling patients in our future clinical trials, our clinical development activities could be delayed or otherwise adversely affected.

We may experience difficulties in patient enrollment in our future clinical trials for a variety of reasons. The timely completion of clinical trials in accordance with their protocols depends, among other things, on our ability to enroll a sufficient number of patients who remain in the trial until its conclusion. The enrollment of patients in future trials for any of our programs will depend on many factors, including if patients choose to enroll in clinical trials, rather than using approved products, or if our competitors have ongoing clinical trials for programs that are under development for the same indications as our programs, and patients instead enroll in such clinical trials. Additionally, the number of patients required for clinical trials of our programs may be larger than we anticipate,

especially if regulatory bodies require the completion of non-inferiority or superiority trials. Even if we are able to enroll a sufficient number of patients for our future clinical trials, we may have difficulty maintaining patients in our clinical trials. Our inability to enroll or maintain a sufficient number of patients would result in significant delays in completing clinical trials or receipt of marketing approvals and increased development costs or may require us to abandon one or more clinical trials altogether.

Preliminary, “topline” or interim data from our clinical trials that we announce or publish from time to time may change as more patient data become available and are subject to audit and verification procedures.

From time to time, we may publicly disclose preliminary or topline data from our preclinical studies and clinical trials, which are based on a preliminary analysis of then-available data, and the results and related findings and conclusions are subject to change following a more comprehensive review of the data. We also make assumptions, estimations, calculations and conclusions as part of our analyses of these data without the opportunity to fully and carefully evaluate complete data. As a result, the preliminary or topline results that we report may differ from future results of the same studies, or different conclusions or considerations may qualify such results, once additional data have been received and fully evaluated or subsequently made subject to audit and verification procedures.

Any preliminary or topline data should be viewed with caution until the final data are available. From time to time, we may also disclose interim data from our preclinical studies and clinical trials. Interim data are subject to the risk that one or more of the clinical outcomes may materially change as patient enrollment continues and more patient data become available or as patients from our clinical trials continue other treatments. Further, others, including regulatory agencies, may not accept or agree with our assumptions, estimates, calculations, conclusions or analyses or may interpret or weigh the importance of data differently, which could impact the value of the particular program, the approvability or commercialization of the particular program and our company in general. In addition, the information we choose to publicly disclose regarding a particular preclinical study or clinical trial is based on what is typically extensive information, and you or others may not agree with what we determine is material or otherwise appropriate information to include in our disclosure. If the preliminary, topline or interim data that we report differ from actual results, or if others, including regulatory authorities, disagree with the conclusions reached, our ability to obtain approval for, and commercialize, our programs may be harmed, which could harm our business, operating results, prospects or financial condition.

Our future clinical trials or those of our future collaborators may reveal significant adverse events or undesirable side effects not seen in our preclinical studies and may result in a safety profile that could halt clinical development, inhibit regulatory approval or limit commercial potential or market acceptance of any of our programs.

Results of our clinical trials could reveal a high and unacceptable severity and prevalence of side effects, adverse events or unexpected characteristics. While our preclinical studies in NHPs have not shown any such characteristics to date, we have not yet initiated any clinical trials in humans. If significant adverse events or other side effects are observed in any of our future clinical trials, we may have difficulty recruiting patients to such trials, patients may drop out of our trials, or we may be required to abandon the trials or our development efforts of one or more programs altogether. We, the FDA or other applicable regulatory authorities, or an IRB, may suspend any clinical trials of any program at any time for various reasons, including a belief that subjects or patients in such trials are being exposed to unacceptable health risks or adverse side effects. Some potential products developed in the biotechnology industry that initially showed therapeutic promise in early-stage studies and trials have later been found to cause side effects that prevented their further development. Other potential products have shown side effects in preclinical studies, which side effects do not present themselves in clinical trials in humans. Even if the side effects do not preclude the program from obtaining or maintaining marketing approval, undesirable side effects may inhibit market acceptance of the approved product due to its tolerability versus other therapies. In addition, an extended half-life could prolong the duration of undesirable side effects, which could also inhibit market acceptance. Treatment-emergent adverse events could also affect patient

recruitment or the ability of enrolled subjects to complete our clinical trials or could result in potential product liability claims. Potential side effects associated with our programs may not be appropriately recognized or managed by the treating medical staff, as toxicities resulting from our programs may not be normally encountered in the general patient population and by medical personnel. Any of these occurrences could harm our business, financial condition, results of operations and prospects significantly.

In addition, even if we successfully advance our programs or any future program through clinical trials, such trials will only include a limited number of patients and limited duration of exposure to our programs. As a result, we cannot be assured that adverse effects of our programs will not be uncovered when a significantly larger number of patients are exposed to the program after approval. Further, any clinical trials may not be sufficient to determine the effect and safety consequences of using our programs over a multi-year period.

If any of the foregoing events occur or if one or more of the research programs with respect to which we have exercised the Option to acquire intellectual property license rights to or have the Option to acquire intellectual property license rights to pursuant to the Paragon Agreement prove to be unsafe, our entire pipeline could be affected, which would have a material adverse effect on our business, financial condition, results of operations and prospects.

We may expend our limited resources to pursue a particular program and fail to capitalize on programs that may be more profitable or for which there is a greater likelihood of success.

Because we have limited financial and managerial resources, we focus our research and development efforts on certain selected programs. For example, we are initially focused on our most advanced programs, SPY001 and SPY002. As a result, we may forgo or delay pursuit of opportunities with other programs that later prove to have greater commercial potential. Our resource allocation decisions may cause us to fail to capitalize on viable commercial products or profitable market opportunities. Our spending on current and future research and development programs for specific indications may not yield any commercially viable programs. If we do not accurately evaluate the commercial potential or target market for a particular program, we may relinquish valuable rights to that program through collaboration, licensing or other royalty arrangements in cases in which it would have been more advantageous for us to retain sole development and commercialization rights to such program.

Any approved products resulting from our current programs or any future program may not achieve adequate market acceptance among clinicians, patients, healthcare third-party payors and others in the medical community necessary for commercial success and we may not generate any future revenue from the sale or licensing of such products.

Even if regulatory approval is obtained for a product candidate resulting from one of our current or future programs, they may not gain market acceptance among physicians, patients, healthcare payors or the medical community. We may not generate or sustain revenue from sales of the product due to factors such as whether the product can be sold at a competitive cost and whether it will otherwise be accepted in the market. There are several approved products and product candidates in later stages of development for the treatment of IBD. However, our programs incorporate advanced antibody engineering to optimize the half-life and formulation of antibodies; to date, no such antibody has been approved by the FDA for the treatment of IBD. Market participants with significant influence over acceptance of new treatments, such as clinicians and third-party payors, may not adopt a biologic that incorporates half-life extension for our targeted indications, and we may not be able to convince the medical community and third-party payors to accept and use, or to provide favorable reimbursement for, any programs developed by us or our existing or future collaborators. An extended half-life may make it more difficult for patients to change treatments and there is a perception that half-life extension could exacerbate side effects, each of which may adversely affect our ability to gain market acceptance. Market acceptance of our programs will depend on many factors, including factors that are not within our control.

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Sales of medical products also depend on the willingness of clinicians to prescribe the treatment. We cannot predict whether clinicians, clinicians' organizations, hospitals, other healthcare providers, government agencies or private insurers will determine that our product is safe, therapeutically effective, cost effective or less burdensome as compared with competing treatments. If any current or future program is approved but does not achieve an adequate level of acceptance by such parties, we may not generate or derive sufficient revenue from that program and may not become or remain profitable.

Certain of our programs may compete with our other programs, which could negatively impact our business and reduce our future revenue.

We are developing product candidates for the same indication: IBD, and may in the future develop our programs for other I&I indications. Each such program targets a different mechanism of action. However, developing multiple programs for a single indication may negatively impact our business if the programs compete with each other. For example, if multiple programs are conducting clinical trials at the same time, they could compete for the enrollment of patients. In addition, if multiple programs are approved for the same indication, they may compete for market share, which could limit our future revenue.

We plan to conduct clinical trials for programs at sites outside the United States, and the FDA may not accept data from trials conducted in such locations.

We may choose to conduct one or more of our future clinical trials outside the United States. Although the FDA may accept data from clinical trials conducted outside the United States, acceptance of this data is subject to conditions imposed by the FDA. For example, the clinical trial must be well designed and conducted and performed by qualified investigators in accordance with ethical principles. The trial population must also adequately represent the U.S. population, and the data must be applicable to the U.S. population and U.S. medical practice in ways that the FDA deems clinically meaningful. In addition, while these clinical trials are subject to the applicable local laws, FDA acceptance of the data will depend on its determination that the trials also complied with all applicable U.S. laws and regulations. If the FDA does not accept the data from any trial that we conduct outside the United States, it would likely result in the need for additional trials, which would be costly and time-consuming and would delay or permanently halt our development of the applicable product candidates. Even if the FDA accepted such data, it could require us to modify our planned clinical trials to receive clearance to initiate such trials in the United States or to continue such trials once initiated.

Further, conducting international clinical trials presents additional risks that may delay completion of our clinical trials. These risks include the failure of enrolled patients in foreign countries to adhere to clinical protocol as a result of differences in healthcare services or cultural customs that could restrict or limit our ability to conduct our clinical trials, the administrative burdens of conducting clinical trials under multiple sets of foreign regulations, foreign exchange fluctuations, diminished protection of intellectual property in some countries, as well as political and economic risks relevant to foreign countries.

Risks Related to Government Regulation

The regulatory approval processes of the FDA and other comparable foreign regulatory authorities are lengthy, time-consuming and inherently unpredictable. If we are not able to obtain, or if there are delays in obtaining, required regulatory approvals for our programs, we will not be able to commercialize, or will be delayed in commercializing, our programs, and our ability to generate revenue will be materially impaired.

The process of obtaining regulatory approvals, both in the United States and abroad, is unpredictable, expensive and typically takes many years following commencement of clinical trials, if approval is obtained at all, and can vary substantially based upon a variety of factors, including the type, complexity and novelty of the programs involved. We cannot commercialize programs in the United States without first obtaining regulatory approval from the FDA. Similarly, we cannot commercialize programs outside of the United States without obtaining

regulatory approval from comparable foreign regulatory authorities. Before obtaining regulatory approvals for the commercial sale of our programs, including our most advanced programs, SPY001 and SPY002, we must demonstrate through lengthy, complex and expensive preclinical studies and clinical trials that our programs are both safe and effective for each targeted indication. Securing regulatory approval also requires the submission of information about the drug manufacturing process to, and inspection of manufacturing facilities by, the relevant regulatory authority. Further, our programs may not be effective, may be only moderately effective or may prove to have undesirable or unintended side effects, toxicities or other characteristics that may preclude our obtaining marketing approval. The FDA and comparable foreign regulatory authorities have substantial discretion in the approval process and may refuse to accept any application or may decide that our data are insufficient for approval and require additional preclinical, clinical or other data. Our programs could be delayed in receiving, or fail to receive, regulatory approval for many reasons, including: the FDA or comparable foreign regulatory authorities may disagree with the design or implementation of our clinical trials; we may be unable to demonstrate to the satisfaction of the FDA or comparable foreign regulatory authorities that a program is safe and effective for its proposed indication; the results of clinical trials may not meet the level of statistical significance required by the FDA or comparable foreign regulatory authorities for approval; serious and unexpected drug-related side effects may be experienced by participants in our clinical trials or by individuals using drugs similar to our programs; we may be unable to demonstrate that a program's clinical and other benefits outweigh its safety risks; the FDA or comparable foreign regulatory authorities may disagree with our interpretation of data from preclinical studies or clinical trials; the data collected from clinical trials of our programs may not be acceptable or sufficient to support the submission of an NDA or other submission or to obtain regulatory approval in the United States or elsewhere, and we may be required to conduct additional clinical trials; the FDA or the applicable foreign regulatory authority may disagree regarding the formulation, labeling and/or the specifications of our programs; the FDA or comparable foreign regulatory authorities may fail to approve the manufacturing processes or facilities of third-party manufacturers with which we contract for clinical and commercial supplies; and the approval policies or regulations of the FDA or comparable foreign regulatory authorities may significantly change in a manner rendering our clinical data insufficient for approval.

Of the large number of drugs in development, only a small percentage successfully complete the FDA or foreign regulatory approval processes and are commercialized. The lengthy approval process as well as the unpredictability of future clinical trial results may result in our failing to obtain regulatory approval to market our programs, which would significantly harm our business, results of operations and prospects.

If we were to obtain approval, regulatory authorities may approve any of our programs for fewer or more limited indications than we request, including failing to approve the most commercially promising indications, may grant approval contingent on the performance of costly post-marketing clinical trials, or may approve a program with a label that does not include the labeling claims necessary or desirable for the successful commercialization of that program. If we are not able to obtain, or if there are delays in obtaining, required regulatory approvals for our programs, we will not be able to commercialize, or will be delayed in commercializing, our programs and our ability to generate revenue will be materially impaired.

We may not be able to meet requirements for the chemistry, manufacturing and control of our programs.

In order to receive approval of our products by the FDA and comparable foreign regulatory authorities, we must show that we and our contract manufacturing partners are able to characterize, control and manufacture our drug products safely and in accordance with regulatory requirements. This includes synthesizing the active ingredient, developing an acceptable formulation, performing tests to adequately characterize the formulated product, documenting a repeatable manufacturing process, and demonstrating that our drug products meet stability requirements. Meeting these chemistry, manufacturing and control requirements is a complex task that requires specialized expertise. If we are not able to meet the chemistry, manufacturing and control requirements, we may not be successful in getting our products approved.

Our programs for which we intend to seek approval as biologics may face competition sooner than anticipated.

The Patient Protection and Affordable Act, as amended by the Healthcare and Education Reconciliation Act (the “ACA”), includes a subtitle called the Biologics Price Competition and Innovation Act of 2009 (“BPCIA”), which created an abbreviated approval pathway for biological products that are biosimilar to or interchangeable with an FDA-licensed reference biological product. Under the BPCIA, an application for a highly similar or “biosimilar” product may not be submitted to the FDA until four years following the date that the reference product was first approved by the FDA. In addition, the approval of a biosimilar product may not be made effective by the FDA until 12 years from the date on which the reference product was first approved. During this 12-year period of exclusivity, another company may still market a competing version of the reference product if the FDA approves a full BLA for the competing product containing the sponsor’s own preclinical data and data from adequate and well-controlled clinical trials to demonstrate the safety, purity and potency of their product.

We believe that any of our programs approved as biologics under a BLA should qualify for the 12-year period of exclusivity. However, there is a risk that this exclusivity could be shortened due to congressional action or otherwise, or that the FDA will not consider our programs to be reference products for competing products, potentially creating the opportunity for competition sooner than anticipated. Other aspects of the BPCIA, some of which may impact the BPCIA exclusivity provisions, have also been the subject of recent litigation. Moreover, the extent to which a biosimilar, once approved, will be substituted for any reference products in a way that is similar to traditional generic substitution for non-biological products is not yet clear, and will depend on a number of marketplace and regulatory factors that are still developing.

Even if we receive regulatory approval of our programs, we will be subject to extensive ongoing regulatory obligations and continued regulatory review, which may result in significant additional expense and we may be subject to penalties if we fail to comply with regulatory requirements or experience unanticipated problems with our programs.

Any regulatory approvals that we may receive for our programs will require the submission of reports to regulatory authorities and surveillance to monitor the safety and efficacy of the program, may contain significant limitations related to use restrictions for specified age groups, warnings, precautions or contraindications, and may include burdensome post-approval study or risk management requirements. For example, the FDA may require a risk evaluation and mitigation strategy (“REMS”) in order to approve our programs, which could entail requirements for a medication guide, physician training and communication plans or additional elements to ensure safe use, such as restricted distribution methods, patient registries and other risk minimization tools. In addition, if the FDA or comparable foreign regulatory authorities approve our programs, our programs and the activities associated with their development and commercialization, including their design, testing, manufacture, safety, efficacy, recordkeeping, labeling, storage, approval, advertising, promotion, sale, distribution, import and export will be subject to comprehensive regulation by the FDA and other regulatory agencies in the United States and by comparable foreign regulatory authorities. These requirements include submissions of safety and other post-marketing information and reports, registration, as well as on-going compliance with current cGMPs and GCPs for any clinical trials that we conduct following approval. In addition, manufacturers of drug products and their facilities are subject to continual review and periodic, unannounced inspections by the FDA and other regulatory authorities for compliance with cGMPs.

If we or a regulatory authority discover previously unknown problems with a product, such as adverse events of unanticipated severity or frequency, or problems with the facilities where the product is manufactured, a regulatory authority may impose restrictions on that product, the manufacturing facility or us, including requiring recall or withdrawal of the product from the market or suspension of manufacturing. restrictions on our ability to conduct clinical trials, including full or partial clinical holds on ongoing or planned trials, restrictions on the manufacturing process, warning or untitled letters, civil and criminal penalties, injunctions, product seizures, detentions or import bans, voluntary or mandatory publicity requirements and imposition of restrictions on operations, including costly new manufacturing requirements. The occurrence of any event or penalty described

above may inhibit our ability to commercialize our programs and generate revenue and could require us to expend significant time and resources in response and could generate negative publicity.

We may face difficulties from healthcare legislative reform measures.

Existing regulatory policies may change, and additional government regulations may be enacted that could prevent, limit or delay regulatory approval of our programs. We cannot predict the likelihood, nature or extent of government regulation that may arise from future legislation or administrative action, either in the United States or abroad. If we are slow or unable to adapt to changes in existing requirements or the adoption of new requirements or policies, or if we are not able to maintain regulatory compliance, we may lose any marketing approval that we may have obtained and we may not achieve or sustain profitability.

Our business operations and current and future arrangements with investigators, healthcare professionals, consultants, third-party payors, patient organizations and customers will be subject to applicable healthcare regulatory laws, which could expose us to penalties.

Our business operations and current and future arrangements with investigators, healthcare professionals, consultants, third-party payors, patient organizations and customers may expose us to broadly applicable fraud and abuse and other healthcare laws and regulations. These laws may constrain the business or financial arrangements and relationships through which we conduct our operations, including how we research, market, sell and distribute our programs, if approved. Ensuring that our internal operations and future business arrangements with third parties comply with applicable healthcare laws and regulations will involve substantial costs. If our operations are found to be in violation of any of these laws or any other governmental laws and regulations that may apply to us, we may be subject to significant penalties, including civil, criminal and administrative penalties, damages, fines, exclusion from government-funded healthcare programs, integrity oversight and reporting obligations to resolve allegations of non-compliance, disgorgement, individual imprisonment, contractual damages, reputational harm, diminished profits and the curtailment or restructuring of our operations. Further, defending against any such actions can be costly and time-consuming and may require significant personnel resources. Therefore, even if we are successful in defending against any such actions that may be brought against us, our business may be impaired.

Even if we are able to commercialize any programs, due to unfavorable pricing regulations and/or third-party coverage and reimbursement policies, we may not be able to offer such programs at competitive prices which would seriously harm our business.

We intend to seek approval to market our programs in both the United States and in selected foreign jurisdictions. If we obtain approval in one or more foreign jurisdictions for our programs, we will be subject to rules and regulations in those jurisdictions. Our ability to successfully commercialize any programs that we may develop will depend in part on the extent to which reimbursement for these programs and related treatments will be available from government health administration authorities, private health insurers and other organizations. Government authorities and other third-party payors, such as private health insurers and health maintenance organizations, decide which medications they will pay for and establish reimbursement levels. Government authorities and other third-party payors have attempted to control costs by limiting coverage and the amount of reimbursement for particular medications. These entities may create preferential access policies for a competitor's product, including a branded or generic/biosimilar product, over our products in an attempt to reduce their costs, which may reduce our commercial opportunity. Additionally, if any of our programs are approved and we are found to have improperly promoted off-label uses of those programs, we may become subject to significant liability, which would materially adversely affect our business and financial condition.

We are subject to U.S. and certain foreign export and import controls, sanctions, embargoes, anti-corruption laws, and anti-money laundering laws and regulations. We can face criminal liability and other serious consequences for violations, which can harm our business.

We are subject to export control and import laws and regulations, including the U.S. Export Administration Regulations, U.S. Customs regulations, various economic and trade sanctions regulations administered by the U.S. Treasury Department's Office of Foreign Assets Controls, the U.S. Foreign Corrupt Practices Act of 1977, as amended, the U.S. domestic bribery statute contained in 18 U.S.C. § 201, the U.S. Travel Act, the USA PATRIOT Act, and other state and national anti-bribery and anti-money laundering laws in the countries in which we conduct activities. Anti-corruption laws are interpreted broadly and prohibit companies and their employees, agents, contractors, and other collaborators from authorizing, promising, offering, or providing, directly or indirectly, improper payments or anything else of value to or from recipients in the public or private sector. We may engage third parties to sell our products outside the United States, to conduct clinical trials, and/ or to obtain necessary permits, licenses, patent registrations, and other regulatory approvals. We have direct or indirect interactions with officials and employees of government agencies or government-affiliated hospitals, universities, and other organizations. We can be held liable for the corrupt or other illegal activities of our employees, agents, contractors, and other collaborators, even if we do not explicitly authorize or have actual knowledge of such activities. Any violations of the laws and regulations described above may result in substantial civil and criminal fines and penalties, imprisonment, the loss of export or import privileges, debarment, tax reassessments, breach of contract and fraud litigation, reputational harm, and other consequences.

Governments outside the United States tend to impose strict price controls, which may adversely affect our revenue, if any.

In some countries, particularly member states of the EU, the pricing of prescription drugs is subject to governmental control. In these countries, pricing negotiations with governmental authorities can take considerable time after receipt of marketing approval for a therapeutic. In addition, there can be considerable pressure by governments and other stakeholders on prices and reimbursement levels, including as part of cost containment measures. Political, economic and regulatory developments may further complicate pricing negotiations, and pricing negotiations may continue after reimbursement has been obtained. Reference pricing used by various EU member states and parallel distribution, or arbitrage between low-priced and high-priced member states, can further reduce prices. To obtain coverage and reimbursement or pricing approvals in some countries, we or current or future collaborators may be required to conduct a clinical trial or other studies that compare the cost-effectiveness of our programs to other available therapies in order to obtain or maintain reimbursement or pricing approval. Publication of discounts by third-party payors or authorities may lead to further pressure on the prices or reimbursement levels within the country of publication and other countries. If reimbursement of any program approved for marketing is unavailable or limited in scope or amount, or if pricing is set at unsatisfactory levels, our business, financial condition, results of operations or prospects could be materially and adversely affected. Brexit could lead to legal uncertainty and potentially divergent national laws and regulations, including those related to the pricing of prescription pharmaceuticals, as the United Kingdom ("UK") determines which EU laws to replicate or replace. If the UK were to significantly alter its regulations affecting the pricing of prescription pharmaceuticals, we could face significant new costs.

If we decide to pursue a Fast Track Designation by the FDA, it may not lead to a faster development or regulatory review or approval process.

We may seek Fast Track Designation for one or more of our programs. If a drug is intended for the treatment of a serious or life-threatening condition and the drug demonstrates the potential to address unmet medical needs for this condition, the product sponsor may apply for FDA Fast Track Designation. The FDA has broad discretion whether or not to grant this designation, so even if we believe a particular program is eligible for this designation, we cannot assure you that the FDA would decide to grant it. Even if we do receive Fast Track Designation, we may not experience a faster development process, review or approval compared to conventional FDA procedures.

The FDA may withdraw Fast Track Designation if it believes that the designation is no longer supported by data from our clinical development program.

Risks Related to Our Intellectual Property

Our ability to protect our patents and other proprietary rights is uncertain, exposing us to the possible loss of competitive advantage.

We rely upon a combination of patents, trademarks, trade secret protection, confidentiality agreements and the Paragon Agreement to protect the intellectual property related to our programs and technologies and to prevent third parties from competing with us. Our success depends in large part on our ability to obtain and maintain patent protection for our platform technologies, programs and their uses, as well as our ability to operate without infringing on or violating the proprietary rights of others. We own and have licensed rights to pending patent applications and expect to continue to file patent applications in the United States and abroad related to our novel discoveries and technologies that are important to our business. However, we may not be able to protect our intellectual property rights throughout the world and the legal systems in certain countries may not favor enforcement or protection of patents, trade secrets and other intellectual property. Filing, prosecuting and defending patents on programs worldwide would be prohibitively expensive and our intellectual property rights in some foreign jurisdictions can be less extensive than those in the United States. As such, we may not have patents in all countries or all major markets and may not be able to obtain patents in all jurisdictions even if we apply for them. Our competitors may operate in countries where we do not have patent protection and can freely use our technologies and discoveries in such countries to the extent such technologies and discoveries are publicly known or disclosed in countries where we do have patent protection or pending patent applications.

Our pending and future patent applications may not result in patents being issued. Any issued patents may not afford sufficient protection of our programs or their intended uses against competitors, nor can there be any assurance that the patents issued will not be infringed, designed around, invalidated by third parties, or effectively prevent others from commercializing competitive technologies, products or programs. Even if these patents are granted, they may be difficult to enforce. Further, any issued patents that we may license or own covering our programs could be narrowed or found invalid or unenforceable if challenged in court or before administrative bodies in the United States or abroad, including the United States Patent and Trademark Office (“USPTO”). Further, if we encounter delays in our clinical trials or delays in obtaining regulatory approval, the period of time during which we could market our programs under patent protection would be reduced. Thus, the patents that we may own and license may not afford us any meaningful competitive advantage.

In addition to seeking patents for some of our technology and programs, we may also rely on trade secrets, including unpatented know-how, technology and other proprietary information, to maintain our competitive position. Any disclosure, either intentional or unintentional, by our employees, the employees of third parties with whom we share our facilities or third-party consultants and vendors that we engage to perform research, clinical trials or manufacturing activities, or misappropriation by third parties (such as through a cybersecurity breach) of our trade secrets or proprietary information could enable competitors to duplicate or surpass our technological achievements, thus eroding our competitive position in our market. In order to protect our proprietary technology and processes, we rely in part on confidentiality agreements with our collaborators, employees, consultants, outside scientific collaborators and sponsored researchers and other advisors. These agreements may not effectively prevent disclosure of confidential information and may not provide an adequate remedy in the event of unauthorized disclosure of confidential information. We may need to share our proprietary information, including trade secrets, with future business partners, collaborators, contractors and others located in countries at heightened risk of theft of trade secrets, including through direct intrusion by private parties or foreign actors and those affiliated with or controlled by state actors. In addition, while the company undertakes efforts to protect its trade secrets and other confidential information from disclosure, others may independently discover trade secrets and proprietary information, and in such cases, we may not be able to assert any trade secret rights against such party. Costly and time-consuming litigation could be necessary to

enforce and determine the scope of our proprietary rights and failure to obtain or maintain trade secret protection could adversely affect our competitive business position.

Lastly, if our trademarks and trade names are not registered or adequately protected, then we may not be able to build name recognition in our markets of interest and our business may be adversely affected.

We may not be successful in obtaining or maintaining necessary rights to our programs through acquisitions and in-licenses.

Because our development programs currently do and may in the future require the use of proprietary rights held by third parties, the growth of our business may depend in part on our ability to acquire, in-license, or use these third-party proprietary rights. We may be unable to acquire or in-license any compositions, methods of use, processes or other third-party intellectual property rights from third parties that we identify as necessary for our programs. The licensing and acquisition of third-party intellectual property rights is a competitive area, and a number of more established companies may pursue strategies to license or acquire third-party intellectual property rights that we may consider attractive or necessary. These established companies may have a competitive advantage over us due to their size, capital resources and greater clinical development and commercialization capabilities. In addition, companies that perceive us to be a competitor may be unwilling to assign or license rights to us. We also may be unable to license or acquire third-party intellectual property rights on terms that would allow us to make an appropriate return on our investment or at all. If we are unable to successfully obtain rights to required third-party intellectual property rights or maintain the existing intellectual property rights we have, we may have to abandon development of the relevant program, which could have a material adverse effect on our business, financial condition, results of operations, and prospects.

While we normally seek to obtain the right to control prosecution, maintenance and enforcement of the patents relating to our programs, there may be times when the filing and prosecution activities for patents and patent applications relating to our programs are controlled by our current and future licensors or collaboration partners. If any of our current and future licensors or collaboration partners fail to prosecute, maintain and enforce such patents and patent applications in a manner consistent with the best interests of our business, including by payment of all applicable fees for patents covering our programs, we could lose our rights to the intellectual property or our exclusivity with respect to those rights, our ability to develop and commercialize those programs may be adversely affected and we may not be able to prevent competitors from making, using and selling competing products. In addition, even where we have the right to control patent prosecution of patents and patent applications we have licensed to and from third parties, we may still be adversely affected or prejudiced by actions or inactions of our licensees, our current and future licensors and their counsel that took place prior to the date upon which we assumed control over patent prosecution.

Our current and future licensors may rely on third-party consultants or collaborators or on funds from third parties such that our current and future licensors are not the sole and exclusive owners of the patents we in-license. If other third parties have ownership rights to our current and future in-licensed patents, they may be able to license such patents to our competitors, and our competitors could market competing products and technology. This could have a material adverse effect on our competitive position, business, financial conditions, results of operations, and prospects.

It is possible that we may be unable to obtain licenses at a reasonable cost or on reasonable terms, if at all. Even if we are able to obtain a license, it may be non-exclusive, thereby giving our competitors access to the same technologies licensed to us. In that event, we may be required to expend significant time and resources to redesign our technology, programs, or the methods for manufacturing them or to develop or license replacement technology, all of which may not be feasible on a technical or commercial basis. If we are unable to do so, we may be unable to develop or commercialize the affected programs, which could harm our business, financial condition, results of operations, and prospects significantly. We cannot provide any assurances that third-party patents do not exist which might be enforced against our current technology, manufacturing methods, programs,

or future methods or products resulting in either an injunction prohibiting our manufacture or future sales, or, with respect to our future sales, an obligation on our part to pay royalties and/or other forms of compensation to third parties, which could be significant.

Disputes may arise between us and our current and future licensors regarding intellectual property subject to a license agreement, including: the scope of rights granted under the license agreement and other interpretation- related issues; whether and the extent to which our technology and processes infringe on intellectual property of the licensor that is not subject to the licensing agreement; our right to sublicense patents and other rights to third parties; our right to transfer or assign the license; the inventorship and ownership of inventions and know-how resulting from the joint creation or use of intellectual property by our current and future licensors and us and our partners; and the priority of invention of patented technology.

We may be subject to patent infringement claims or may need to file claims to protect our intellectual property, which could result in substantial costs and liability and prevent us from commercializing our potential products.

Because the intellectual property landscape in the biotechnology industry is rapidly evolving and interdisciplinary, it is difficult to conclusively assess our freedom to operate and guarantee that we can operate without infringing on or violating third party rights. If certain of our programs are ultimately granted regulatory approval, patent rights held by third parties, if found to be valid and enforceable, could be alleged to render one or more of our programs infringing. If a third party successfully brings a claim against us, we may be required to pay substantial damages, be forced to abandon any affected program and/or seek a license from the patent holder. In addition, any intellectual property claims (e.g. patent infringement or trade secret theft) brought against us, whether or not successful, may cause us to incur significant legal expenses and divert the attention of our management and key personnel from other business concerns. We cannot be certain that patents owned or licensed by us will not be challenged by others in the course of litigation. Some of our competitors may be able to sustain the costs of complex intellectual property litigation more effectively than we can because they have substantially greater resources. In addition, any uncertainties resulting from the initiation and continuation of any litigation could have a material adverse effect on our ability to raise funds and on the market price of our Common Stock.

Competitors may infringe or otherwise violate our patents, trademarks, copyrights or other intellectual property. To counter infringement or other violations, we may be required to file claims, which can be expensive and time-consuming. Any such claims could provoke these parties to assert counterclaims against us, including claims alleging that we infringe their patents or other intellectual property rights. In addition, in a patent infringement proceeding, a court or administrative body may decide that one or more of the patents we assert is invalid or unenforceable, in whole or in part, construe the patent's claims narrowly or refuse to prevent the other party from using the technology at issue on the grounds that our patents do not cover the technology. Similarly, if we assert trademark infringement claims, a court or administrative body may determine that the marks we have asserted are invalid or unenforceable or that the party against whom we have asserted trademark infringement has superior rights to the marks in question. In such a case, we could ultimately be forced to cease use of such marks. In any intellectual property litigation, even if we are successful, any award of monetary damages or other remedy we receive may not be commercially valuable.

Further, we may be required to protect our patents through procedures created to attack the validity of a patent at the USPTO. An adverse determination in any such submission or proceeding could reduce the scope or enforceability of, or invalidate, our patent rights, which could adversely affect our competitive position. Because of a lower evidentiary standard in USPTO proceedings compared to the evidentiary standard in United States federal courts necessary to invalidate a patent claim, a third party could potentially provide evidence in a USPTO proceeding sufficient for the USPTO to hold a claim invalid even though the same evidence would be insufficient to invalidate the claim if first presented in a district court action.

In addition, if our programs are found to infringe the intellectual property rights of third parties, these third parties may assert infringement claims against our future licensees and other parties with whom we have business relationships and we may be required to indemnify those parties for any damages they suffer as a result of these claims, which may require us to initiate or defend protracted and costly litigation on behalf of licensees and other parties regardless of the merits of such claims. If any of these claims succeed, we may be forced to pay damages on behalf of those parties or may be required to obtain licenses for the products they use.

Furthermore, because of the substantial amount of discovery required in connection with intellectual property litigation or other legal proceedings relating to our intellectual property rights, there is a risk that some of our confidential information could be compromised by disclosure during this type of litigation or other proceedings.

We may be subject to claims that we have wrongfully hired an employee from a competitor or that our employees, consultants or independent contractors have wrongfully used or disclosed confidential information of third parties.

As is common in the biotechnology industry, in addition to our employees, we engage the services of consultants to assist us in the development of our programs. Many of these consultants, and many of our employees, were previously employed at, or may have previously provided or may be currently providing consulting services to, other biotechnology or pharmaceutical companies including our competitors or potential competitors. We could in the future be subject to claims that we or our employees have inadvertently or otherwise used or disclosed alleged trade secrets or other confidential information of former employers or competitors. Although we try to ensure that our employees and consultants do not use the intellectual property, proprietary information, know-how or trade secrets of others in their work for us, we may become subject to claims that we caused an employee to breach the terms of his or her non-competition or non-solicitation agreement, or that we or these individuals have, inadvertently or otherwise, used or disclosed the alleged trade secrets or other proprietary information of a former employer or competitor.

While we may litigate to defend ourselves against these claims, even if we are successful, litigation could result in substantial costs and could be a distraction to management. If our defenses to these claims fail, in addition to requiring us to pay monetary damages, a court could prohibit us from using technologies or features that are essential to our programs, if such technologies or features are found to incorporate or be derived from the trade secrets or other proprietary information of the former employers. Moreover, any such litigation or the threat thereof may adversely affect our reputation, our ability to form strategic alliances or sublicense our rights to collaborators, engage with scientific advisors or hire employees or consultants, each of which would have an adverse effect on our business, results of operations and financial condition. Even if we are successful in defending against such claims, litigation could result in substantial costs and be a distraction to management.

Changes to patent laws in the United States and other jurisdictions could diminish the value of patents in general, thereby impairing our ability to protect our products.

Changes in either the patent laws or interpretation of patent laws in the United States, including patent reform legislation such as the Leahy-Smith America Invents Act (the “Leahy-Smith Act”) could increase the uncertainties and costs surrounding the prosecution of our owned and in-licensed patent applications and the maintenance, enforcement or defense of our owned and in-licensed issued patents. The Leahy-Smith Act includes a number of significant changes to United States patent law. These changes include provisions that affect the way patent applications are prosecuted, redefine prior art, provide more efficient and cost-effective avenues for competitors to challenge the validity of patents, and enable third-party submission of prior art to the USPTO during patent prosecution and additional procedures to attack the validity of a patent at USPTO-administered post-grant proceedings, including post-grant review, inter partes review and derivation proceedings. Assuming that other requirements for patentability are met, prior to March 2013, in the United States, the first to invent the claimed invention was entitled to the patent, while outside the United States, the first to file a patent application was entitled to the patent. After March 2013, under the Leahy-Smith Act, the United States transitioned to a

first-to-file system in which, assuming that the other statutory requirements for patentability are met, the first inventor to file a patent application will be entitled to the patent on an invention regardless of whether a third party was the first to invent the claimed invention. As such, the Leahy-Smith Act and its implementation could increase the uncertainties and costs surrounding the prosecution of our patent applications and the enforcement or defense of our issued patents, all of which could have a material adverse effect on our business, financial condition, results of operations and prospects.

In addition, the patent positions of companies in the development and commercialization of biologics and pharmaceuticals are particularly uncertain. U.S. Supreme Court and U.S. Court of Appeals for the Federal Circuit rulings have narrowed the scope of patent protection available in certain circumstances and weakened the rights of patent owners in certain situations, including in the antibody arts. This combination of events has created uncertainty with respect to the validity and enforceability of patents once obtained. Depending on future actions by the U.S. Congress, the federal courts and the USPTO, the laws and regulations governing patents could change in unpredictable ways that could have a material adverse effect on our patent rights and our ability to protect, defend and enforce our patent rights in the future.

Geopolitical instability in the United States and in foreign countries could increase the uncertainties and costs surrounding the prosecution or maintenance of patent applications and the maintenance, enforcement or defense of issued patents. For example, the United States and foreign government actions related to Russia's invasion of Ukraine may limit or prevent filing, prosecution and maintenance of patent applications in Russia. Government actions may also prevent maintenance of issued patents in Russia. These actions could result in abandonment or lapse of patents or patent applications, resulting in partial or complete loss of patent rights in Russia. If such an event were to occur, it could have a material adverse effect on our business. In addition, a decree was adopted by the Russian government in March 2022, allowing Russian companies and individuals to exploit inventions owned by patentees that have citizenship or nationality in, are registered in, or have predominately primary place of business or profit-making activities in the United States and other countries that Russia has deemed unfriendly without consent or compensation. Consequently, we would not be able to prevent third parties from practicing our inventions in Russia or from selling or importing products made using our inventions in and into Russia. Accordingly, our competitive position may be impaired, and our business, financial condition, results of operations and prospects may be adversely affected.

In addition, a European Unified Patent Court ("UPC") entered into force on June 1, 2023. The UPC is a common patent court that hears patent infringement and revocation proceedings effective for member states of the EU. This could enable third parties to seek revocation of a European patent in a single proceeding at the UPC rather than through multiple proceedings in each of the jurisdictions in which the European patent is validated. Although we do not currently own any European patents or applications, if we obtain such patents and applications in the future, any such revocation and loss of patent protection could have a material adverse impact on our business and our ability to commercialize or license our technology and products. Moreover, the controlling laws and regulations of the UPC will develop over time, and may adversely affect our ability to enforce or defend the validity of any European patents we may obtain. We may decide to opt out from the UPC any future European patent applications that we may file and any patents we may obtain. If certain formalities and requirements are not met, however, such European patents and patent applications could be challenged for non-compliance and brought under the jurisdiction of the UPC. We cannot be certain that future European patents and patent applications will avoid falling under the jurisdiction of the UPC, if we decide to opt out of the UPC.

Obtaining and maintaining patent protection depends on compliance with various procedural, document submissions, fee payment and other requirements imposed by governmental patent agencies, and our patent protection could be reduced or eliminated for non-compliance with these requirements.

Periodic maintenance fees, renewal fees, annuities fees and various other governmental fees on patents and/or patent applications are due to be paid to the USPTO and foreign patent agencies in several stages over the

lifetime of the patent and/or patent application. The USPTO and various foreign governmental patent agencies also require compliance with a number of procedural, documentary, fee payment and other similar provisions during the patent application process. While an inadvertent lapse can in many cases be cured by payment of a late fee or by other means in accordance with the applicable rules, there are situations in which noncompliance can result in abandonment or lapse of the patent or patent application, resulting in partial or complete loss of patent rights in the relevant jurisdiction.

Non-compliance events that could result in abandonment or lapse of a patent or patent application include, but are not limited to, failure to respond to official actions within prescribed time limits, non-payment of fees and failure to properly legalize and submit formal documents. If we fail to maintain the patents and patent applications covering our programs, our competitive position would be adversely affected.

We may not identify relevant third-party patents or may incorrectly interpret the relevance, scope or expiration of a third-party patent, which might adversely affect our ability to develop and market our products.

We cannot guarantee that any of our patent searches or analyses, including the identification of relevant patents, the scope of patent claims or the expiration of relevant patents, are complete or thorough, nor can we be certain that we have identified each and every third-party patent and pending application in the United States and abroad that is relevant to or necessary for the commercialization of our programs in any jurisdiction. The scope of a patent claim is determined by an interpretation of the law, the written disclosure in a patent and the patent's prosecution history. Our interpretation of the relevance or the scope of a patent or a pending application may be incorrect. For example, we may incorrectly determine that our products are not covered by a third-party patent or may incorrectly predict whether a third-party's pending application will issue with claims of relevant scope. Our determination of the expiration date of any patent in the United States or abroad that we consider relevant may be incorrect. Our failure to identify and correctly interpret relevant patents may negatively impact our ability to develop and market our products.

In addition, because some patent applications in the United States may be maintained in secrecy until the patents are issued, patent applications in the United States and many foreign jurisdictions are typically not published until 18 months after filing, and publications in the scientific literature often lag behind actual discoveries, we cannot be certain that others have not filed patent applications for technology covered by our issued patents or our pending applications, or that we were the first to invent the technology. Our competitors may have filed, and may in the future file, patent applications covering our products or technology similar to ours. Any such patent application may have priority over our patent applications or patents, which could require us to obtain rights to issued patents covering such technologies.

We may become subject to claims challenging the inventorship or ownership of our patents and other intellectual property.

We may be subject to claims that former employees, collaborators or other third parties have an interest in our patents or other intellectual property as an inventor or co-inventor. The failure to name the proper inventors on a patent application can result in the patents issuing thereon being unenforceable. Inventorship disputes may arise from conflicting views regarding the contributions of different individuals named as inventors, the effects of foreign laws where foreign nationals are involved in the development of the subject matter of the patent, conflicting obligations of third parties involved in developing our programs or as a result of questions regarding co-ownership of potential joint inventions. Litigation may be necessary to resolve these and other claims challenging inventorship and/or ownership. Alternatively, or additionally, we may enter into agreements to clarify the scope of our rights in such intellectual property. If we fail in defending any such claims, in addition to paying monetary damages, we may lose valuable intellectual property rights, such as exclusive ownership of, or right to use, valuable intellectual property. Such an outcome could have a material adverse effect on our business. Even if we are successful in defending against such claims, litigation could result in substantial costs and be a distraction to management and other employees.

Our current and future licensors may have relied on third-party consultants or collaborators or on funds from third parties, such as the U.S. government, such that our licensors are not the sole and exclusive owners of the

patents we in-licensed. For example, certain intellectual property we license from the University of Texas at Austin includes inventions that were made with U.S. government support. The U.S. government therefore has certain rights in such inventions under the applicable funding agreements and under applicable law. If other third parties have ownership rights or other rights to our in-licensed patents, they may be able to license such patents to our competitors, and our competitors could market competing products and technology. This could have a material adverse effect on our competitive position, business, financial conditions, results of operations, and prospects.

Patent terms may be inadequate to protect the competitive position of our programs for an adequate amount of time.

Patents have a limited lifespan. In the United States, if all maintenance fees are timely paid, the natural expiration of a patent is generally 20 years from its earliest United States non-provisional filing date. Various extensions may be available, but the life of a patent, and the protection it affords, is limited. Even if patents covering our programs are obtained, once the patent life has expired, we may be open to competition from competitive products, including generics or biosimilars. Given the amount of time required for the development, testing and regulatory review of new programs, patents protecting such programs might expire before or shortly after such programs are commercialized. As a result, our owned and licensed patent portfolio may not provide us with sufficient rights to exclude others from commercializing products similar or identical to ours.

Our technology licensed from various third parties may be subject to retained rights.

Our current or future licensors may retain certain rights under the relevant agreements with us, including the right to use the underlying technology for noncommercial academic and research use, to publish general scientific findings from research related to the technology, and to make customary scientific and scholarly disclosures of information relating to the technology. It is difficult to monitor whether our licensors limit their use of the technology to these uses, and we could incur substantial expenses to enforce our rights to our licensed technology in the event of misuse.

Risks Related to Our Reliance on Third Parties

We rely on collaborations and licensing arrangements with third parties, including our arrangement with Paragon. If we are unable to maintain these collaborations or licensing arrangements, or if these collaborations or licensing arrangements are not successful, our business could be negatively impacted.

We currently rely on our collaborations and licensing arrangements with third parties, including Paragon, for a substantial portion of our discovery capabilities and in-licenses.

Collaborations or licensing arrangements that we enter into may not be successful, and any success will depend heavily on the efforts and activities of such collaborators or licensors. If any of our collaborators or licensors experiences delays in performance of, or fails to perform its obligations under their agreement with us, disagrees with our interpretation of the terms of such agreement or terminates their agreement with us, the research programs with respect to which we have exercised the Option to acquire intellectual property license rights to or have the Option to acquire intellectual property license rights to pursuant to the Paragon Agreement and development timeline could be adversely affected. If we fail to comply with any of the obligations under our collaborations or license agreements, including payment terms and diligence terms, our collaborators or licensors may have the right to terminate such agreements, in which event we may lose intellectual property rights and may not be able to develop, manufacture, market or sell the products covered by our agreements or may face other penalties under our agreements. Our collaborators and licensors may also fail to properly maintain or defend the intellectual property we have licensed from them, if required by our agreement with them, or even infringe upon, our intellectual property rights, leading to the potential invalidation of our intellectual property or subjecting us to litigation or arbitration, any of which would be time-consuming and expensive and could harm

our ability to commercialize our programs. In addition, collaborators could independently develop, or develop with third parties, products that compete directly or indirectly with our programs and products if the collaborators believe that the competitive products are more likely to be successfully developed or can be commercialized under terms that are more economically attractive than ours.

As part of our strategy, we plan to evaluate additional opportunities to enhance our capabilities and expand our development pipeline or provide development or commercialization capabilities that complement our own. We may not realize the benefits of such collaborations, alliances or licensing arrangements. Any of these relationships may require us to incur non-recurring and other charges, increase our near and long-term expenditures, issue securities that dilute our existing stockholders or disrupt our management and business.

We may face significant competition in attracting appropriate collaborators, and more established companies may also be pursuing strategies to license or acquire third-party intellectual property rights that we consider attractive. These companies may have a competitive advantage over us due to their size, financial resources and greater clinical development and commercialization capabilities. In addition, companies that perceive us to be a competitor may be unwilling to assign or license rights to us. Whether we reach a definitive agreement for a collaboration will depend, among other things, upon our assessment of the collaborator's resources and expertise, the terms and conditions of the proposed collaboration and the proposed collaborator's evaluation of a number of factors. Collaborations are complex and time-consuming to negotiate, document and execute. In addition, consolidation among large pharmaceutical and biotechnology companies has reduced the number of potential future collaborators. We may not be able to negotiate additional collaborations on a timely basis, on acceptable terms or at all. If we fail to enter into collaborations and do not have sufficient funds or expertise to undertake the necessary development and commercialization activities, we may not be able to further develop our programs or bring them to market.

We currently rely, and plan to rely in the future, on third parties to conduct and support our preclinical studies and clinical trials. If these third parties do not properly and successfully carry out their contractual duties or meet expected deadlines, we may not be able to obtain regulatory approval of or commercialize our programs.

We have utilized and plan to continue to utilize and depend upon independent investigators and collaborators, such as medical institutions, CROs, contract testing labs and strategic partners, to conduct and support our preclinical studies and clinical trials under agreements with us. We will rely heavily on these third parties over the course of our preclinical studies and clinical trials, and we control only certain aspects of their activities. As a result, we will have less direct control over the conduct, timing and completion of these preclinical studies and clinical trials and the management of data developed through preclinical studies and clinical trials than would be the case if we were relying entirely upon our own staff. Nevertheless, we are responsible for ensuring that each of our studies and trials is conducted in accordance with the applicable protocol, legal, regulatory and scientific standards, and our reliance on these third parties does not relieve us of our regulatory responsibilities. We and our third-party contractors and CROs are required to comply with GCP regulations, which are regulations and guidelines enforced by the FDA and comparable foreign regulatory authorities for all of our programs in clinical development. If we or any of these third parties fail to comply with applicable GCP regulations, the clinical data generated in our clinical trials may be deemed unreliable and the FDA or comparable foreign regulatory authorities may require us to perform additional clinical trials before approving our marketing applications. We cannot assure you that upon inspection by a given regulatory authority, such regulatory authority will determine that any of our clinical trials comply with GCP regulations. In addition, our clinical trials must be conducted with products produced under cGMP regulations. Our failure to comply with these regulations may require us to repeat clinical trials, which would delay the regulatory approval process. Moreover, our business may be implicated if any of these third parties violates federal or state fraud and abuse or false claims laws and regulations or healthcare privacy and security laws.

Any third parties conducting our clinical trials will not be our employees and, except for remedies available to us under our agreements with such third parties, we cannot control whether they devote sufficient time and

resources to our programs. These third parties may be involved in mergers, acquisitions or similar transactions and may have relationships with other commercial entities, including our competitors, for whom they may also be conducting clinical trials or other product development activities, which could negatively affect their performance on our behalf and the timing thereof and could lead to products that compete directly or indirectly with our current or future programs. If these third parties do not successfully carry out their contractual duties or obligations or meet expected deadlines, if they need to be replaced or if the quality or accuracy of the clinical data they obtain is compromised due to the failure to adhere to our clinical protocols or regulatory requirements or for other reasons, our clinical trials may be extended, delayed or terminated and we may not be able to complete development of, obtain regulatory approval of or successfully commercialize our programs.

We currently rely and expect to rely in the future on the use of manufacturing suites in third-party facilities or on third parties to manufacture our programs, and we may rely on third parties to produce and process our products, if approved. Our business could be adversely affected if we are unable to use third-party manufacturing suites or if the third-party manufacturers encounter difficulties in production.

We do not currently own any facility that may be used as our clinical-scale manufacturing and processing facility and must currently rely on CMOs to manufacture our programs. We have not yet caused our programs to be manufactured on a commercial scale and may not be able to do so for any of our programs, if approved. We currently have a sole source relationship for our supply of the SPY001 program. If there should be any disruption in such supply arrangement, including any adverse events affecting our sole supplier, it could have a negative effect on the clinical development of our programs and other operations while we work to identify and qualify an alternate supply source. We may not control the manufacturing process of, and may be completely dependent on, our contract manufacturing partners for compliance with cGMP requirements and any other regulatory requirements of the FDA or comparable foreign regulatory authorities for the manufacture of our programs. Beyond periodic audits, we have no control over the ability of our CMOs to maintain adequate quality control, quality assurance and qualified personnel. If the FDA or a comparable foreign regulatory authority does not approve these facilities for the manufacture of our programs or if it withdraws any approval in the future, we may need to find alternative manufacturing facilities, which would require the incurrence of significant additional costs and materially adversely affect our ability to develop, obtain regulatory approval for or market our programs, if approved. Similarly, our failure, or the failure of our CMOs, to comply with applicable regulations could result in sanctions being imposed on us, including fines, injunctions, civil penalties, delays, suspension or withdrawal of approvals, license revocation, seizures or recalls of programs or drugs, operating restrictions and criminal prosecutions, any of which could significantly and adversely affect supplies of our programs or drugs and harm our business and results of operations.

Moreover, our CMOs may experience manufacturing difficulties due to resource constraints, supply chain issues, or as a result of labor disputes or unstable political environments. If any CMOs on which we will rely fail to manufacture quantities of our programs at quality levels necessary to meet regulatory requirements and at a scale sufficient to meet anticipated demand at a cost that allows us to achieve profitability, our business, financial condition and prospects could be materially and adversely affected. In addition, our CMOs are responsible for transporting temperature controlled materials that can be inadvertently degraded during transport due to several factors, rendering certain batches unsuitable for trial use for failure to meet, among others, our integrity and purity specifications. We and any of our CMOs may also face product seizure or detention or refusal to permit the import or export of products. Our business could be materially adversely affected by business disruptions to our third-party providers that could materially adversely affect our anticipated timelines, potential future revenue and financial condition and increase our costs and expenses. Each of these risks could delay or prevent the completion of our preclinical studies and clinical trials or the approval of any of our programs by the FDA, result in higher costs or adversely impact commercialization of our programs.

Risks Related to Employee Matters, Managing Growth and Other Risks Related to Our Business

In order to successfully implement our plans and strategies, we will need to grow the size of our organization and we may experience difficulties in managing this growth.

We expect to experience significant growth in the number of our employees and the scope of our operations, particularly in the areas of preclinical and clinical drug development, technical operations, clinical operations, regulatory affairs and, potentially, sales and marketing. To manage our anticipated future growth, we must continue to implement and improve our managerial, operational and financial personnel and systems, expand our facilities and continue to recruit and train additional qualified personnel. Due to our limited financial resources and the limited experience of our management team working together in managing a company with such anticipated growth, we may not be able to effectively manage the expansion of our operations or recruit and train additional qualified personnel.

We are highly dependent on our key personnel and anticipate hiring new key personnel. If we are not successful in attracting and retaining highly qualified personnel, we may not be able to successfully implement our business strategy.

We are a preclinical stage biotechnology company with a limited operating history, and, as of November 9, 2023, we had 26 employees. We have been and will continue to be highly dependent on the research and development, clinical and business development expertise of our executive officers, as well as the other principal members of our management, scientific and clinical team. Any of our management team members may terminate their employment with us at any time. We do not maintain “key person” insurance for any of our executives or other employees.

Attracting and retaining qualified personnel will also be critical to our success, including with respect to any strategic transaction that we may pursue. The loss of the services of our executive officers or other key employees could impede the achievement of our research, development and commercialization objectives and seriously harm our ability to successfully implement our business strategy. Furthermore, replacing executive officers and key employees may be difficult and may take an extended period of time because of the limited number of individuals in our industry with the breadth of skills and experience required to successfully develop, facilitate regulatory approval of and commercialize product candidates. Competition to hire from this limited pool is intense, and we may be unable to hire, train, retain or motivate these key personnel on acceptable terms given the competition among numerous pharmaceutical and biotechnology companies for similar personnel. We also experience competition for the hiring of scientific and clinical personnel from universities and research institutions.

In addition, we rely on consultants and advisors, including scientific and clinical advisors, to assist us in formulating our discovery and nonclinical and clinical development and commercialization strategy. Our consultants and advisors may be employed by employers other than us and may have commitments under consulting or advisory contracts with other entities that may limit their availability to us. If we are unable to continue to attract and retain high quality personnel, our ability to pursue our growth strategy will be limited.

Our future growth may depend, in part, on our ability to operate in foreign markets, where we would be subject to additional regulatory burdens and other risks and uncertainties.

Our future growth may depend, in part, on our ability to develop and commercialize our programs in foreign markets for which we may rely on collaboration with third parties. We are not permitted to market or promote any of our programs before we receive regulatory approval from the applicable foreign regulatory authority, and may never receive such regulatory approval for any of our programs. To obtain separate regulatory approval in many other countries, we must comply with numerous and varying regulatory requirements of such countries regarding safety and efficacy and governing, among other things, clinical trials and commercial sales, pricing and distribution of our programs, and we cannot predict success in these jurisdictions. If we fail to comply with the

regulatory requirements in international markets and receive applicable marketing approvals, our target market will be reduced and our ability to realize the full market potential of our programs will be harmed and our business will be adversely affected. Moreover, even if we obtain approval of our programs and ultimately commercialize our programs in foreign markets, we would be subject to the risks and uncertainties, including the burden of complying with complex and changing foreign regulatory, tax, accounting and legal requirements and reduced protection of intellectual property rights in some foreign countries.

Our employees, independent contractors, consultants, commercial collaborators, principal investigators, CROs, CMOs, suppliers and vendors may engage in misconduct or other improper activities, including noncompliance with regulatory standards and requirements.

We are exposed to the risk that our employees, independent contractors, consultants, commercial collaborators, principal investigators, CROs, CMOs, suppliers and vendors acting for or on our behalf may engage in misconduct or other improper activities. We have adopted a code of conduct and ethics, but it is not always possible to identify and deter misconduct by these parties and the precautions we take to detect and prevent this activity may not be effective in controlling unknown or unmanaged risks or losses or in protecting us from governmental investigations or other actions or lawsuits stemming from a failure to comply with these laws or regulations.

Our internal computer systems, or those of any of our CROs, manufacturers, other contractors or consultants, third party service providers, or potential future collaborators, may fail or suffer security or data privacy breaches or other unauthorized or improper access to, use of, or destruction of our proprietary or confidential data, employee data or personal data, which could result in additional costs, loss of revenue, significant liabilities, harm to our brand and material disruption of our operations.

Despite the implementation of security measures in an effort to protect systems that store our information, given their size and complexity and the increasing amounts of information maintained on our internal information technology systems and those of our third-party CROs, other contractors (including sites performing our clinical trials), third party service providers and supply chain companies, and consultants, these systems are potentially vulnerable to breakdown or other damage or interruption from service interruptions, system malfunction, natural disasters, terrorism, war and telecommunication and electrical failures, as well as security breaches from inadvertent or intentional actions by our employees, contractors, consultants, business partners and/or other third parties, or from cyber-attacks by malicious third parties, which may compromise our system infrastructure or lead to the loss, destruction, alteration or dissemination of, or damage to, our data. To the extent that any disruption or security breach were to result in loss, destruction, unavailability, alteration or dissemination of, or damage to, our data or applications, or for it to be believed or reported that any of these occurred, we could incur liability and reputational damage and the development and commercialization of our programs could be delayed. Further, our insurance policies may not be adequate to compensate us for the potential losses arising from any such disruption in, or failure or security breach of, our systems or third-party systems where information important to our business operations or commercial development is stored.

Our fully-remote workforce may create additional risks for our information technology systems and data because our employees work remotely and utilize network connections, computers, and devices working at home, while in transit and in public locations. Additionally, business transactions (such as acquisitions or integrations) could expose us to additional cybersecurity risks and vulnerabilities, as our systems could be negatively affected by vulnerabilities present in acquired or integrated entities' systems and technologies.

While we have implemented security measures designed to protect against security incidents, there can be no assurance that these measures will be effective. We may be unable in the future to detect vulnerabilities in our information technology systems because such threats and techniques change frequently, are often sophisticated in nature, and may not be detected until after a security incident has occurred. Further, we may experience delays in developing and deploying remedial measures designed to address any such identified vulnerabilities. Applicable

data privacy and security obligations may require us to notify relevant stakeholders of security incidents. Such disclosures are costly, and the disclosure or the failure to comply with such requirements could lead to adverse consequences.

We rely on third-party service providers and technologies to operate critical business systems to process sensitive information in a variety of contexts. Our ability to monitor these third parties' information security practices is limited, and these third parties may not have adequate information security measures in place. If our third-party service providers experience a security incident or other interruption, we could experience adverse consequences. While we may be entitled to damages if our third-party service providers fail to satisfy their privacy or security-related obligations to us, any award may be insufficient to cover our damages, or we may be unable to recover such award. In addition, supply-chain attacks have increased in frequency and severity, and we cannot guarantee that third parties' infrastructure in our supply chain or our third-party partners' supply chains have not been compromised.

If we (or a third party upon whom we rely) experience a security incident or are perceived to have experienced a security incident, we may experience adverse consequences, such as government enforcement actions (for example, investigations, fines, penalties, audits, and inspections); additional reporting requirements and/or oversight; restrictions on processing sensitive information (including personal data); litigation (including class claims); indemnification obligations; negative publicity; reputational harm; monetary fund diversions; interruptions in our operations (including availability of data); financial loss; and other similar harms. Security incidents and attendant consequences may cause stakeholders (including investors and potential customers) to stop supporting our platform, deter new customers from products, and negatively impact our ability to grow and operate our business.

Our contracts may not contain limitations of liability, and even where they do, there can be no assurance that limitations of liability in our contracts are sufficient to protect us from liabilities, damages, or claims related to our data privacy and security obligations. We cannot be sure that our insurance coverage will be adequate or sufficient to protect us from or to mitigate liabilities arising out of our privacy and security practices, that such coverage will continue to be available on commercially reasonable terms or at all, or that such coverage will pay future claims.

Our ability to use our net operating loss carryforwards and certain other tax attributes may be limited.

Under Section 382 of the Internal Revenue Code of 1986, as amended (the "Code"), if a corporation undergoes an "ownership change," generally defined as a greater than 50% change (by value) in its equity ownership over a three-year period, the corporation's ability to use its pre-change net operating loss carryforwards, or NOLs, and other pre-change tax attributes (such as research tax credits) to offset its post-change income or taxes may be limited. Upon certain events since our conversion from a Delaware limited liability company to a Delaware corporation in 2015, it is possible that we may have triggered an "ownership change" limitation. We may also experience ownership changes in the future as a result of subsequent shifts in our stock ownership (some of which are outside of our control). As a result, if we earn net taxable income, our ability to use our pre-change NOLs and other pre-change tax attributes to offset U.S. federal taxable income or taxes may be subject to limitations, which could potentially result in increased future tax liability to us. Our NOLs and other tax attributes arising before our conversion from a Delaware limited liability company to a Delaware corporation in 2015 also may be limited by the Separate Return Limitation Year rule, which could increase our U.S. federal tax liability. In addition, at the state level, there may be periods during which the use of NOLs is suspended or otherwise limited, which could accelerate or permanently increase state taxes owed.

We are subject to stringent and changing laws, regulations and standards, and contractual obligations relating to privacy, data protection, and data security. The actual or perceived failure to comply with such obligations could lead to government enforcement actions (which could include civil or criminal penalties), fines and sanctions, private litigation and/or adverse publicity and could negatively affect our operating results and business.

We, and third parties who we work with are or may become subject to numerous domestic and foreign laws, regulations, and standards relating to privacy, data protection, and data security, the scope of which is changing, subject to differing applications and interpretations, and may be inconsistent among countries, or conflict with other rules. We are or may become subject to the terms of contractual obligations related to privacy, data protection and data security. Our obligations may also change or expand as our business grows. The actual or perceived failure by us or third parties related to us to comply with such laws, regulations and obligations could increase our compliance and operational costs, expose us to regulatory scrutiny, actions, fines and penalties, result in reputational harm, lead to a loss of customers, result in litigation and liability, and otherwise cause a material adverse effect on our business, financial condition, and results of operations.

If we fail to comply with environmental, health and safety laws and regulations, we could become subject to fines or penalties or incur costs that could have a material adverse effect on the success of our business.

We are subject to numerous environmental, health and safety laws and regulations, including those governing laboratory procedures and the handling, use, storage, treatment and disposal of hazardous materials and wastes. Our operations may involve the use of hazardous and flammable materials, including chemicals and biological and radioactive materials. In addition, we may incur substantial costs in order to comply with current or future environmental, health and safety laws and regulations. These current or future laws and regulations may impair our research, development or commercialization efforts. Failure to comply with these laws and regulations also may result in substantial fines, penalties or other sanctions.

We may be subject to adverse legislative or regulatory tax changes that could negatively impact our financial condition.

The rules dealing with U.S. federal, state and local income taxation are constantly under review by persons involved in the legislative process and by the Internal Revenue Service and the U.S. Treasury Department. Changes to tax laws (which changes may have retroactive application) could adversely affect our stockholders or us. We assess the impact of various tax reform proposals and modifications to existing tax treaties in all jurisdictions where we have operations to determine the potential effect on our business and any assumptions we have made about our future taxable income. We cannot predict whether any specific proposals will be enacted, the terms of any such proposals or what effect, if any, such proposals would have on our business if they were to be enacted. For example, the United States recently enacted the Inflation Reduction Act of 2022, which implements, among other changes, a 1% excise tax on certain stock buybacks. In addition, beginning in 2022, the Tax Cuts and Jobs Act eliminated the previously available option to deduct research and development expenditures and requires taxpayers to amortize them generally over five years for research activities conducted in the United States and over 15 years for research activities conducted outside the United States. The U.S. Congress is considering legislation that would restore the current deductibility of research and development expenditures; however, we have no assurance that the provision will be repealed or otherwise modified. Such changes, among others, may adversely affect our effective tax rate, results of operation and general business condition.

We may acquire businesses or products, or form strategic alliances, in the future, and may not realize the benefits of such acquisitions.

We may acquire additional businesses or products, form strategic alliances, or create joint ventures with third parties that we believe will complement or augment our existing business. If we acquire businesses with

promising markets or technologies, we may not be able to realize the benefit of acquiring such businesses if we are unable to successfully integrate them with our existing operations and company culture. We may encounter numerous difficulties in developing, manufacturing and marketing any new programs or products resulting from a strategic alliance or acquisition that delay or prevent us from realizing their expected benefits or enhancing our business. There is no assurance that, following any such acquisition, we will achieve the synergies expected in order to justify the transaction, which could result in a material adverse effect on our business and prospects.

We maintain our cash at financial institutions, often in balances that exceed federally-insured limits. The failure of financial institutions could adversely affect our ability to pay our operational expenses or make other payments.

Our cash held in non-interest-bearing and interest-bearing accounts exceeds the Federal Deposit Insurance Corporation (“FDIC”) insurance limits. If such banking institutions were to fail, we could lose all or a portion of those amounts held in excess of such insurance limitations. For example, the FDIC took control of Silicon Valley Bank on March 10, 2023. The Federal Reserve subsequently announced that account holders would be made whole. However, the FDIC may not make all account holders whole in the event of future bank failures. In addition, even if account holders are ultimately made whole with respect to a future bank failure, account holders’ access to their accounts and assets held in their accounts may be substantially delayed. Any material loss that we may experience in the future or inability for a material time period to access our cash and cash equivalents could have an adverse effect on our ability to pay our operational expenses or make other payments, which could adversely affect our business.

Risks Related to Our Common Stock

Pursuant to the terms of the Acquisition Agreement, we are required to recommend that our stockholders approve the conversion of all outstanding shares of our Series A Preferred Stock into shares of our Common Stock. We cannot guarantee that our stockholders will approve this matter, and if they fail to do so, we may be required to settle such shares in cash and our operations may be materially harmed.

Under the terms of the Securities Purchase Agreement, we agreed to use reasonable best efforts to call and hold a meeting of our stockholders to obtain the requisite approval for the conversion of all outstanding shares of Series A Preferred Stock issued in the Transactions into shares of our Common Stock, as required by the Nasdaq listing rules, within 75 days from the closing of the Financing and, if such approval is not obtained at that meeting, to seek to obtain such approval at an annual or special stockholders meeting to be held at least every 90 days thereafter until such approval is obtained, which would be time consuming and costly. Additionally, if our stockholders do not timely approve the conversion of our Series A Preferred Stock, then the holders of our Series A Preferred Stock may be entitled to require us to settle their shares of Series A Preferred Stock for cash at a price per share equal to the fair value of the Series A Preferred Stock at such time, as described in our Certificate of Designation relating to the Series A Preferred Stock. If we are forced to settle a significant amount of the Series A Preferred Stock, it could materially affect our results of operations, including raising a substantial doubt about our ability to continue as a going concern within one year from the date of this registration statement.

Anti-takeover provisions in our charter documents and under Delaware law and the terms of some of our contracts could make an acquisition of us more difficult and may prevent attempts by our stockholders to replace or remove our management.

Provisions in our Certificate of Incorporation and Bylaws may delay or prevent an acquisition or a change in management. These provisions include a prohibition on actions by written consent of our stockholders and the ability of our board of directors to issue Preferred Stock without stockholder approval. In addition, because we are incorporated in Delaware, we are governed by the provisions of Section 203 of the Delaware General Corporation Law (the “DGCL”), which prohibits stockholders owning in excess of 15% of our outstanding voting stock from merging or combining with us. Although we believe these provisions collectively will provide

for an opportunity to receive higher bids by requiring potential acquirers to negotiate with our board of directors, they would apply even if the offer may be considered beneficial by some stockholders. In addition, these provisions may frustrate or prevent any attempts by our stockholders to replace or remove then current management by making it more difficult for stockholders to replace members of the board of directors, which is responsible for appointing the members of management.

In addition, the Certificate of Designation relating to our Series A Preferred Stock may delay or prevent a change in control of our company. At any time while at least 30% of the originally issued Series A Preferred Stock remains issued and outstanding, we may not consummate a Fundamental Transaction (as defined in the Certificate of Designation) or any merger or consolidation of the Company with or into another entity or any stock sale to, or other business combination in which our stockholders immediately before such transaction do not hold at least a majority of our capital stock immediately after such transaction, without the affirmative vote of the holders of a majority of the then outstanding shares of the Series A Preferred Stock. This provision of the Certificate of Designation may make it more difficult for us to enter into any of the aforementioned transactions.

Our Certificate of Incorporation provides that the Court of Chancery of the State of Delaware is the exclusive forum certain types of actions and proceedings that may be initiated by our stockholders, and our Bylaws designate the federal courts of the United States as the exclusive forum for actions arising under the Securities Act, each of which could limit our stockholders' ability to obtain a favorable judicial forum for disputes with us or our directors, officers, employees or agents.

Our Certificate of Incorporation provides that, unless we consent in writing to an alternative forum, the Court of Chancery of the State of Delaware will be the sole and exclusive forum for any derivative action or proceeding brought on our behalf, any action asserting a claim of breach of a fiduciary duty owed by any of our directors, officers, employees or agents to us or our stockholders, any action asserting a claim arising pursuant to any provision of the DGCL, our Certificate of Incorporation or our Bylaws or any action asserting a claim that is governed by the internal affairs doctrine, in each case subject to the Court of Chancery having personal jurisdiction over the indispensable parties named as defendants therein and the claim not being one which is vested in the exclusive jurisdiction of a court or forum other than the Court of Chancery or for which the Court of Chancery does not have subject matter jurisdiction. Any person purchasing or otherwise acquiring any interest in any shares of our capital stock shall be deemed to have notice of and to have consented to this provision of our Certificate of Incorporation.

Our Bylaws provide that the federal district courts of the United States of America will, to the fullest extent permitted by law, be the exclusive forum for resolving any complaint asserting a cause of action arising under the Securities Act (a "Federal Forum Provision"). Our decision to adopt a Federal Forum Provision followed a decision by the Supreme Court of the State of Delaware holding that such provisions are facially valid under Delaware law. While there can be no assurance that federal or state courts will follow the holding of the Delaware Supreme Court or determine that the Federal Forum Provision should be enforced in a particular case, application of the Federal Forum Provision means that suits brought by our stockholders to enforce any duty or liability created by the Securities Act must be brought in federal court and cannot be brought in state court.

These choice of forum provisions may limit our stockholders' ability to bring a claim in a judicial forum that it finds favorable for disputes with us or our directors, officers, employees or agents, which may discourage such lawsuits against us and our directors, officers, employees and agents even though an action, if successful, might benefit our stockholders. Stockholders who do bring a claim in the specified courts could face additional litigation costs in pursuing any such claim. The specified courts may also reach different judgments or results than would other courts, including courts where a stockholder considering an action may be located or would otherwise choose to bring the action, and such judgments or results may be more favorable to us than to our stockholders. Alternatively, if a court were to find these provisions of our governance documents inapplicable to, or unenforceable in respect of, one or more of the specified types of actions or proceedings, we may incur additional costs associated with resolving such matters in other jurisdictions, which could have a material adverse effect on our business, financial condition or results of operations.

We do not anticipate that we will pay any cash dividends in the foreseeable future.

The current expectation is that we will retain our future earnings, if any, to fund the development and growth of our business. As a result, capital appreciation, if any, of our Common Stock will be your sole source of gain, if any, for the foreseeable future.

Future sales of shares by existing stockholders could cause our stock price to decline.

Concurrently and in connection with the execution of the Acquisition Agreement, certain former Spyre securityholders as of immediately prior to the Asset Acquisition, and certain of our directors and officers as of immediately prior to the Asset Acquisition entered into lock-up agreements with us, pursuant to which each such stockholder is subject to a 180-day lockup on the sale or transfer of shares of our Common Stock held by each such stockholder at the closing of the Asset Acquisition, including those shares received by former Spyre securityholders in the Asset Acquisition. Upon expiration of this 180-day lockup period, these shares will become eligible for sale in the public market.

On June 22, 2023, we also entered into a registration rights agreement (the “New RRA”) with the Investors. Pursuant to the New RRA, we filed the Registration Statement. We will use our reasonable best efforts to cause this Registration Statement to be declared effective by the SEC as soon as practicable. If, following receipt of approval of the Conversion Proposal (as defined in the section titled “Description Of Capital Stock – Preferred Stock – Series A Preferred Stock” below), this Registration Statement is not declared effective prior to the Effectiveness Deadline (as defined in the New RRA), among other events (each event, a “Registration Failure”), then we will be required to make pro rata payments to each Investor of the then outstanding Registrable Securities in an amount equal to one percent (1.0%) of the aggregate amount invested by such Investor for the Registrable Securities then held by such Investor for the initial day of a Registration Failure and for each thirty (30) day period thereafter until the Registration Failure is cured. If this Registration Statement is declared effective, the shares subject to this Registration Statement will no longer constitute restricted securities and may be sold freely in the public markets, subject to lapse on any related contractual restrictions related thereto of any Investor and, for shares of Common Stock issuable upon the conversion of Series A Preferred Stock, the approval of our stockholders of such conversion.

If our stockholders sell, or indicate an intention to sell, substantial amounts of our Common Stock in the public market after legal restrictions on resale lapse, the trading price of our Common Stock could decline. In addition, shares of our Common Stock that are subject to our outstanding options will become eligible for sale in the public market to the extent permitted by the provisions of various vesting agreements and Rules 144 and 701 under the Securities Act.

Future sales and issuances of equity and debt could result in additional dilution to our stockholders.

We expect that we will need significant additional capital to fund our current and future operations, including to complete potential clinical trials for our product candidates. To raise capital, we may sell Common Stock, convertible securities, or other equity securities in one or more transactions at prices and in a manner we determine from time to time. As a result, our stockholders may experience additional dilution, which could cause our stock price to fall.

Pursuant to our equity incentive plans, we may grant equity awards and issue additional shares of our Common Stock to our employees, directors and consultants, and the number of shares of our Common Stock reserved for future issuance under certain of these plans will be subject to automatic annual increases in accordance with the terms of the plans. To the extent that new options are granted and exercised, or we issue additional shares of Common Stock in the future, our stockholders may experience additional dilution, which could cause our stock price to fall.

Our principal stockholders own a significant percentage of our stock and are able to exert significant control over matters subject to stockholder approval.

Our directors, officers, 5% stockholders, and their affiliates currently beneficially own a substantial portion of our outstanding voting stock. Therefore, these stockholders have the ability and may continue to have the ability to influence us through this ownership position. These stockholders may be able to determine some or all matters requiring stockholder approval. For example, these stockholders, acting together, may be able to control elections of directors, amendments of organizational documents, or approval of any merger, sale of assets, or other major corporate transaction. This may prevent or discourage unsolicited acquisition proposals or offers for our Common Stock that you may believe are in your best interest as one of our stockholders.

General Risk Factors

The market price of our Common Stock has historically been volatile, and the market price of our Common Stock may decline in the future.

The market price of our Common Stock has been, and may continue to be, subject to significant fluctuations. Market prices for securities of early-stage pharmaceutical, biotechnology, and other life sciences companies have historically been particularly volatile. Some of the factors that may cause the market price of our Common Stock to fluctuate include:

- our ability to obtain regulatory approvals for our product candidates, and delays or failures to obtain such approvals;
- failure of any of our product candidates, if approved, to achieve commercial success;
- failure to maintain our existing third-party license and supply agreements;
- changes in laws or regulations applicable to our product candidates;
- any inability to obtain adequate supply of our product candidates or the inability to do so at acceptable prices;
- adverse regulatory authority decisions;
- introduction of new products, services, or technologies by our competitors;
- failure to meet or exceed financial and development projections we may provide to the public and the investment community;
- the perception of the pharmaceutical industry by the public, legislatures, regulators, and the investment community;
- announcements of significant acquisitions, strategic collaborations, joint ventures, or capital commitments by us or our competitors;
- disputes or other developments relating to proprietary rights, including patents, litigation matters, and our ability to obtain patent protection for our technologies;
- additions or departures of key personnel;
- significant lawsuits, including patent or stockholder litigation;
- if securities or industry analysts do not publish research or reports about our business, or if they issue an adverse or misleading opinion regarding our business and stock;
- changes in the market valuations of similar companies;
- general market or macroeconomic conditions, including global inflationary pressures, rising interest rates, general economic slowdown or a recession, changes in monetary policy, instability in financial institutions and the prospect of a shutdown of the U.S. federal government;

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- geopolitical instability, including the ongoing military conflict in Ukraine, conflict in Israel and surrounding areas, and geopolitical tensions in China;
- sales of our Common Stock by us or our stockholders in the future;
- trading volume of our Common Stock;
- announcements by commercial partners or competitors of new commercial products, clinical progress or the lack thereof, significant contracts, commercial relationships, or capital commitments;
- the introduction of technological innovations or new therapies that compete with our potential products;
- changes in the structure of health care payment systems; and
- period-to-period fluctuations in our financial results.

Moreover, the capital markets in general have experienced substantial volatility that has often been unrelated to the operating performance of individual companies. These broad market fluctuations may also adversely affect the trading price of our Common Stock.

In the past, following periods of volatility in the market price of a company's securities, stockholders have often instituted class action securities litigation against those companies. Such litigation, if instituted, could result in substantial costs and diversion of management attention and resources, which could significantly harm our profitability and reputation.

We incur costs and demands upon management as a result of complying with the laws and regulations regulating public companies.

We incur significant legal, accounting, and other expenses associated with public company reporting requirements. We also incur costs associated with corporate governance requirements, including requirements under the Sarbanes-Oxley Act, as well as rules implemented by the SEC and Nasdaq. These rules and regulations increase our legal and financial compliance costs and make some activities more time-consuming and costly. These rules and regulations may also make it difficult and expensive for us to obtain directors' and officers' liability insurance. As a result, it may be more difficult for us to attract and retain qualified individuals to serve on our board of directors or as our executive officers, which may adversely affect investor confidence and could cause our business or stock price to suffer.

If equity research analysts do not publish research or reports, or publish unfavorable research or reports, about us, our business, or our market, our stock price and trading volume could decline.

The trading market for our Common Stock is influenced by the research and reports that equity research analysts publish about us and our business. Equity research analysts may elect not to provide research coverage of our Common Stock and such lack of research coverage may adversely affect the market price of our Common Stock. In the event we do have equity research analyst coverage, we will not have any control over the analysts or the content and opinions included in their reports. The price of our Common Stock could decline if one or more equity research analysts downgrade our stock or issue other unfavorable commentary or research. If one or more equity research analysts ceases coverage of us or fails to publish reports on us regularly, demand for our Common Stock could decrease, which in turn could cause our stock price or trading volume to decline.

If we fail to maintain proper and effective internal controls, our ability to produce accurate financial statements on a timely basis could be impaired, investors may lose confidence in the accuracy and completeness of our financial reports and the market price of our Common Stock may be negatively affected.

We are subject to the reporting requirements of the Exchange Act, the Sarbanes-Oxley Act, and the rules and regulations of Nasdaq. The Sarbanes-Oxley Act requires, among other things, that we maintain effective

disclosure controls and procedures and internal control over financial reporting. We must perform system and process evaluation and testing of our internal control over financial reporting to allow management to report on the effectiveness of our internal controls over financial reporting in our annual report filing for that year, as required by Section 404 of the Sarbanes-Oxley Act. This requires that we incur substantial professional fees and internal costs to expand our accounting and finance functions and that we expend significant management efforts. We may experience difficulty in meeting these reporting requirements in a timely manner for each period.

We may or any subsequent testing by our independent registered public accounting firm may discover weaknesses in our system of internal financial and accounting controls and procedures that could result in a material misstatement of our financial statements. Our internal control over financial reporting will not prevent or detect all errors and all fraud. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the control system's objectives will be met. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that misstatements due to error or fraud will not occur or that all control issues and instances of fraud will be detected.

If we are not able to comply with the requirements of Section 404 of the Sarbanes-Oxley Act, or if we are unable to maintain proper and effective internal controls, it could result in a material misstatement of our financial statements that would not be prevented or detected on a timely basis, which could require a restatement, cause us to be subject to sanctions or investigations by Nasdaq, the SEC, or other regulatory authorities, cause investors to lose confidence in our financial information, or cause our stock price to decline.

As a public company, we incur significant legal, accounting, insurance, and other expenses, and our management and other personnel have and will need to continue to devote a substantial amount of time to compliance initiatives resulting from operating as a public company.

USE OF PROCEEDS

We are not selling any securities under this prospectus and we will not receive any proceeds from the sale of the Resale Shares covered hereby. The net proceeds from the sale of the Resale Shares offered by this prospectus will be received by the Selling Stockholders.

Subject to limited exceptions, the Selling Stockholders will pay any underwriting discounts and commissions and expenses incurred by the Selling Stockholders for brokerage, accounting, tax or legal services or any other expenses incurred by the Selling Stockholders in disposing of any of the Resale Shares. We will bear the costs, fees and expenses incurred in effecting the registration of the Resale Shares covered by this prospectus, including all registration and filing fees, Nasdaq listing fees and fees and expenses of our counsel and our independent registered public accounting firm.

MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

You should read the following discussion of our financial condition and results of operations in conjunction with the consolidated financial statements and the related notes thereto and other financial information included elsewhere in this prospectus. This discussion contains forward-looking statements based upon current beliefs, plans and expectations related to future events and our future financial performance that involve risks, uncertainties and assumptions. Our actual results could differ materially from those discussed in these forward-looking statements as a result of various factors. Factors that could cause or contribute to these differences include, but are not limited to, those discussed below and elsewhere in this prospectus, particularly in the section titled "Risk Factors." Please also see the section titled "Special Note Regarding Forward-Looking Statements." As used in this prospectus, unless the context suggests otherwise, "we", "us", "our", "the Company" or "Aeglea" refers to Aeglea BioTherapeutics, Inc. and its subsidiaries, including Spyre Therapeutics, LLC.

Acquisition of Spyre

On June 22, 2023, we acquired Spyre pursuant to the Acquisition Agreement, by and among the Company, Aspen Merger Sub I, Inc., a Delaware corporation and a wholly owned subsidiary of the Company ("First Merger Sub"), Sequoia Merger Sub II, LLC, a Delaware limited liability company and wholly owned subsidiary of the Company ("Second Merger Sub"), and Spyre. Pursuant to the Acquisition Agreement, First Merger Sub merged with and into Spyre, pursuant to which Spyre was the surviving corporation and became a wholly owned subsidiary of the Company (the "First Merger"). Immediately following the First Merger, Spyre merged with and into Second Merger Sub, pursuant to which Second Merger Sub became the surviving entity. Spyre was a pre-clinical stage biotechnology company that was incorporated on April 28, 2023 under the direction of Peter Harwin, a Managing Member of Fairmount, for the purpose of holding rights to certain intellectual property being developed by Paragon. Fairmount is a founder of Paragon.

Through the Asset Acquisition, we received the Option to license the in-process and research development ("IPR&D") related to four research programs. On July 12, 2023 we exercised the Option with respect to one of these research programs to exclusively license intellectual property rights related to such research program directed to antibodies that selectively bind to $\alpha 4\beta 7$ integrin and methods of using these antibodies, including methods of treating inflammatory bowel disease ("IBD") using SPY001. If this research program is pursued non-provisionally and matures into issued patents, we would expect those patents to expire no earlier than 2044, subject to any disclaimers or extensions. The license agreement pertaining to such research program is currently being finalized on previously agreed terms. Furthermore, as of the date of the filing of this prospectus, the Option remains unexercised with respect to the IPR&D related to the three remaining research programs under the Paragon Agreement.

Overview

Following the Asset Acquisition, we have significantly reshaped the business into a preclinical stage biotechnology company focused on developing next generation therapeutics for patients living with IBD, including ulcerative colitis ("UC") and Crohn's disease ("CD"). Through the Paragon Agreement, our portfolio of novel and proprietary monoclonal antibody product candidates has the potential to address unmet needs in IBD care by improving efficacy, safety, and/or dosing convenience relative to products currently available or product candidates in development. We have engineered our product candidates with the aim to bind potently and selectively to their target epitopes and to exhibit extended pharmacokinetic half-lives. We plan to use combinations of our proprietary antibodies and patient enrichment strategies via patient selection approaches to enhance efficacy. We intend to deliver our product candidates through convenient, infrequently self-administered, subcutaneous ("SC") injections as a pre-filled pen.

In accordance with ASC 205-40, Going Concern, we have evaluated and determined that there are conditions and events, considered in the aggregate, that raise substantial doubt about our ability to continue as a going concern within one year after the date the consolidated financial statements included in this prospectus were issued. If our stockholders do not timely approve the conversion of our Series A Preferred Stock, then the holders of our Series A Preferred Stock may be entitled to require us to settle their shares of Series A Preferred Stock for cash at a price per share equal to the fair value of the Series A Preferred Stock, as described in our Certificate of Designation relating to the Series A Preferred Stock. The cash redemption is not under our control and raises substantial doubt about our ability to continue as a going concern. The consolidated financial statements included in this prospectus assume the Company will continue as a going concern through the realization of assets and satisfaction of liabilities and commitments in the ordinary course of business.

Our Relationship with Paragon and Parapyre

Paragon and Parapyre each beneficially owns less than 5% of our capital stock through their respective holdings of our Common Stock and Series A Preferred Stock. Fairmount beneficially owns more than 5% of our capital stock, has two seats on our board of directors and beneficially owns more than 5% of Paragon, which is a joint venture between Fairmount and Fair Journey Biologics. Fairmount appointed Paragon's board of directors and has the contractual right to approve the appointment of any executive officers. Parapyre is an entity formed by Paragon as a vehicle to hold equity in Spyre in order to share profits with certain employees of Paragon.

In connection with the Asset Acquisition, Aeglea assumed the rights and obligations of Spyre under the Paragon Agreement. Under the Paragon Agreement, Aeglea is obligated to compensate Paragon on a quarterly basis for its services performed under each research program based on the actual costs incurred with mark-up costs pursuant to the terms of the Paragon Agreement. As of the date of the Asset Acquisition, Spyre had incurred total expenses of \$19.0 million under the Paragon Agreement since inception, inclusive of a \$3.0 million research initiation fee that was due upon signing of the Paragon Agreement and \$16.0 million of reimbursable expenses under the Paragon Agreement for historical costs owed to Paragon. As of the acquisition date, \$19.0 million was unpaid and was assumed by Aeglea through the Asset Acquisition. As of September 30, 2023, \$0.5 million of the assumed Paragon liability remained unpaid.

For the three and nine months ended September 30, 2023, we recognized \$19.4 million and \$20.8 million, respectively, in research and development expenses that are due to Paragon under the Paragon Agreement. As of September 30, 2023, \$16.8 million was unpaid and owed to Paragon under the Paragon Agreement.

In July 2023, we exercised our option for the SPY001 program, and the remaining three options for the SPY002, SPY003, SPY004 programs remain outstanding.

In connection with the Asset Acquisition, we assumed the Parapyre Option Obligation which provided for an annual equity grant of options to purchase 1% of the then outstanding shares of Spyre's common stock, on a fully diluted basis, on the last business day of each calendar year during the term of the Paragon Agreement, at the fair market value determined by the board of directors of Spyre. As a result of the Asset Acquisition the Parapyre Option Obligation shall continue and Parapyre shall be entitled to receive equivalent shares from us with the same terms. As of September 30, 2023, the pro-rated estimated fair value of the options was approximately \$3.0 million, of which \$0.1 million was recognized as part of the liabilities assumed with the Asset Acquisition. For the three and nine months ended September 30, 2023, \$2.7 million and \$2.9 million, respectively, was recognized as stock compensation expense related to the Parapyre Option Obligation.

Corporate Developments

In July 2023, we announced that we had entered into an agreement to sell the global rights to pegzilarginase, an investigational treatment for the rare metabolic disease Arginase 1 Deficiency, to Immedica for \$15 million in upfront cash proceeds and up to \$100 million in contingent milestone payments. The sale of pegzilarginase to

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Immedica superseded and terminated the previous license agreement between us and Immedica.

On August 30, 2023, our board of directors appointed Scott Burrows to succeed Jonathan Alspaugh as our Chief Financial Officer effective September 1, 2023. Mr. Burrows also succeeded Mr. Alspaugh as our principal financial officer and principal accounting officer on the effective date.

On September 1, 2023, Heidy Abreu King-Jones was appointed as Chief Legal Officer and Corporate Secretary.

On October 6, 2023, our board of directors appointed Dr. Cameron Turtle, our Chief Operating Officer, as our principal executive officer effective the same day.

Restructuring

During the second quarter of 2023, we implemented a restructuring plan based on the review of the inconclusive interim results from our Phase 1/2 clinical trial of pegtarviliase for the treatment of classical homocystinuria and other business considerations, as well as our plan to explore strategic alternatives. Under the restructuring plan, our workforce was reduced by 83%, various lab equipment, consumables, and furniture and fixtures were sold, and our corporate headquarters lease in Austin, TX was abandoned. All charges related to the restructuring activities was recognized during the second quarter of 2023. No further restructuring charges will be incurred under the restructuring plan.

Critical Accounting Policies and Estimates

Our consolidated financial statements are prepared in accordance with generally accepted accounting principles in the United States. The preparation of these condensed consolidated financial statements requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, costs and expenses, and related disclosures. These estimates form the basis for judgments we make about the carrying values of our assets, liabilities and equity and the amount of revenues and expenses, which are not readily apparent from other sources. We base our estimates on historical experience and on various other assumptions that we believe are reasonable under the circumstances. On an ongoing basis, we evaluate our estimates and assumptions. Our actual results may differ materially from these estimates under different assumptions or conditions.

Our critical accounting policies are those policies which require the most significant judgments and estimates in the preparation of our condensed consolidated financial statements. The most significant estimates and assumptions that management considers in the preparation of our financial statements relate to accrued research and development costs; the valuation of consideration transferred in acquiring IPR&D; the discount rate, probabilities of success, and timing of estimated cash flows in the valuation of the CVR liability; inputs used in the Black-Scholes model for stock-based compensation expense; estimated future cash flows used in calculating the impairment of right-of-use lease assets; and estimated cost to complete performance obligations related to revenue recognition. The consideration transferred in acquiring IPR&D in connection with the acquisition of Spyre was comprised of our Common Stock and shares of Series A Preferred Stock. To determine the fair value of the equity transferred, we considered the per share value of the PIPE, which was an over-subscribed financing event involving a group of accredited investors. Our significant accounting policies are more fully described in Note 2 to our 2022 Annual Financials and Note 2 to our condensed consolidated financial statements as of and for the three and nine months ended September 30, 2023 appearing elsewhere in this prospectus.

Revenue recognition

We enter into license agreements related to our technologies that we have determined are within the scope of Accounting Standards Codification 606. Based on the terms and conditions of our agreements, we identify the goods and services that we promise to transfer to the customer, which may consist of the licensing of technologies, the performance of research and development activities, and/or the supply of products related to

our technologies. Based on the nature of the goods and services provided and the customer's intended benefit of the arrangement, we evaluate which of the promised goods and services are distinct and, therefore, represent a performance obligation, which may require us to combine certain promised goods and services that are determined to not be distinct from one another. We also evaluate whether an agreement provides the customer an option to purchase future goods or services at a discounted price, or a material right, which would also represent a performance obligation.

In exchange for the performance obligations, we estimate the amount of consideration promised by the customer, or transaction price, which may include both fixed and variable consideration. Variable consideration, which may consist of various milestone payments based upon the achievement of certain events or conditions, sales-based royalties, or payments contingent on the performance of research and development services, are included in the transaction price only if we expect to receive such consideration and determine it is likely that the inclusion of the variable consideration will not result in a significant reversal in the cumulative amount of revenue recognized under the arrangement. Sales-based royalty and milestone payments that we determine are predominantly related to the license of our intellectual property are excluded from the transaction price we expect to receive until the underlying sales occur.

We allocate the estimated transaction price to the identified performance obligations based on the relative estimated stand-alone selling price, or SSP, of each performance. SSP is based on the observable price of our goods and services, or when SSP is not directly observable, we estimate SSP based on factors such as forecasted revenues or costs, development timelines, discount rates, probabilities of technical and regulatory success, and considerations such as market conditions and entity-specific factors. We recognize revenue allocated to each performance obligation either at a point-in-time or over time in a manner that depicts the transfer of control of the promised goods and services to the customer. For performance obligations that are recognized over time, we estimate the measure of progress associated with the satisfaction of the performance obligation based on an input or output method, which may be based on factors such as costs incurred, labor hours expended, time elapsed, among other measures based on the nature of the performance obligation. The estimates made on an input or output method are subject to change and may result in material changes to revenue that could materially affect our results of operations. Please refer to Note 9, Strategic License Agreements, to our 2022 Annual Financials included elsewhere in this prospectus.

Accrued research and development costs

We record the costs associated with research nonclinical studies, clinical trials, and manufacturing development as incurred. These costs are a significant component of our research and development expenses, with a substantial portion of our on-going research and development activities conducted by third-party service providers, including CROs and CMOs.

We accrue for expenses resulting from obligations under agreements with CROs, CMOs, and other outside service providers for which payment flows do not match the periods over which materials or services are provided to us. We record accruals based on estimates of services received and efforts expended pursuant to agreements established with CROs, CMOs, and other outside service providers. These estimates are typically based on contracted amounts applied to the proportion of work performed and determined through analysis with internal personnel and external service providers as to the progress or stage of completion of the services. We make significant judgments and estimates in determining the accrual balance in each reporting period. In the event advance payments are made to a CRO, CMO, or outside service provider, the payments will be recorded as a prepaid asset which will be amortized as the contracted services are performed. As actual costs become known, we adjust our accruals. Inputs, such as the services performed, the number of patients enrolled, or the study duration, may vary from our estimates, resulting in adjustments to research and development expense in future periods. Changes in these estimates that result in material changes to our accruals could materially affect our results of operations. However, there have been no material changes in estimates for the periods presented.

Impairment of ROU Assets and Leasehold Improvements

We are required to test for impairment of our long-lived assets when events arise that would call into question the recoverability of an asset group. We determined that the abandonment of our leased office space in Austin, Texas would meet this criteria. Accordingly, we tested for impairment using a discounted future cash flow model using estimated cash flows that could be obtained through a hypothetical sub-letting of the leased space.

Convertible Preferred Stock Issued through PIPE

We record shares of convertible preferred stock at their respective fair values on the dates of issuance, net of issuance costs. The Company has applied the guidance in ASC 480-10-S99-3A, SEC Staff Announcement: Classification and Measurement of Redeemable Securities, and has therefore classified the Series A Preferred Stock outside of stockholders' (deficit) equity because, if conversion to common stock is not approved by the stockholders, the Series A Preferred Stock will be redeemable at the option of the holders for cash equal to the closing price of the common stock on the last trading day prior to the holder's redemption request. We determined that the conversion and redemption are outside of our control. Additionally, we determined the conversion and redemption features did not require bifurcation as derivatives.

Contingent Value Rights Liability

On July 3, 2023, we issued a CVR to Legacy Stockholders, but these were not issued to holders of shares of common stock or preferred stock issued to former stockholders of Spyre or the Investors in connection with the Transactions. Each CVR entitles the holder thereof to receive cash payments in the future calculated on the monetization or disposal of legacy Aeglea assets within the CVR period. Certain contingent payments under the CVR Agreement qualify as derivatives under ASC 815, Derivatives and Hedging, and are recorded as a liability on the balance sheet as of September 30, 2023. The CVR liability is considered a Level 3 instrument that is initially measured at its estimated fair value on the transaction date and subsequently remeasured at each reporting date with changes recorded in the consolidated statement of operations. The determination of the initial and subsequent fair value of the CVR liability requires significant judgment by management. Changes in any of the inputs not related to facts and circumstances existing as of the transaction date may result in a significant fair value adjustment, which can impact the results of operations in the period in which the adjustment is made.

Results of Operations

Comparison of the Three Months Ended September 30, 2023 and 2022

The following table summarizes our results of operations for the three months ended September 30, 2023 and 2022, together with the changes in those items in dollars and as a percentage:

	Three Months Ended September 30,		Dollar Change	% Change
	2023	2022		
	(dollars in thousands)			
Revenue:				
Development fee and royalty	\$ —	\$ 174	\$ (174)	(100)%
Total revenue	—	174	(174)	(100)%
Operating expenses (income):				
Research and development	24,660	11,977	12,683	106%
General and administrative	8,584	6,952	1,632	23%
Acquired in-process research and development	(298)	—	(298)	*
Gain on sale of in-process research and development asset	(14,609)	—	(14,609)	*
Total operating expenses	18,337	18,929	(592)	*
Loss from operations	(18,337)	(18,755)	418	*
Interest income	1,251	288	963	*
Change in fair value of forward contract liability	(25,360)	—	(25,360)	*
Other income, net	2,342	24	2,318	*
Loss before income tax expense	(40,104)	(18,443)	(21,661)	*
Income tax (expense) benefit	(3)	209	(212)	*
Net loss	<u>\$(40,107)</u>	<u>\$(18,234)</u>	<u>\$(21,873)</u>	*

* Percentage not meaningful

Development Fee and Royalty Revenue. For the three months ended September 30, 2023, we did not recognize any revenue in connection with the our exclusive license and supply agreement with Immedica Pharma AB (the “Immedica Agreement”). For the three months ended September 30, 2022, we recognized \$0.2 million of development fee revenue in connection with the Immedica Agreement, which was attributable to the PEACE Phase 3 trial and BLA package.

Research and Development Expenses. Our Research and development expenses incurred during the three months ended September 30, 2023 primarily related to costs associated with advancing our IBD pipeline and with winding down our legacy rare disease clinical studies. Wind down costs include final patient visits, collection and analysis of final patient data, the creation and submission of final research reports, site and pharmacy closeouts, and formally closing the studies with regulatory agencies. Research and development expenses increased by \$12.7 million, or 106%, to \$24.7 million for the three months ended September 30, 2023, from \$12.0 million for the three months ended September 30, 2022. The change in research and development expenses was primarily due to a \$22.4 million increase in preclinical development and manufacturing expenses for our IBD pipeline, partially offset by a \$10.0 million decrease in expenses associated with the legacy Aeglea rare disease pipeline.

General and Administrative Expenses. General and administrative expenses increased by \$1.6 million, or 23%, to \$8.6 million for the three months ended September 30, 2023, from \$7.0 million for the three months ended September 30, 2022. The increase in general and administrative expenses was primarily due to a \$1.1 million increase in legal costs and a \$0.6 million increase in employee separation costs.

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Gain on Sale of In-Process Research and Development Asset. Gain on sale of in-process research and development asset during the three months ended September 30, 2023 was due to the gain recognized on the sale of pegzilarginase to Immedica. There was no similar gain or loss during the three months ended September 30, 2022.

Change in Fair Value of Forward Contract Liability. Non-cash expenses associated with the change in fair value of the forward contract liability were \$25.4 million for the three months ended September 30, 2023. This expense was due to the change in fair value of the underlying Series A Preferred Stock between June 30, 2023 and the forward contract's settlement on July 7, 2023. There was no similar expense during the three months ended September 30, 2022.

Comparison of the Nine Months Ended September 30, 2023 and 2022

The following table summarizes our results of operations for the nine months ended September 30, 2023 and 2022, together with the changes in those items in dollars and as a percentage:

	Nine Months Ended September 30,		Dollar Change	% Change
	2023	2022		
	(dollars in thousands)			
Revenue:				
Development fee and royalty	\$ 886	\$ 2,161	\$ (1,275)	(59)%
Total revenue	886	2,161	(1,275)	(59)%
Operating expenses (income):				
Research and development	55,822	44,328	11,494	26%
General and administrative	25,874	23,452	2,422	10%
Acquired in-process research and development	130,188	—	130,188	*
Gain on sale of in-process research and development asset	(14,609)	—	(14,609)	*
Total operating expenses	197,275	67,780	129,495	*
Loss from operations	(196,389)	(65,619)	(130,770)	*
Interest income	2,021	427	1,594	*
Change in fair value of forward contract liability	(83,530)	—	(83,530)	*
Other income, net	2,262	25	2,237	*
Loss before income tax expense	(275,636)	(65,167)	(210,469)	*
Income tax benefit	26	174	(148)	*
Net loss	<u>\$ (275,610)</u>	<u>\$ (64,993)</u>	<u>\$ (210,617)</u>	*

* Percentage not meaningful

Development Fee and Royalty Revenue. For the nine months ended September 30, 2023, we recognized \$0.9 million of revenue in connection with the Immedica Agreement. The revenue generated was attributable to the PEACE Phase 3 trial and drug supply and royalties from an early access program in France. For the nine months ended September 30, 2022, we recognized \$2.2 million of development fee revenue in connection with the Immedica Agreement, which was attributable to the PEACE Phase 3 trial and BLA package.

Research and Development Expenses. Our research and development expenses incurred during the nine months ended September 30, 2023 were primarily related to clinical study costs associated with our legacy assets, costs associated with the wind down of those legacy assets, and costs associated with furthering our IBD pipeline candidates. Wind down costs included final patient visits, collection and analysis of final patient data, the

creation and submission of final research reports, site and pharmacy closeouts, and formally closing the studies with regulatory agencies. Research and development expenses increased by \$11.5 million, or 26%, to \$55.8 million for the nine months ended September 30, 2023, from \$44.3 million for the nine months ended September 30, 2022. The change in research and development expenses was primarily due to:

- a \$23.6 million increase in preclinical development and manufacturing expenses for our IBD pipeline;
- a \$2.4 million increase in restructuring costs net of savings; partially offset by
- a \$14.5 million decrease in activities associated with the legacy Aeglea rare disease pipeline.

General and Administrative Expenses. General and administrative expenses increased by \$2.4 million, or 10%, to \$25.9 million for the nine months ended September 30, 2023, from \$23.5 million for the nine months ended September 30, 2022. The increase in general and administrative expenses was primarily due to a \$2.6 million increase in restructuring costs, net of restructuring savings, coupled with a \$1.1 million increase in legal fees and a \$0.5 million increase in employee separation costs, partially offset by a \$1.8 million decrease in legacy commercial readiness activities.

Gain on Sale of In-Process Research and Development Asset. Gain on sale of in-process research and development asset during the nine months ended September 30, 2023 was due to the gain recognized on the sale of pegzilarginase to Immedica. There was no similar gain or loss during the nine months ended September 30, 2022.

Acquired In-process Research and Development Expenses. Acquired in-process research and development expenses were \$130.2 million for the nine months ended September 30, 2023, as the Spyre transaction was determined by management to be an asset acquisition, in accordance with U.S. GAAP as the product candidates were determined to have no alternative future use. There was no similar expense during the nine months ended September 30, 2022.

Change in Fair Value of Forward Contract Liability. Non-cash expenses associated with the change in fair value of the forward contract liability were \$83.5 million for the nine months ended September 30, 2023. This expense was due to the change in fair value of the underlying Series A Preferred Stock between June 22, 2023 and the forward contract's settlement on July 7, 2023. There was no similar expense during the nine months ended September 30, 2022.

Comparison of the Years Ended December 31, 2022 and 2021

The following table summarizes our results of operations for the years ended December 31, 2022 and 2021, together with the changes in those items in dollars and as a percentage:

	Year Ended December 31,		Dollar	%
	2022	2021	Change	Change
	(in thousands)			
Revenue:				
License	\$ —	\$ 12,000	\$ (12,000)	*
Development fee	2,329	6,739	(4,410)	-65%
Total revenue	2,329	18,739	(16,410)	-88%
Operating expenses:				
Research and development	58,579	57,069	1,510	3%
General and administrative	28,531	27,319	1,212	4%
Total operating expenses	87,110	84,388	2,722	3%
Loss from operations	(84,781)	(65,649)	(19,132)	29%
Interest income	837	111	726	*
Other expense, net	(7)	(122)	115	-94%
Loss before income tax expense	(83,951)	(65,660)	(18,291)	28%
Income tax benefit (expense)	136	(141)	277	-196%
Net loss	<u>\$ (83,815)</u>	<u>\$ (65,801)</u>	<u>\$ (18,014)</u>	27%

* Percentage not meaningful

License and Development Fee Revenue. For the year ended December 31, 2022, we recognized \$2.3 million of development fee revenue allocated to the PEACE Phase 3 trial and BLA package of the Immedica Agreement. For the year ended December 31, 2021, we recognized \$18.7 million of license and development fee revenue in connection with the Immedica Agreement. The total revenue generated was attributable to \$12.0 million allocated to the license and \$6.7 million allocated to the PEACE Phase 3 trial and BLA package. Please refer to Note 9, Strategic License Agreements, to the 2022 Annual Financials included elsewhere in this prospectus for additional disclosures around revenue recognition.

Research and Development Expenses. Research and development expenses increased \$1.5 million, or 3%, to \$58.6 million for the year ended December 31, 2022 from \$57.1 million for the year ended December 31, 2021. The change in research and development expenses was due to:

- a \$1.1 million increase in expenses associated with pegzilarginase primarily due to a \$1.4 million increase related to activities involved in closing the PEACE trial and ramping up the new open-label extension trial for the treatment of patients with Arginase 1 Deficiency, partially offset by a \$0.3 million decrease in professional services to support the pegzilarginase program;
- a \$2.8 million increase in expense associated with IND-enabling activities of AGLE-325 for the treatment of patients with Cystinuria;
- a \$0.6 million increase in personnel-related expenses, primarily driven by an increase of headcount expenses;
- a \$1.5 million decrease in expenses primarily associated with the completion of non-clinical toxicology studies in the prior year for pegtarviliase for the treatment of patients with Homocystinuria;
- a \$0.6 million decrease due to reduction in preclinical lab work; and
- a \$0.9 million decrease in other research and development expenses, primarily related to a reduction of consulting and recruiting activities.

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General and Administrative Expenses. General and administrative expenses increased by \$1.2 million, or 4%, to \$28.5 million for the year ended December 31, 2022 from \$27.3 million for the year ended December 31, 2021. The increase in general and administrative expenses was primarily due to a \$0.8 million increase in expense related to our commercial capabilities and infrastructure and \$0.4 million increase in expenses related to financing activities.

Comparison of the Years Ended December 31, 2021 and 2020

The following table summarizes our results of operations for the years ended December 31, 2021 and 2020, together with the changes in those items in dollars and as a percentage:

	Year Ended December 31,		Dollar Change	% Change
	2021	2020	(dollars in thousands)	
Revenue:				
License	\$ 12,000	\$ —	\$12,000	*
Development fee	6,739	—	6,739	*
Total revenue	18,739	—	18,739	*
Operating expenses:				
Research and development	57,069	59,638	(2,569)	4%
General and administrative	27,319	21,843	5,476	25%
Total operating expenses	84,388	81,481	2,907	4%
Loss from operations	(65,649)	(81,481)	15,832	19%
Interest income	111	593	(482)	81%
Other expense, net	(122)	(5)	(117)	*
Loss before income tax expense	(65,660)	(80,893)	15,233	19%
Income tax expense	(141)	—	(141)	*
Net loss	<u>\$ (65,801)</u>	<u>\$ (80,893)</u>	<u>\$15,092</u>	19%

* Percentage not meaningful

License and Development Fee Revenue. For the year ended December 31, 2021, we recognized \$18.7 million of license and development fee revenue in connection with the Immedica Agreement. The total revenue generated of \$18.7 million was attributable to \$12.0 million allocated to the license and \$6.7 million allocated to the PEACE Phase 3 trial and BLA package. We did not recognize any revenue for the year ended December 31, 2020. Please refer to Note 9, Strategic License Agreements, to the 2022 Annual Financials included elsewhere in this prospectus for additional disclosures around revenue recognition.

Research and Development Expenses. Research and development expenses decreased by \$2.6 million, or 4%, to \$57.1 million for the year ended December 31, 2021 from \$59.6 million for the year ended December 31, 2020. The change in research and development expenses was due to:

- lower manufacturing expenses, which decreased by \$12.4 million as a result of completing certain pre-commercial manufacturing activities for pegzilarginase and formulation, characterization, and stability studies for AGLE-177; offset by
- higher clinical development expenses, which increased by \$5.1 million as a result of ramping-up and completing enrollment in our PEACE Phase 3 trial of pegzilarginase for the treatment of patients with Arginase 1 Deficiency, and preparing and initiating dosing in our Phase 1/2 trial of AGLE-177 for the treatment of Homocystinuria;

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- higher nonclinical development expenses, which increased by \$2.5 million as a result of additional laboratory costs, BLA development activities, and toxicology costs incurred to support our Phase 1/2 trial of AGLE-177 for the treatment of patients with Homocystinuria; and
- higher personnel-related expenses, which increased by \$2.2 million as a result of changes to employee headcount and additional compensation to support our clinical and research development capabilities.

General and Administrative Expenses. General and administrative expenses increased by \$5.5 million, or 25%, to \$27.3 million for the year ended December 31, 2021 from \$21.8 million for the year ended December 31, 2020. The increase in general and administrative expenses was primarily due to a \$3.6 million increase in compensation and other personnel expenses, including \$1.3 million in non-cash stock compensation, driven by additional headcount to establish and execute our commercial planning activities, and \$1.9 million of expenses to ramp-up our commercial infrastructure and capabilities.

Liquidity and Capital Resources

Sources of Liquidity

We are a preclinical stage biotechnology company with a limited operating history, and due to our significant research and development expenditures, we have generated operating losses since our inception and have not generated any revenue from the sale of any products. Since our inception and through September 30, 2023, we have funded our operations primarily by raising an aggregate of approximately \$716.2 million of gross proceeds from the sale and issuance of convertible preferred stock and common stock, pre-funded warrants, the collection of grant proceeds, and the licensing of our product rights for commercialization of pegzilarginase in Europe and certain countries in the Middle East.

In March 2021, we entered into the Immedica Agreement, pursuant to which Immedica licensed from us the product rights for commercialization of pegzilarginase in the European Economic Area, United Kingdom, Switzerland, Andorra, Monaco, San Marino, Vatican City, Turkey, Saudi Arabia, United Arab Emirates, Qatar, Kuwait, Bahrain, and Oman. In April 2021, we received an upfront payment of \$21.5 million from Immedica. Under the terms of the Immedica Agreement, we were also eligible to receive regulatory and commercial milestone payments and entitled to receive royalties in the mid-20% range on the net sales of the product in countries included in the Immedica Agreement. In July 2021, the Immedica Agreement was modified to include additional development services of up to \$3.0 million, to support the PEACE Phase 3 trial and the BLA package performance obligation. On July 27, 2023, we announced that we had entered into an agreement to sell the global rights to pegzilarginase to Immedica for \$15.0 million in upfront cash proceeds and up to \$100.0 million in contingent milestone payments. The sale of the global rights to pegzilarginase to Immedica superseded and terminated the previous license agreement between us and Immedica.

In May 2022, we sold 430,107 shares of common stock and pre-funded warrants to purchase up to 694,892 shares of common stock in a registered direct offering (the “2022 RDO”), for gross proceeds of \$45.0 million, resulting in net proceeds of \$42.9 million after deducting placement agent fees and offering costs. The shares of common stock and pre-funded warrants sold in the 2022 RDO were offered pursuant to a shelf registration statement on Form S-3 that we filed and the SEC declared effective in July 2020.

In connection with the Asset Acquisition, in June 2023, we completed a PIPE transaction under which we sold shares of Series A Preferred Stock to a group of Investors. We sold an aggregate of 721,452 shares of Series A Preferred Stock for an aggregate purchase price of approximately \$210.0 million, before deducting placement agent and other offering expenses of approximately \$12.7 million.

Our primary use of cash is to fund the development of our product candidates, and advance our pipeline. This includes both the research and development costs and the general and administrative expenses required to support those operations. Since we are a preclinical stage biotechnology company, we have incurred significant

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operating losses since our inception and we anticipate such losses, in absolute dollar terms, to increase as we pursue clinical development of our product candidates, prepare for the potential commercialization of our product candidates, and expand our development efforts in our pipeline of nonclinical candidates.

Future Funding Requirements and Operational Plan

Due to our significant research and development expenditures, we have generated substantial losses in each period since inception. We have an accumulated deficit of \$701.2 million as of September 30, 2023. We anticipate that we will continue to generate losses into the foreseeable future as we develop our product candidates, seek regulatory approval of those candidates and begin to commercialize any approved products. Until such time as we can generate substantial product revenue, we expect to finance our cash needs through a combination of equity or debt financings, research grants, collaborations, license and development agreements, or other sources. We currently have no debt, credit facility or additional committed capital. To the extent that we raise additional equity, the ownership interest of our stockholders will be diluted.

Based on our available cash, cash equivalents, and marketable securities of \$203.6 million as of September 30, 2023, we have evaluated and determined that there are conditions and events, considered in the aggregate, that raise substantial doubt about our ability to continue as a going concern within one year after the date the condensed consolidated financial statements as of and for the three and nine months ended September 30, 2023 included in this prospectus were issued. Our Series A Preferred Stock agreement requires us to seek stockholder approval for the conversion of the Series A Preferred Stock to Common Stock. We have agreed to hold a stockholders' meeting to submit this matter to our stockholders for their consideration. In connection with this, we filed with the SEC a definitive proxy statement and other relevant materials. The special meeting of stockholders is scheduled for November 21, 2023. If our stockholders do not timely approve the conversion of our Series A Preferred Stock, then the holders of our Series A Preferred Stock may be entitled to require us to settle their shares of Series A Preferred Stock for cash at a price per share equal to the fair value of the Series A Preferred Stock, as described in the Certificate of Designation relating to the Series A Preferred Stock. The cash redemption is not under our control and raises substantial doubt about our ability to continue as a going concern. The consolidated financial statements included in this prospectus assume we will continue as a going concern through the realization of assets and satisfaction of liabilities and commitments in the ordinary course of business.

Cash Flows for the Nine Months Ended September 30, 2023 and 2022

The following table summarizes our cash flows for the periods indicated (in thousands):

	Nine Months Ended September 30,	
	2023	2022
Net cash, cash equivalents, and restricted cash (used in) provided by:		
Operating activities	\$ (68,874)	\$(62,004)
Investing activities	(73,121)	43,008
Financing activities	197,471	42,686
Effect of exchange rate on cash, cash equivalents, and restricted cash	7	(152)
Net increase in cash, cash equivalents, and restricted cash	<u>\$ 55,483</u>	<u>\$ 23,538</u>

Cash Used in Operating Activities

Cash used in operating activities for the nine months ended September 30, 2023 was \$68.9 million and reflected a net loss of \$275.6 million. Our net loss was offset in part by non-cash expenses of \$130.2 million for acquired

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IPR&D, \$83.5 million change in fair value of forward contract liability, \$8.4 million in stock-based compensation, \$2.6 million impairment loss on lease abandonment, \$1.0 million in depreciation and amortization, and a \$0.9 million loss on disposal of long-lived assets. The net change in operating assets and liabilities of \$1.2 million was primarily due to a \$2.3 million decrease in operating lease liabilities primarily due to the termination of the Las Cimas lease, a \$4.0 million decrease in accrued and other liabilities and a \$2.1 million decrease in related party payable, partially offset by a \$3.3 million increase in prepaid expenses and other assets, a \$1.0 million increase in accounts payable, a \$0.6 million increase in deferred revenue, and a \$0.2 million increase in development receivables.

Cash used in operating activities for the nine months ended September 30, 2022 was \$62.0 million and reflected a net loss of \$65.0 million. Our net loss was offset in part by non-cash expense of \$5.7 million for stock-based compensation and \$1.5 million for depreciation and amortization. The net change in operating assets and liabilities of \$4.3 million was primarily related to a \$2.9 million increase in prepaid expenses and other assets and a \$1.3 million decrease in accrued and other liabilities.

Cash Provided by Investing Activities

Cash used in investing activities for the nine months ended September 30, 2023 was \$73.1 million and primarily consisted of \$112.6 million in purchases of marketable securities, partially offset by \$21.0 million in maturities and sales of marketable securities, \$15.0 million in proceeds from the sale of in-process research & development asset, and \$3.0 million cash assumed from the Asset Acquisition.

Cash provided by investing activities for the nine months ended September 30, 2022 was \$43.0 million and consisted of \$78.0 million in maturities and sales of marketable securities, partially offset by \$35.0 million in purchases of marketable securities.

Cash Provided by Financing Activities

Cash provided by financing activities for the nine months ended September 30, 2023 was \$197.5 million, which primarily consisted of the net proceeds from the issuance of the Series A Preferred Stock in the PIPE.

Cash provided by financing activities for the nine months ended September 30, 2022 was \$42.7 million, which primarily consisted of \$42.9 million from the registered direct offering of our Common Stock and pre-funded warrants in May 2022, net of placement agent fees and offering costs, and \$0.2 million from the sale of Common Stock under our 2016 Employee Stock Purchase Plan, partially offset by \$0.4 million in principal payments made on our finance lease obligations.

Cash flows for the Years Ended December 31, 2022 and 2021

The following table summarizes our cash flows for the periods indicated (in thousands):

	Year Ended December 31,	
	2022	2021
Net cash and cash equivalents (used in) provided by:		
Operating activities	\$ (80,144)	\$ (53,716)
Investing activities	57,008	(22,619)
Financing activities	42,678	1,393
Effect of exchange rate on cash, cash equivalents, and restricted cash	(106)	(15)
Net increase (decrease) in cash and cash equivalents	<u>\$ 19,436</u>	<u>\$ (74,957)</u>

Cash used in operating activities

Cash used in operating activities for the year ended December 31, 2022 was \$80.1 million and reflected a net loss of \$83.8 million. The cash impact of our net loss was offset by non-cash expenses of \$7.1 million for stock-based compensation, \$1.6 million for depreciation and amortization, \$0.4 million for operating lease expense, and \$0.1 million for net premium purchase and amortization on marketable securities. The net decrease in operating assets and liabilities of \$5.5 million was primarily related to a \$2.6 million decrease in accounts payable, a \$1.1 million increase in prepaid expenses and other assets, a \$0.9 million decrease in deferred revenue due to receiving payments under the Immedica Agreement offset by the recognition of revenue allocated to the license, PEACE Phase 3 trial and BLA filing, a \$0.9 million decrease in accrued expenses and other liabilities, and a \$0.4 million decrease in operating lease liabilities due to lease payments made during the year, partially offset by a \$0.4 million increase in accounts receivable for incremental services provided to Immedica and not yet paid.

Cash used in operating activities for the year ended December 31, 2021 was \$53.7 million and reflected a net loss of \$65.8 million. The cash impact of our net loss was offset by non-cash expenses of \$8.0 million for stock-based compensation, \$1.6 million for depreciation and amortization, \$0.4 million for operating lease expense, and \$0.2 million for net premium purchase and amortization on marketable securities. The net change in operating assets and liabilities of \$1.8 million was primarily related to a \$3.6 million increase in deferred revenue due to receiving a \$21.5 million upfront payment under the Immedica Agreement offset by the recognition of revenue allocated to the license, PEACE Phase 3 trial and BLA submission. Additional offsets included a \$1.2 million increase in prepaid expenses and other assets due to advance payments for the Phase 1/2 trial of pegtarviliase and manufacturing activities for the Arginase 1 Deficiency program, a \$0.8 million increase in license and development receivable for incremental services provided to Immedica and not yet paid, and a \$0.4 million decrease in operating lease liabilities due to lease payments made during the year.

Cash used in investing activities

Cash used in investing activities for the year ended December 31, 2022 was \$57.0 million and consisted of \$39.5 million in purchases of marketable securities offset by \$96.5 million in maturities of marketable securities.

Cash used in investing activities for the year ended December 31, 2021 was \$22.6 million and consisted of \$133.1 million in purchases of marketable securities and \$0.5 million in purchases of property and equipment offset by \$111.0 million in maturities of marketable securities.

Cash provided by financing activities

Cash provided by financing activities for the year ended December 31, 2022 was \$42.7 million, which consisted of \$42.9 million from issuance of common stock and pre-funded warrants in a registered direct offering, the 2022 RDO, net of offering costs and \$0.2 million sale of common stock under our 2016 Employee Stock Purchase Plan offset by \$0.4 million in principal payments made on finance lease obligations.

Cash provided by financing activities for the year ended December 31, 2021 was \$1.4 million, which consisted of \$1.9 million in stock option exercises and sale of common stock under our 2016 Employee Stock Purchase Plan offset by \$0.5 million in principal payments made on finance lease obligations.

Cash flows for the Years Ended December 31, 2021 and 2020

The following table summarizes our cash flows for the periods indicated (in thousands):

	Year Ended December 31,	
	2021	2020
Net cash and cash equivalents (used in) provided by:		
Operating activities	\$ (53,716)	\$ (75,775)
Investing activities	(22,619)	(7,604)
Financing activities	1,393	154,512
Effect of exchange rate on cash, cash equivalents, and restricted cash	(15)	51
Net (decrease) increase in cash and cash equivalents	<u>\$ (74,957)</u>	<u>\$ 71,184</u>

Cash used in operating activities

Cash used in operating activities for the year ended December 31, 2021 was \$53.7 million and reflected a net loss of \$65.8 million. The cash impact of our net loss was offset by non-cash expenses of \$8.0 million for stock-based compensation, \$1.6 million for depreciation and amortization, \$0.4 million for operating lease expense, and \$0.2 million for net premium purchase and amortization on marketable securities. The net change in operating assets and liabilities of \$1.8 million was primarily related to a \$3.6 million increase in deferred revenue due to receiving a \$21.5 million upfront payment under the Immedica Agreement offset by the recognition of revenue allocated to the license, PEACE Phase 3 trial and BLA filing. Additional offsets included a \$1.2 million increase in prepaid expenses and other assets due to advance payments for the Phase 1/2 trial of AGL-177 and manufacturing activities for the Arginase 1 Deficiency program, a \$0.8 million increase in license and development receivable for incremental services provided to Immedica and not yet paid, and a \$0.4 million decrease in operating lease liabilities due to lease payments made during the year.

Cash used in operating activities for the year ended December 31, 2020 was \$75.8 million and reflected a net loss of \$80.9 million. The cash impact of our net loss was offset by non-cash expenses of \$6.3 million for stock-based compensation, \$1.0 million for depreciation and amortization, and \$0.6 million for operating lease expense. The net change in operating assets and liabilities of \$2.5 million was primarily related to a \$1.7 million decrease in accrued liabilities and accounts payable due to payments for manufacturing and a \$1.1 million increase in prepaid expenses and other assets due to advanced payments associated with manufacturing for Arginase 1 Deficiency and nonclinical studies for Homocystinuria.

Cash used in investing activities

Cash used in investing activities for the year ended December 31, 2021 was \$22.6 million and consisted of \$133.1 million in purchases of marketable securities and \$0.5 million in purchases of property and equipment offset by \$111.0 million in maturities of marketable securities.

Cash used in investing activities for the year ended December 31, 2020 was \$7.6 million and consisted of \$129.0 million in purchases of marketable securities and \$4.3 million in purchases of property and equipment offset by \$125.7 million in maturities of marketable securities.

Cash provided by financing activities

Cash provided by financing activities for the year ended December 31, 2021 was \$1.4 million, which consisted of \$1.9 million in stock option exercises and sale of common stock under our 2016 Employee Stock Purchase Plan offset by \$0.5 million in principal payments made on finance lease obligations.

Cash provided by financing activities for the year ended December 31, 2020 was \$154.5 million, which consisted of \$138.0 million from the public offering of our common stock, offset by \$9.0 million in paid underwriting and offering costs, \$25.3 million from the sale of our common stock under an at-the-market program, offset by \$0.7 million in paid underwriting and offering costs, and \$0.8 million in proceeds received from stock option exercises and sale of common stock under our 2016 Employee Stock Purchase Plan.

Contractual Obligations and Other Commitments

Through the Asset Acquisition, we received the Option to license the IPR&D related to four research programs. On July 12, 2023, we exercised the Option with respect to one of these research programs. The exercise of the Option obligates us to pay Paragon up to \$22.0 million based on specific clinical and regulatory milestones. As of September 30, 2023, none of the \$22.0 million obligation was accrued for since the likelihood of achieving those milestones was not determined to be probable. As of the date of the filing of this prospectus, the Option remains unexercised with respect to the three remaining research programs under the Paragon Agreement. Should the Option for these research programs be exercised, we would be obligated to pay Paragon up to \$22.0 million per research program based on certain clinical and regulatory milestones.

We have entered into agreements in the normal course of business with contract research organizations for clinical trials and contract manufacturing organizations, and with vendors for nonclinical research studies and other services and products for operating purposes. These contractual obligations are cancelable at any time by us, generally upon 30 to 60 days' prior written notice to the vendor.

Recently Adopted Accounting Pronouncements

We early adopted the Financial Accounting Standards Board's Accounting Standards Update 2020-06, Accounting for Convertible Instruments and Contracts in an Entity's Own Equity ("ASU 2020-06"), effective as of January 1, 2023, using the modified retrospective method. Among other amendments, ASU 2020-06 eliminates the cash conversion and beneficial conversion feature models in ASC 470-20 that required an issuer of certain convertible debt and preferred stock to separately account for embedded conversion features as a component of equity, as well as changes the accounting for diluted earnings-per-share for convertible instruments and contracts that may be settled in cash or stock. Additionally, ASU 2020-06 requires the if-converted method, which is more dilutive than the treasury stock method, be used for all convertible instruments. We applied ASU 2020-06 to all Series A Preferred Stock during fiscal year 2023, and, accordingly, we did not apply the cash conversion or beneficial conversion feature models in our analysis of the Series A Preferred Stock.

CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

We are exposed to market risks in the ordinary course of our business. Our primary exposure to market risk is interest rate sensitivity, which is affected by changes in the general level of United States interest rates, particularly because our investments are in marketable securities. Our marketable securities are subject to interest rate risk and could fall in value if market interest rates increase. However, we believe that our exposure to interest rate risk is not significant as the majority of our investments are short-term in duration and have a low risk profile. A hypothetical 10% change in interest rates is not expected to have a material effect on the total market value of our investment portfolio. We have the ability to hold our marketable securities until maturity, and therefore, we would not expect our operating results or cash flows to be materially impacted by a change in market interest rates on our investments.

As of December 31, 2022

As of December 31, 2022, we held \$57.3 million in cash, cash equivalents, marketable securities, and restricted cash, all of which was denominated in U.S. dollars, and consisted primarily of investments in money market funds, commercial paper, and corporate bonds.

As of September 30, 2023

As of September 30, 2023, we held \$203.6 million in cash, cash equivalents, and marketable securities, predominantly all of which was denominated in U.S. dollars, and consisted primarily of investments in money market funds, commercial paper, and corporate bonds.

We are also exposed to market risk related to changes in foreign currency exchange rates as a result of our entering into transactions denominated in currencies other than U.S. dollars. Due to the uncertain timing of expected payments in foreign currencies, we do not utilize any forward exchange contracts. All foreign transactions settle on the applicable spot exchange basis at the time such payments are made. For the year ended December 31, 2022 and for the nine months ended September 30, 2023, a majority of our expenditures were denominated in U.S. dollars. A hypothetical 10% change in foreign exchange rates during any of the periods presented would not have had a material impact on our consolidated financial statements.

BUSINESS

Company Overview

On June 22, 2023, we completed the Asset Acquisition pursuant to the Acquisition Agreement. Spyre is a pre-clinical stage biotechnology company that was incorporated on April 28, 2023 under the direction of Peter Harwin, a Managing Member of Fairmount, for the purpose of holding rights to certain intellectual property being developed by Paragon. Fairmount is a founder of Paragon.

Through the Asset Acquisition, we received the Option pursuant to the Paragon Agreement. On July 12, 2023, we exercised the Option with respect to one of these research programs to exclusively license intellectual property rights related to such research program directed to antibodies that selectively bind to $\alpha 4\beta 7$ integrin and methods of using these antibodies, including methods of treating IBD using the SPY001 program. If this research program is pursued non-provisionally and matures into issued patents, we would expect those patents to expire no earlier than 2044 subject to any disclaimers or extensions. The license agreement pertaining to such research program is currently being finalized. Furthermore, as of the date of this registration statement, the Option remains unexercised with respect to the intellectual property rights related to the three remaining research programs under the Paragon Agreement. For more information on the Paragon Agreement, see discussion under the heading “*Paragon Agreement*” below.

On July 27, 2023, we announced that we entered into an agreement to sell the global rights to pegzilarginase, an investigational treatment for the rare metabolic disease Arginase 1 Deficiency, to Immedica for \$15.0 million in upfront cash proceeds and up to \$100.0 million in contingent milestone payments. The sale of pegzilarginase to Immedica supersedes and terminates the license agreement between us and Immedica dated March 2021. See the section titled “*Recent Developments*” below for more information regarding the Immedica APA.

Following the Asset Acquisition and the entry into the Immedica APA, we have significantly reshaped the business into a preclinical stage biotechnology company focused on developing next generation therapeutics for patients living with IBD, including UC and CD. Through the Paragon Agreement, our portfolio of novel and proprietary monoclonal antibody product candidates has the potential to address unmet needs in IBD care by improving efficacy, safety, and/or dosing convenience relative to products currently available or product candidates in development. We have purposely engineered our product candidates to bind potently and selectively to target epitopes with extended half-lives. We plan to use combinations of our proprietary antibodies and patient enrichment strategies via companion diagnostics to enhance efficacy. We intend to deliver our product candidates through convenient, infrequently self-administered, SC injection as a pre-filled pen.

Our Strategy

Our goal is to develop next-generation therapeutics for the treatment of IBD, relying on three strategic pillars:

- Advancing novel, potentially best-in-class, long-acting antibodies against validated IBD targets,
- Evaluating rational therapeutic combinations of potentially best-in-class antibodies, and
- Developing genetic- or biomarker-based companion diagnostics to match treatment targets to IBD sub-populations.

Inflammatory Bowel Disease

IBD is a chronic condition characterized by inflammation within the gastrointestinal tract. It encompasses two main disorders: UC and CD. UC primarily affects the colon and the rectum. Inflammation occurs in the innermost lining of the colon leading to ulcers. Symptoms include bloody diarrhea, abdominal pain, bowel urgency, and frequent bowel movements. CD can affect any part of the gastrointestinal tract, from the mouth to the anus. It is characterized by inflammation that extends through multiple layers of the bowel wall. Symptoms include abdominal pain, diarrhea, weight loss, fatigue, and complications such as strictures or fistulas. Both

conditions can significantly impact patients’ quality of life in terms of physical health, emotional well-being, and the unpredictability of symptom onset.

IBD affects millions of individuals worldwide, with increasing prevalence and incidence in both developed and developing countries. In the United States, it is estimated that approximately 1.7 million individuals currently have IBD, with approximately 70,000 patients newly diagnosed every year. The prevalence of UC in the United States is approximately 900,000 individuals, and the prevalence of CD in the United States is approximately 800,000 individuals. Based on research from the Crohn’s and Colitis Foundation of America, the market for IBD therapeutics is expected to experience steady growth, driven by rising disease prevalence, increasing diagnosis rates, and evolving treatment paradigms.

A range of pharmaceutical options exists, including anti-inflammatory drugs, immunosuppressants, and biologics. Treatment plans are often tailored to the individual patient’s disease severity, location, and response to therapy. In some cases, surgical interventions such as bowel resection or ostomy formation may be necessary to manage complications or improve quality of life.

Despite available treatments, there remain substantial unmet needs in IBD management, including:

- Inadequate response or loss of response to existing therapies,
- Side effects and safety concerns associated with long-term medication use,
- Limited options for patients with refractory or severe disease, and
- Adherence to frequent and/or inconvenient dosing regimens.

Our Portfolio

We are advancing a broad pipeline of potentially best-in-class monoclonal antibodies (“mAbs”) for the treatment of IBD in connection with the research programs with respect to which we have exercised the Option to exclusively license all of Paragon’s right, title, and interest in, including all intellectual property license rights to, or have the Option to acquire such intellectual property and other rights to pursuant to the Paragon Agreement and plan to develop patient selection approaches for each program. The following table summarizes these programs:

STRATEGY	TARGET	PROGRAM ¹	DISCOVERY	IND-ENABLING	CLINICAL
Potentially best-in-class mAbs	α4β7	SPY001			Phase 1 interim data expected YE24
	TL1A	SPY002			Phase 1 interim data expected 1H25
	IL-23	SPY003			IND/CTN expected in 2025
	Novel MOA	SPY004			
Rational combinations	α4β7 + IL-23	SPY130			
	α4β7 + TL1A	SPY120			
	TL1A + IL-23	SPY230			

¹ We exercised our Option to license worldwide rights from Paragon for the SPY001 program. We continue to hold the Option to license similar rights from Paragon for certain other programs. We expect the SPY003 license to be restricted to IBD, and we expect other potential program licenses related to the Option to be indication agnostic.

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Although we hold the Option to acquire intellectual property license rights related to the SPY002, SPY003 and SPY004 programs, such Option remains unexercised.

For a discussion of the risks associated with our portfolio, see the section of this prospectus entitled “Risk Factors.”

SPY001 – anti- $\alpha 4\beta 7$ mAb

Our most advanced product candidate, SPY001, is a highly potent, highly selective, and fully human monoclonal immunoglobulin G1 antibody designed to bind selectively to the $\alpha 4\beta 7$ integrin. The $\alpha 4\beta 7$ integrin is a protein found on the surface of immune cells known as lymphocytes. This integrin regulates the migration of lymphocytes to the gut where they contribute to the inflammatory process in IBD. By selectively binding to the $\alpha 4\beta 7$ integrin, SPY001 is designed to prevent the interaction of these lymphocytes with MAdCAM-1, a molecule expressed on endothelial cells lining the blood vessels in the gut. This interaction is responsible for guiding lymphocytes from the bloodstream into the gut tissue, where they cause inflammation. By blocking the interaction between $\alpha 4\beta 7$ integrin and MAdCAM-1, SPY001 aims to reduce the recruitment of lymphocytes to the gut, leading to a decrease in inflammation. Since it specifically targets the gut immune system, SPY001 is designed to help minimize systemic immunosuppressive effects unrelated to IBD pathology. SPY001 is currently progressing through IND-enabling studies and is expected to enter first-in-human (“FIH”) studies in the first half of 2024. Interim data from a healthy volunteer study are expected by the end of 2024.

SPY002 – anti-TL1A mAb

Our co-lead product candidate, SPY002, is a highly potent, highly selective, and fully human mAb designed to bind to tumor necrosis factor-like ligand 1A (“TL1A”). TL1A is a protein that plays a role in regulating the immune system and is elevated in the gut tissue of individuals with IBD. TL1A interacts with its receptor, death receptor 3 (“DR3”), which is expressed in various immune cells, including T cells. This interaction triggers signaling pathways that contribute to inflammation and immune system activation, leading to IBD symptomology. SPY002 has been designed to block the interaction between TL1A and DR3 and thereby inhibit the downstream signaling events and dampen the inflammatory response. By neutralizing TL1A, we believe SPY002 has the potential to modulate the immune response in IBD patients, potentially reducing disease activity and promoting mucosal healing. Our extensive discovery campaign has identified lead clones which bind TL1A monomers and trimers with picomolar affinity and exhibit extended pharmacokinetic half-lives relative to competitive molecules in clinical development. We expect to begin FIH studies of the SPY002 program in the second half of 2024 with healthy volunteer interim data expected in the first half of 2025.

SPY003 – anti-IL-23 mAb

Our third program, SPY003, is a discovery stage program designed to bind to Interleukin 23 (“IL-23”). IL-23 is a cytokine that is produced by immune cells and is involved in immune response regulation. IL-23 promotes the survival, expansion, and activity of Th17 cells. Th17 cells produce other inflammatory cytokines, such as IL-17, which contribute to the inflammation seen in IBD. IL-23 also helps in the recruitment and activation of other immune cells, such as neutrophils, which further contribute to tissue damage in the gut. We are continuing our preclinical development efforts with the SPY003 program.

SPY004 – novel MOA mAb

SPY004 is an undisclosed novel mechanism of action (“MOA”) and incorporates half-life extension modifications.

Our combination programs – SPY120, SPY130, and SPY230

We aim to advance certain rational combinations of our therapeutic antibodies into clinical studies. SPY120 combines SPY001 ($\alpha 4\beta 7$) and SPY002 (TL1A), SPY130 combines SPY001 ($\alpha 4\beta 7$) and SPY003 (IL-23), and

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SPY230 combines SPY002 (TL1A) and SPY003 (IL-23). We believe these combinations target orthogonal biology and could lead to greater remission rates in IBD.

Our Precision Immunology Approach

We aim to develop genetic- or biomarker-based patient selection approaches across our portfolio of therapeutics to aid patients and physicians in selecting the optimal treatment regimen. We are in discussions with potential partners with access to large scale IBD biobanks to support CDx development across our portfolio.

Employees and Human Capital Resources

As of November 9, 2023, we had 26 employees, all of whom were employed full time. We also engage temporary employees and consultants to augment our existing workforce. None of our employees are represented by a labor union or covered under a collective bargaining agreement. We consider our relationship with our employees to be good.

We are committed to providing our employees with a work environment that is free of unlawful discrimination, including any harassment on the basis of any legally protected status. Accordingly, we do not and will not tolerate any form of unlawful harassment against our employees, whether by executives, managers, co-workers, or by third parties, such as vendors, or other third parties with whom our employees interact. In addition, we provide equal employment opportunity to all employees and applicants for employment and do not discriminate on any basis prohibited by law, including race, color, sex, gender, sexual orientation, pregnancy, age, religion, national origin, disability, marital status, and veteran status.

We recognize that attracting, motivating, and retaining talent at all levels is vital to continuing our success. We invest in our employees through high-quality benefits and various health and wellness initiatives and offer competitive compensation packages (base salary and incentive plans), ensuring fairness in internal compensation practices. The principal purposes of our incentive plans (bonus and equity) are to align with the long-term interests of our stakeholders and stockholders.

To further engage and incentivize our workforce, we offer a wide range of opportunities to support professional development and growth. For our talent pipeline assessment and development, we work closely with individual business functional leaders to identify our high-performing and high-potential employees, by conducting a company-wide talent assessment utilizing a Performance/Potential Matrix assessment tool. This assessment is completed annually to ensure we tie together our incentives, development, and recognition to retain and attract the people we need to drive our success.

Commercial

Should any of our product candidates be approved for commercialization, we intend to develop a plan to commercialize them in the United States and other key markets, through internal infrastructure and/or external partnerships in a manner that will enable us to realize the full commercial value of our programs. Given our stage of development, we have not yet established a commercial organization or distribution capabilities.

Manufacturing

We do not currently own or operate facilities for product manufacturing, testing, storage, and distribution. We are currently in the process of novating certain agreements with third parties for the performance of future clinical manufacturing and toxicology activities from Paragon to us. The initial forms of these agreements are generally non-specific master services agreements that allow an entity to begin the process of future manufacturing or toxicology services, respectively. As clinical development activities are commenced by us, the agreements will be revised to provide for the specific deliverables and associated costs that are needed under our development plan.

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Pursuant to a Novation Agreement dated September 19, 2023 (the “Novation Agreement”), by and between us, Paragon and WuXi Biologics (Hong Kong) Limited (“WuXi Biologics”), we novated (i) a Biologics Master Services Agreement (the “WuXi Biologics MSA”) and (ii) a Cell Line License Agreement (the “Cell Line License Agreement”).

Biologics Master Services Agreement

In April 2023, Paragon and WuXi Biologics entered into the WuXi Biologics MSA, which was subsequently novated to us by Paragon on September 19, 2023 pursuant to the Novation Agreement. The WuXi Biologics MSA governs certain development activities and GMP manufacturing and testing for the SPY001 program, as well as potential future programs, on a work order basis. Under the WuXi Biologics MSA, we are obligated to pay WuXi Biologics a service fee and all non-cancellable obligations in the amount specified in each work order associated with the agreement for the provision of services.

The WuXi Biologics MSA terminates on the later of (i) June 20, 2027 or (ii) the completion of services under all work orders executed by the parties prior to June 20, 2027, unless terminated earlier. The term of each work order terminates upon completion of the services under such work order, unless terminated earlier. We can terminate the WuXi Biologics MSA or any work order at any time upon 30 days’ prior written notice and immediately upon written notice if WuXi Biologics fails to obtain or maintain required material governmental licenses or approvals. Either party may terminate a work order (i) at any time upon six months’ prior notice with reasonable cause, provided however that if WuXi Biologics terminates a work order in such manner, no termination or cancellation fees shall be paid by us and (ii) immediately for cause upon (a) the other party’s material breach that remains uncured for 30 days after notice of such breach, (b) the other party’s bankruptcy or (c) a force majeure event that prevents performance for a period of at least 90 days.

Cell Line License Agreement

In April 2023, Paragon and WuXi Biologics entered into the Cell Line License Agreement, which was subsequently novated to us by Paragon pursuant to the Novation Agreement. Under the Cell Line License Agreement, we received a non-exclusive, worldwide, sublicensable license to certain of WuXi Biologics’s know-how, cell line, biological materials (the “WuXi Biologics Licensed Technology”) and media and feeds to make, have made, use, sell and import certain therapeutic products produced through the use of the cell line licensed by WuXi Biologics under the Cell Line License Agreement (the “WuXi Biologics Licensed Products”). Specifically, the WuXi Biologics Licensed Technology is used in certain manufacturing activities in support of the SPY001 program.

In consideration for the license, we agreed to pay WuXi Biologics a non-refundable license fee of \$150,000. Additionally, if we manufacture all of our commercial supplies of bulk drug product with a manufacturer other than WuXi Biologics or its affiliates, we are required to make royalty payments to WuXi Biologics in an amount equal to a less than one percent of global net sales of WuXi Biologics Licensed Products manufactured by a third-party manufacturer (the “Royalty”). If we manufacture part of our commercial supplies of the WuXi Biologics Licensed Products with WuXi Biologics or its affiliates, then the Royalty will be reduced accordingly on a pro rata basis.

The Cell Line License Agreement will continue indefinitely unless terminated (i) by us upon six months’ prior written notice and our payment of all undisputed amounts due to WuXi Biologics through the effective date of termination, (ii) by WuXi Biologics for a material breach by us that remains uncured for 60 days after written notice, (iii) by WuXi Biologics if we fail to make a payment and such failure continues for 30 days after receiving notice of such failure, or (iv) by either party upon the other party’s bankruptcy.

Competition

We expect to face intense competition from other biopharmaceutical companies that are developing agents for the treatment of inflammatory diseases. If approved for the treatment of patients with moderate-to-severe IBD, our portfolio of products would compete with TNF antibodies including Humira (AbbVie), Remicade (Johnson & Johnson), and Simponi (Johnson & Johnson); IL-12/23 and IL-23 antibodies including Stelara (Johnson & Johnson) and Skyrizi (AbbVie); $\alpha 4\beta 7$ antibody Entyvio (Takeda); JAK inhibitors including Xeljanz (Pfizer), Rinvoq (AbbVie); and S1P1 receptor modulating therapies including Zeposia (Bristol Myers Squibb).

We are aware of several companies with product candidates in development for the treatment of patients with IBD, including Merck's MK-7240, Roivant's RVT-3101, and Teva's TEV-48574 TL1A antibodies; additional IL-23s including Tremfya (Johnson & Johnson) and mirikizumab (Lilly); additional S1P1 modulator etrasimod (Pfizer); and oral anti-integrin agents including Morphic Therapeutic's MORF-057, and Gilead's GS-1427, and a discovery program at Dice Therapeutics (Lilly).

Government Regulation

The FDA and other regulatory authorities at federal, state and local levels, as well as in foreign countries, extensively regulate, among other things, the research, development, testing, manufacture, quality control, import, export, safety, effectiveness, labeling, packaging, storage, distribution, record keeping, approval, advertising, promotion, marketing, post-approval monitoring and post-approval reporting of biologics such as those we are developing. We, along with our third-party contractors, will be required to navigate the various preclinical, clinical and commercial approval requirements of the governing regulatory agencies of the countries in which we wish to conduct studies or seek approval or licensure of our product candidates. Failure to comply with the applicable United States requirements at any time during the product development process, approval process or post-market may subject an applicant to administrative or judicial sanctions. These sanctions could include, among other actions, the FDA's refusal to approve pending applications, withdrawal of an approval, a clinical hold, untitled or warning letters, product recalls or market withdrawals, product seizures, total or partial suspension of production or distribution, injunctions, fines, refusals of government contracts, restitution, disgorgement and civil or criminal penalties. Any agency or judicial enforcement action could have a material adverse effect on us.

United States Biologics Regulation

In the United States, biological products are subject to regulation under the Federal Food, Drug, and Cosmetic Act ("FDCA") and the Public Health Service Act ("PHSA") and their implementing regulations, as well as other federal, state, local, and foreign statutes and regulations. The process required by the FDA before biologic product candidates may be marketed in the United States generally involves the following:

- completion of preclinical laboratory tests and animal studies performed in accordance with applicable regulations, including the FDA's current Good Laboratory Practices;
- submission to the FDA of an IND, which must become effective before clinical trials may begin and must be updated annually or when significant changes are made;
- approval by an independent IRB, or ethics committee at each clinical site before the trial may be commenced;
- manufacture of the proposed biologic candidate in accordance with current Good Manufacturing Practices ("cGMPs");
- performance of adequate and well-controlled human clinical trials in accordance with applicable IND regulations, current Good Clinical Practice ("cGCP") requirements and other clinical-trial related regulations to establish the safety, purity and potency of the proposed biologic product candidate for its intended purpose;
- preparation of and submission to the FDA of a BLA, after completion of all pivotal clinical trials;

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- satisfactory completion of an FDA Advisory Committee review, if applicable;
- a determination by the FDA within 60 days of its receipt of a BLA to file the application for review;
- satisfactory completion of an FDA pre-approval inspection of the manufacturing facility or facilities at which the proposed product is produced to assess compliance with cGMPs, and to assure that the facilities, methods and controls are adequate to preserve the biological product's continued safety, purity and potency, and potential audit of selected clinical investigation sites to assess compliance with cGCPs;
- payment of user fees for FDA review of the BLA, unless a waiver is applicable; and
- FDA review and approval of a BLA to permit commercial marketing of the product for a particular indication(s) for use in the United States.

Preclinical and Clinical Development

Prior to beginning the first clinical trial with a product candidate, in the United States, we must submit an IND to the FDA. An IND is a request for authorization from the FDA to administer an investigational new drug product to humans. The central focus of an IND submission is on the general investigational plan and the protocol or protocols for preclinical studies and clinical trials. The IND also includes results of animal and in vitro studies assessing the toxicology, pharmacokinetics, pharmacology and pharmacodynamic characteristics of the product, chemistry, manufacturing and controls information, and any available human data or literature to support the use of the investigational product. An IND must become effective before human clinical trials may begin. The IND automatically becomes effective 30 days after receipt by the FDA, unless the FDA, within the 30-day period, raises safety concerns or questions about the proposed clinical trial. In such a case, the IND may be placed on clinical hold and the IND sponsor and the FDA must resolve any outstanding concerns or questions before the clinical trial can begin. Submission of an IND therefore may or may not result in FDA authorization to begin a clinical trial. Similar processes exist in countries outside the United States that we will be required to follow if we choose to execute trials in other countries.

Clinical trials involve the administration of the investigational product to human subjects under the supervision of qualified investigators in accordance with cGCPs, which include the requirement that all research subjects provide their informed consent for their participation in any clinical study. Clinical trials are conducted under protocols detailing, among other things, the objectives of the study, the parameters to be used in monitoring safety and the effectiveness criteria to be evaluated. A separate submission to the existing IND must be made for each successive clinical trial conducted during product development and for any subsequent protocol amendments. Furthermore, an independent IRB for each site proposing to conduct the clinical trial must review and approve the plan for any clinical trial and its informed consent form before the clinical trial begins at that site, and must monitor the study until completed.

Regulatory authorities, the IRB or the sponsor may suspend a clinical trial at any time on various grounds, including a finding that the subjects are being exposed to an unacceptable health risk or that the trial is unlikely to meet its stated objectives. Some studies also include oversight by an independent group of qualified experts organized by the clinical study sponsor, known as a data safety monitoring board, which provides authorization for whether or not a study may move forward at designated check points based on access to certain data from the study and may recommend halting the clinical trial if it determines that there is an unacceptable safety risk for subjects or other grounds, such as no demonstration of efficacy. There are also requirements governing the reporting of ongoing preclinical studies and clinical trials and clinical study results to public registries. Sponsors of clinical trials of FDA-regulated products, including biological products, are required to register and disclose certain clinical trial information, which is publicly available at www.clinicaltrials.gov.

A sponsor who wishes to conduct a clinical trial outside of the United States may, but need not, obtain FDA authorization to conduct the clinical trial under an IND. If a foreign clinical trial is not conducted under an IND,

the sponsor may submit data from the clinical trial to the FDA in support of a BLA. The FDA will accept a well-designed and well-conducted foreign clinical trial not conducted under an IND if the trial was conducted in accordance with cGCP requirements and the FDA is able to validate the data through an onsite inspection if deemed necessary.

For the purposes of BLA approval, human clinical trials are typically conducted in three sequential phases that may overlap.

- Phase 1. The investigational product is initially introduced into healthy human subjects or patients with the target disease or condition. These studies are designed to test the safety, dosage tolerance, absorption, metabolism and distribution of the investigational product in humans, and the side effects associated with increasing doses, and, if possible, to gain early evidence on effectiveness.
- Phase 2. The investigational product is administered to a limited patient population with a specified disease or condition to evaluate the preliminary efficacy, optimal dosages and dosing schedule and to identify possible adverse side effects and safety risks. Multiple Phase 2 clinical trials may be conducted to obtain information prior to beginning larger and more expensive Phase 3 clinical trials.
- Phase 3. The investigational product is administered to an expanded patient population to further evaluate dosage, to provide statistically significant evidence of clinical efficacy and to further test for safety, generally at multiple geographically dispersed clinical trial sites. These clinical trials are intended to establish the overall risk/benefit ratio of the investigational product and to provide an adequate basis for product approval.

In some cases, the FDA may require, or companies may voluntarily pursue, additional clinical trials after a product is approved to gain more information about the product. These so-called Phase 4 studies may be made a condition to approval of the BLA. Concurrent with clinical trials, companies may complete additional animal studies and develop additional information about the biological characteristics of the product candidate and must finalize a process for manufacturing the product in commercial quantities in accordance with cGMP requirements. The manufacturing process must be capable of consistently producing quality batches of the product candidate and, among other things, must develop methods for testing the identity, strength, quality and purity of the final product, or for biologics, the safety, purity and potency. Additionally, appropriate packaging must be selected and tested, and stability studies must be conducted to demonstrate that the product candidate does not undergo unacceptable deterioration over its shelf life.

During all phases of clinical development, regulatory agencies require extensive monitoring and auditing of all clinical activities, clinical data and clinical study investigators. Written IND safety reports must be promptly submitted to the FDA and the investigators for serious and unexpected suspected adverse events, any findings from other studies, tests in laboratory animals or in vitro testing that suggest a significant risk for human subjects, or any clinically important increase in the rate of a serious suspected adverse reaction over that listed in the protocol or investigator brochure. The sponsor must submit an IND safety report within 15 calendar days after the sponsor determines that the information qualifies for reporting. The sponsor also must notify the FDA of any unexpected fatal or life-threatening suspected adverse reaction within seven calendar days after the sponsor's initial receipt of the information.

BLA Submission and Review

Assuming successful completion of all required testing in accordance with all applicable regulatory requirements, the results of product development, preclinical studies and clinical trials are submitted to the FDA as part of a BLA requesting approval to market the product for one or more indications. FDA approval of a BLA must be obtained before a biologic may be marketed in the United States. The BLA must include all relevant data available from pertinent preclinical studies and clinical trials, including negative or ambiguous results as well as positive findings, together with detailed information relating to the product's chemistry, manufacturing, controls,

and proposed labeling, among other things. Data can come from company-sponsored clinical studies intended to test the safety and effectiveness of the product, or from a number of alternative sources, including studies initiated and sponsored by investigators. The submission of a BLA requires payment of a substantial application user fee to the FDA, unless a waiver or exemption applies.

In addition, under the Pediatric Research Equity Act (“PREA”), a BLA or supplement to a BLA must contain data to assess the safety and effectiveness of the biological product candidate for the claimed indications in all relevant pediatric subpopulations and to support dosing and administration for each pediatric subpopulation for which the product is safe and effective. The Food and Drug Administration Safety and Innovation Act requires that a sponsor who is planning to submit a marketing application for a biological product that includes a new active ingredient, new indication, new dosage form, new dosing regimen or new route of administration submit an initial pediatric study plan (“PSP”) within sixty days after an end-of-Phase 2 meeting or, if there is no such meeting, as early as practicable before the initiation of the Phase 3 or Phase 2/3 study as may be agreed between the sponsor and FDA. The initial PSP must include an outline of the pediatric study or studies that the sponsor plans to conduct, including study objectives and design, age groups, relevant endpoints and statistical approach, or a justification for not including such detailed information, and any request for a deferral of pediatric assessments or a full or partial waiver of the requirement to provide data from pediatric studies along with supporting information. The FDA and the sponsor must reach an agreement on the PSP. A sponsor can submit amendments to an agreed-upon initial PSP at any time if changes to the pediatric plan need to be considered based on data collected from preclinical studies, early phase clinical trials and/or other clinical development programs. Unless otherwise required by regulation, PREA does not apply to any biological product for an indication for which orphan designation has been granted.

Within 60 days following submission of the application, the FDA reviews the BLA to determine if it is substantially complete before the agency accepts it for filing. The FDA may refuse to file any BLA that it deems incomplete or not properly reviewable at the time of submission and may request additional information. In this event, the BLA must be resubmitted with additional information. Once a BLA has been accepted for filing, the FDA’s goal is to review standard applications within ten months after the filing date, or, if the application qualifies for priority review, six months after the FDA accepts the application for filing. In both standard and priority reviews, the review process may also be extended by FDA requests for additional information or clarification. The FDA reviews a BLA to determine, among other things, whether a product is safe, pure and potent and the facility in which it is manufactured, processed, packed or held meets standards designed to assure the product’s continued safety, purity and potency. The FDA may convene an advisory committee to provide clinical insight on application review questions. The FDA is not bound by the recommendations of an advisory committee, but it considers such recommendations carefully when making decisions.

Before approving a BLA, the FDA will typically inspect the facility or facilities where the product is manufactured. The FDA will not approve an application unless it determines that the manufacturing processes and facilities are in compliance with cGMP requirements and adequate to assure consistent production of the product within required specifications. Additionally, before approving a BLA, the FDA will typically inspect one or more clinical sites to assure compliance with cGCPs. If the FDA determines that the application, manufacturing process or manufacturing facilities are not acceptable, it typically will outline the deficiencies in the submission and often will request additional testing or information. Notwithstanding the submission of any requested additional information, the FDA ultimately may decide that the application does not satisfy the regulatory criteria for approval.

After the FDA evaluates a BLA and conducts inspections of manufacturing facilities where the investigational product and/or its drug substance will be produced, the FDA may issue an approval letter or a Complete Response Letter. An approval letter authorizes commercial marketing of the product with specific prescribing information for specific indications. A Complete Response Letter will describe all of the deficiencies that the FDA has identified in the BLA, except that where the FDA determines that the data supporting the application are inadequate to support approval, the FDA may issue the Complete Response Letter without first conducting

required inspections, testing submitted product lots and/or reviewing proposed labeling. In issuing the Complete Response Letter, the FDA may recommend actions that the applicant might take to place the BLA in condition for approval, including requests for additional information or clarification. If a Complete Response Letter is issued, the applicant may either resubmit the BLA, addressing all of the deficiencies identified in the letter, or withdraw the application or request an opportunity for a hearing. The FDA may delay or refuse approval of a BLA if applicable regulatory criteria are not satisfied, require additional testing or information and/or require post-marketing testing and surveillance to monitor safety or efficacy of a product.

If regulatory approval of a product is granted, such approval will be granted for particular indications and may entail limitations on the indicated uses for which such product may be marketed. For example, the FDA may approve the BLA with a REMS to ensure the benefits of the product outweigh its risks. A REMS is a safety strategy to manage a known or potential serious risk associated with a product and to enable patients to have continued access to such medicines by managing their safe use, and could include medication guides, physician communication plans, or elements to assure safe use, such as restricted distribution methods, patient registries and other risk minimization tools. The FDA also may condition approval on, among other things, changes to proposed labeling or the development of adequate controls and specifications. Once approved, the FDA may withdraw the product approval if compliance with pre- and post-marketing requirements is not maintained or if problems occur after the product reaches the marketplace. The FDA may require one or more Phase 4 post-market studies and surveillance to further assess and monitor the product's safety and effectiveness after commercialization, and may limit further marketing of the product based on the results of these post-marketing studies.

Expedited Development and Review Programs

The FDA offers several expedited development and review programs for qualifying product candidates. The Fast Track program is intended to expedite or facilitate the process for reviewing new products that meet certain criteria. Specifically, new products are eligible for Fast Track designation if they are intended to treat a serious or life-threatening disease or condition and demonstrate the potential to address unmet medical needs for the disease or condition. Fast Track designation applies to the combination of the product and the specific indication for which it is being studied. The sponsor of a Fast Track product has opportunities for more frequent interactions with the review team during product development and, once a BLA is submitted, the product may be eligible for priority review. A Fast Track product may also be eligible for rolling review, where the FDA may consider for review sections of the BLA on a rolling basis before the complete application is submitted, if the sponsor provides a schedule for the submission of the sections of the BLA, the FDA agrees to accept sections of the BLA and determines that the schedule is acceptable, and the sponsor pays any required user fees upon submission of the first section of the BLA.

A product intended to treat a serious or life-threatening disease or condition may also be eligible for Breakthrough Therapy designation to expedite its development and review. A product can receive Breakthrough Therapy designation if preliminary clinical evidence indicates that the product, alone or in combination with one or more other drugs or biologics, may demonstrate substantial improvement over existing therapies on one or more clinically significant endpoints, such as substantial treatment effects observed early in clinical development. The designation includes all of the Fast Track program features, as well as more intensive FDA interaction and guidance beginning as early as Phase 1 and an organizational commitment to expedite the development and review of the product, including involvement of senior managers.

Any marketing application for a biologic submitted to the FDA for approval, including a product with a Fast Track designation and/or Breakthrough Therapy designation, may be eligible for other types of FDA programs intended to expedite the FDA review and approval process, such as priority review and accelerated approval. A product is eligible for priority review if it has the potential to provide a significant improvement in the treatment, diagnosis or prevention of a serious disease or condition. For original BLAs, priority review designation means the FDA's goal is to take action on the marketing application within six months of the 60-day filing date (as compared to ten months under standard review).

Additionally, products studied for their safety and effectiveness in treating serious or life-threatening diseases or conditions may receive accelerated approval upon a determination that the product has an effect on a surrogate endpoint that is reasonably likely to predict clinical benefit, or on a clinical endpoint that can be measured earlier than irreversible morbidity or mortality, that is reasonably likely to predict an effect on irreversible morbidity or mortality or other clinical benefit, taking into account the severity, rarity, or prevalence of the condition and the availability or lack of alternative treatments. As a condition of accelerated approval, the FDA will generally require the sponsor to perform adequate and well-controlled post-marketing clinical studies with due diligence to verify and describe the anticipated effect on irreversible morbidity or mortality or other clinical benefit. Under the Food and Drug Omnibus Reform Act of 2022 (“FDORA”) the FDA may require, as appropriate, that such studies be underway prior to approval or within a specific time period after the date of approval for a product granted accelerated approval. Under FDORA, the FDA has increased authority for expedited procedures to withdraw approval of a product or indication approved under accelerated approval if the sponsor fails to conduct the required post-marketing studies or if such studies fail to verify the predicted clinical benefit. In addition, the FDA currently requires as a condition for accelerated approval pre-approval of promotional materials, which could adversely impact the timing of the commercial launch of the product.

Fast Track designation, Breakthrough Therapy designation and priority review do not change the standards for approval but may expedite the development or approval process. Even if a product qualifies for one or more of these programs, the FDA may later decide that the product no longer meets the conditions for qualification or decide that the time period for FDA review or approval will not be shortened.

Post-Approval Requirements

Any products manufactured or distributed by us pursuant to FDA approvals are subject to pervasive and continuing regulation by the FDA, including, among other things, requirements relating to record-keeping, reporting of adverse experiences, periodic reporting, product sampling and distribution, and advertising and promotion of the product. As part of the manufacturing process, the manufacturer is required to perform certain tests on each lot of the product before it is released for distribution. After a BLA is approved for a biological product, the product also may be subject to official lot release. If the product is subject to official release by the FDA, the manufacturer submits samples of each lot of product to the FDA together with a release protocol showing a summary of the history of manufacture of the lot and the results of all of the manufacturer’s tests performed on the lot. The FDA also may perform certain confirmatory tests on lots of some products before releasing the lots for distribution by the manufacturer. In addition, the FDA conducts laboratory research related to the regulatory standards on the safety, purity, potency and effectiveness of biologics. After approval, most changes to the approved product, such as adding new indications or other labeling claims, are subject to prior FDA review and approval. There also are continuing user fee requirements, under which the FDA assesses an annual program fee for each product identified in an approved BLA. Biologic manufacturers and their subcontractors are required to register their establishments with the FDA and certain state agencies, and are subject to periodic unannounced inspections by the FDA and certain state agencies for compliance with cGMPs, which impose certain procedural and documentation requirements upon us and our third-party manufacturers. Changes to the manufacturing process are strictly regulated, and, depending on the significance of the change, may require prior FDA approval before being implemented. FDA regulations also require investigation and correction of any deviations from cGMPs and impose reporting requirements upon us and any third-party manufacturers that we may decide to use. Accordingly, manufacturers must continue to expend time, money and effort in the area of production and quality control to maintain compliance with cGMPs and other aspects of regulatory compliance.

The FDA may withdraw approval if compliance with regulatory requirements and standards is not maintained or if problems occur after the product reaches the market. Later discovery of previously unknown problems with a product, including adverse events of unanticipated severity or frequency, or with manufacturing processes, or failure to comply with regulatory requirements, may result in revisions to the approved labeling to add new safety information; imposition of post-market studies or clinical studies to assess new safety risks; or imposition

of distribution restrictions or other restrictions under a REMS program. Other potential consequences include, among other things:

- restrictions on the marketing or manufacturing of a product, complete withdrawal of the product from the market or product recalls;
- fines, warning letters or holds on post-approval clinical studies;
- refusal of the FDA to approve pending applications or supplements to approved applications, or suspension or revocation of existing product approvals;
- product seizure or detention, or refusal of the FDA to permit the import or export of products;
- consent decrees, corporate integrity agreements, debarment or exclusion from federal healthcare programs;
- mandated modification of promotional materials and labeling and the issuance of corrective information;
- the issuance of safety alerts, Dear Healthcare Provider letters, press releases and other communications containing warnings or other safety information about the product; or
- injunctions or the imposition of civil or criminal penalties.

The FDA closely regulates the marketing, labeling, advertising and promotion of biologics. A company can make only those claims relating to safety and efficacy, purity and potency that are approved by the FDA and in accordance with the provisions of the approved label. The FDA and other agencies actively enforce the laws and regulations prohibiting the promotion of off-label uses. Failure to comply with these requirements can result in, among other things, adverse publicity, warning letters, corrective advertising and potential civil and criminal penalties. Physicians may prescribe legally available products for uses that are not described in the product's labeling and that differ from those tested by us and approved by the FDA. Such off-label uses are common across medical specialties. Physicians may believe that such off-label uses are the best treatment for many patients in varied circumstances. The FDA does not regulate the behavior of physicians in their choice of treatments. The FDA does, however, restrict manufacturer's communications on the subject of off-label use of their products.

Biosimilars and Reference Product Exclusivity

The ACA, includes a subtitle called the BPCIA, which created an abbreviated approval pathway for biological products that are highly similar, or "biosimilar," to or interchangeable with an FDA-approved reference biological product. The FDA has issued several guidance documents outlining an approach to review and approval of biosimilars.

Biosimilarity, which requires that there be no clinically meaningful differences between the biological product and the reference product in terms of safety, purity, and potency, is generally shown through analytical studies, animal studies, and a clinical study or studies. Interchangeability requires that a product is biosimilar to the reference product and the product must demonstrate that it can be expected to produce the same clinical results as the reference product in any given patient and, for products that are administered multiple times to an individual, the biologic and the reference biologic may be alternated or switched after one has been previously administered without increasing safety risks or risks of diminished efficacy relative to exclusive use of the reference biologic. A product shown to be biosimilar or interchangeable with an FDA-approved reference biological product may rely in part on the FDA's previous determination of safety and effectiveness for the reference product for approval, which can potentially reduce the cost and time required to obtain approval to market the product. Complexities associated with the larger, and often more complex, structures of biological products, as well as the processes by which such products are manufactured, pose significant hurdles to implementation of the abbreviated approval pathway that are still being worked out by the FDA. In September 2021, the FDA issued two guidance documents intended to inform prospective applicants and facilitate the development of proposed

biosimilars and interchangeable biosimilars, as well as to describe the FDA's interpretation of certain statutory requirements added by the BPCIA.

Under the BPCIA, an application for a biosimilar product may not be submitted to the FDA until four years following the date that the reference product was first licensed by the FDA. In addition, the approval of a biosimilar product may not be made effective by the FDA until 12 years from the date on which the reference product was first licensed. During this 12-year period of exclusivity, another company may still market a competing version of the reference product if the FDA approves a full BLA for the competing product containing that applicant's own preclinical data and data from adequate and well-controlled clinical trials to demonstrate the safety, purity and potency of its product. The BPCIA also created certain exclusivity periods for biosimilars approved as interchangeable products. FDA-approved interchangeable biosimilars may be substituted for the reference product without the intervention of the prescribing health care provider, subject to state laws, which differ by state.

A biological product can also obtain pediatric market exclusivity in the United States. Pediatric exclusivity, if granted, adds six months to existing exclusivity periods and patent terms. This six-month exclusivity, which runs from the end of other exclusivity protection or patent term, may be granted based on the voluntary completion of a pediatric study in accordance with an FDA-issued "Written Request" for such a study. The BPCIA is complex and continues to be interpreted and implemented by the FDA. In July 2018, the FDA announced an action plan to encourage the development and efficient review of biosimilars, including the establishment of a new office within the agency that will focus on therapeutic biologics and biosimilars. On December 20, 2020, Congress amended the PHSA as part of the COVID-19 relief bill to further simplify the biosimilar review process by making it optional to show that conditions of use proposed in labeling have been previously approved for the reference product, which used to be a requirement of the application. In addition, government proposals have sought to reduce the 12-year reference product exclusivity period. Other aspects of the BPCIA, some of which may impact the BPCIA exclusivity provisions, have also been the subject of recent litigation. As a result, the ultimate impact, implementation, and impact of the BPCIA is subject to significant uncertainty.

As discussed below, the Inflation Reduction Act of 2022 ("IRA") is a significant new law that intends to foster generic and biosimilar competition and to lower drug and biologic costs.

Other Healthcare Laws and Compliance Requirements

Pharmaceutical companies are subject to additional healthcare regulation and enforcement by the federal government and by authorities in the states and foreign jurisdictions in which they conduct their business. Such laws include, without limitation: the federal Anti-Kickback Statute ("AKS"); the federal False Claims Act ("FCA"); the Health Insurance Portability and Accountability Act of 1996 ("HIPAA") and similar foreign, federal and state fraud, abuse and transparency laws.

The AKS prohibits, among other things, persons and entities from knowingly and willfully soliciting, receiving, offering or paying remuneration, to induce, or in return for, either the referral of an individual, or the purchase, lease, order, arrangement, or recommendation of an item or service for which payment may be made under any federal healthcare program. The term remuneration has been interpreted broadly to include anything of value. The AKS has been interpreted to apply to arrangements between pharmaceutical manufacturers on one hand, and prescribers and purchasers on the other. The government often takes the position that to violate the AKS, only one purpose of the remuneration need be to induce referrals, even if there are other legitimate purposes for the remuneration. There are a number of statutory exceptions and regulatory safe harbors protecting some common activities from AKS prosecution, but they are drawn narrowly and practices that involve remuneration, such as consulting agreements, that may be alleged to be intended to induce prescribing, purchasing or recommending may be subject to scrutiny if they do not qualify for an exception or safe harbor. Our practices may not in all cases meet all of the criteria for protection under a statutory exception or regulatory safe harbor. Failure to meet all of the requirements of a particular applicable statutory exception or regulatory safe harbor does not make the

conduct per se illegal under the AKS. Instead, the legality of the arrangement will be evaluated on a case-by-case basis based on a cumulative review of all of its facts and circumstances. Violations are subject to civil and criminal fines and penalties for each violation, plus up to three times the remuneration involved, imprisonment, and exclusion from government healthcare programs. In addition, the government may assert that a claim including items or services resulting from a violation of the AKS constitutes a false or fraudulent claim for purposes of the FCA or federal civil monetary penalties.

Civil and criminal false claims laws, including the FCA, and civil monetary penalty laws, which impose criminal and civil penalties and can be enforced through civil whistleblower or qui tam actions, prohibit, among other things, individuals or entities from knowingly presenting, or causing to be presented, claims for payment of federal government funds, including in federal healthcare programs, that are false or fraudulent; knowingly making, using or causing to be made or used, a false statement of record material to a false or fraudulent claim or obligation to pay or transmit money or property to the federal government or knowingly concealing or knowingly and improperly avoiding or decreasing an obligation to pay money to the federal government. Pharmaceutical and other healthcare companies have been prosecuted under these laws for engaging in a variety of different types of conduct that “caused” the submission of false claims to federal healthcare programs. Under the AKS, for example, a claim resulting from a violation of the AKS is deemed to be a false or fraudulent claim for purposes of the FCA. The FCA also permits a private individual acting as a “whistleblower” to bring actions on behalf of the federal government alleging violations of the FCA and to share in any monetary recovery.

HIPAA created additional federal criminal statutes that prohibit, among other things, executing a scheme to defraud any healthcare benefit program, including private third-party payors, and knowingly and willfully falsifying, concealing or covering up by any trick or device a material fact or making any materially false statements or representations relating to healthcare matters.

The FDCA addresses, among other things, the design, production, labeling, promotion, manufacturing, and testing of drugs, biologics and medical devices, and prohibits such acts as the introduction into interstate commerce of adulterated or misbranded drugs or devices. The PHSA also prohibits the introduction into interstate commerce of unlicensed or mislabeled biological products.

The United States federal Physician Payments Sunshine Act requires certain manufacturers of drugs, devices, biologics and medical supplies for which payment is available under Medicare, Medicaid or the Children’s Health Insurance Program, with specific exceptions, to annually report to the Centers for Medicaid & Medicare Services (“CMS”) information related to payments or other transfers of value made to various healthcare professionals including physicians, certain other licensed health care practitioners, and teaching hospitals, as well as ownership and investment interests held by physicians and their immediate family members. Beginning on January 1, 2023, California Assembly Bill 1278 requires California physicians and surgeons to notify patients of the Open Payments database established under the federal Physician Payments Sunshine Act.

We are also subject to additional similar United States state and foreign law equivalents of each of the above federal laws, which, in some cases, differ from each other in significant ways, and may not have the same effect, thus complicating compliance efforts. If our operations are found to be in violation of any of such laws or any other governmental regulations that apply, we may be subject to penalties, including, without limitation, civil, criminal and administrative penalties, damages, fines, exclusion from government-funded healthcare programs, such as Medicare and Medicaid or similar programs in other countries or jurisdictions, integrity oversight and reporting obligations to resolve allegations of non-compliance, disgorgement, individual imprisonment, contractual damages, reputational harm, diminished profits and the curtailment or restructuring of our operations.

Data Privacy and Security

Numerous state, federal, and foreign laws govern the collection, dissemination, use, access to, confidentiality, and security of personal information, including health-related information. In the United States, numerous federal

and state laws and regulations, including state data breach notification laws, state health information privacy laws, and federal and state consumer protection laws and regulations, govern the collection, use, disclosure, and protection of health-related and other personal information could apply to our operations or the operations of our partners. For example, HIPAA, as amended by the Health Information Technology for Economic and Clinical Health, and their respective implementing regulations imposes privacy, security, and breach notification obligations on certain health care providers, health plans, and health care clearinghouses, known as covered entities, as well as their business associates and their covered subcontractors that perform certain services that involve using, disclosing, creating, receiving, maintaining, or transmitting individually identifiable health information for or on behalf of such covered entities. Entities that are found to be in violation of HIPAA may be subject to significant civil, criminal, and administrative fines and penalties and/or additional reporting and oversight obligations if required to enter into a resolution agreement and corrective action plan with the U.S. Department of Health and Human Services (“HHS”) to settle allegations of HIPAA non-compliance. Further, entities that knowingly obtain, use, or disclose individually identifiable health information maintained by a HIPAA covered entity in a manner that is not authorized or permitted by HIPAA may be subject to criminal penalties.

Even when HIPAA does not apply, according to the FTC, violating consumers’ privacy rights or failing to take appropriate steps to keep consumers’ personal information secure may constitute unfair acts or practices in or affecting commerce in violation of Section 5(a) of the Federal Trade Commission Act.

In addition, state laws govern the privacy and security of personal information, including health-related information, in certain circumstances. Failure to comply with these laws, where applicable, can result in the imposition of significant civil and/or criminal penalties and private litigation. For example, the California Consumer Privacy Act, which went into effect on January 1, 2020, has created new data privacy obligations for covered companies and provided new privacy rights to California residents.

Coverage and Reimbursement

In the United States and markets in other countries, patients generally rely on third-party payors to reimburse all or part of the costs associated with their treatment. Adequate coverage and reimbursement from governmental healthcare programs, such as Medicare and Medicaid, and commercial payors is critical to new product acceptance. Our ability to successfully commercialize our product candidates will depend in part on the extent to which coverage and adequate reimbursement for these products and related treatments will be available from government health administration authorities, private health insurers and other organizations. Even if coverage is provided, the approved reimbursement amount may not be high enough to allow us to establish or maintain pricing sufficient to realize a sufficient return on our investment. Government authorities and third-party payors, such as private health insurers and health maintenance organizations, decide which medications they will pay for and establish reimbursement levels.

Significant uncertainty exists as to the coverage and reimbursement status of any pharmaceutical or biological product for which we obtain regulatory approval. Sales of any product, if approved, depend, in part, on the extent to which such product will be covered by third-party payors, such as federal, state, and foreign government healthcare programs, commercial insurance and managed healthcare organizations, and the level of reimbursement, if any, for such product by third-party payors. Decisions regarding whether to cover any of our product candidates, if approved, the extent of coverage and amount of reimbursement to be provided are made on a plan-by-plan basis. Further, no uniform policy for coverage and reimbursement exists in the United States, and coverage and reimbursement can differ significantly from payor to payor. Third-party payors often rely upon Medicare coverage policy and payment limitations in setting their own reimbursement rates, but also have their own methods and approval process apart from Medicare determinations. As a result, the coverage determination process is often a time-consuming and costly process that will require us to provide scientific and clinical support for the use of our product candidates to each payor separately, with no assurance that coverage and adequate

reimbursement will be applied consistently or obtained in the first instance. Factors payors consider in determining reimbursement are based on whether the product is:

- a covered benefit under its health plan;
- safe, effective and medically necessary;
- appropriate for the specific patient;
- cost-effective; and
- neither experimental nor investigational.

Third-party payors are increasingly challenging the prices charged for medical products and services, examining the medical necessity and reviewing the cost effectiveness of pharmaceutical or biological products, medical devices and medical services, in addition to questioning safety and efficacy.

Adoption of price controls and cost-containment measures, and adoption of more restrictive policies in jurisdictions with existing controls and measures, could further limit sales of any product that receives approval. Decreases in third-party reimbursement for any product or a decision by a third-party not to cover a product could reduce physician usage and patient demand for the product.

For products administered under the supervision of a physician, obtaining coverage and adequate reimbursement may be particularly difficult because of the higher prices often associated with such drugs. Additionally, separate reimbursement for the product itself or the treatment or procedure in which the product is used may not be available, which may impact physician utilization. In addition, companion diagnostic tests require coverage and reimbursement separate and apart from the coverage and reimbursement for their companion pharmaceutical or biological products. Similar challenges to obtaining coverage and reimbursement, applicable to pharmaceutical or biological products, will apply to companion diagnostics.

In addition, net prices for drugs may be reduced by mandatory discounts or rebates required by government healthcare programs or private payors and by any future relaxation of laws that presently restrict imports of drugs from countries where they may be sold at lower prices than in the United States. Increasingly, third-party payors are requiring that drug companies provide them with predetermined discounts from list prices and are challenging the prices charged for medical products. We cannot be sure that reimbursement will be available for any product candidate that we commercialize and, if reimbursement is available, the level of reimbursement. In addition, many pharmaceutical manufacturers must calculate and report certain price reporting metrics to the government, such as average sales price, and best price. Penalties may apply in some cases when such metrics are not submitted accurately and timely. Further, these prices for drugs may be reduced by mandatory discounts or rebates required by government healthcare programs.

Finally, in some foreign countries, the proposed pricing for a drug must be approved before it may be lawfully marketed. The requirements governing drug pricing vary widely from country to country. For example, the EU provides options for its member states to restrict the range of medicinal products for which their national health insurance systems provide reimbursement and to control the prices of medicinal products for human use. To obtain reimbursement or pricing approval, some of these countries may require the completion of clinical trials that compare the cost effectiveness of a particular product candidate to currently available therapies. A member state may approve a specific price for the medicinal product or it may instead adopt a system of direct or indirect controls on the profitability of the company placing the medicinal product on the market. There can be no assurance that any country that has price controls or reimbursement limitations for pharmaceutical products will allow favorable reimbursement and pricing arrangements for any of its product candidates. Historically, products launched in the EU do not follow price structures of the United States and generally prices tend to be significantly lower.

Healthcare reform

The United States and some foreign jurisdictions are considering or have enacted a number of reform proposals to change the healthcare system. There is significant interest in promoting changes in healthcare systems with the stated goals of containing healthcare costs, improving quality or expanding access. In the United States, the pharmaceutical industry has been a particular focus of these efforts and has been significantly affected by federal and state legislative initiatives, including those designed to limit the pricing, coverage, and reimbursement of pharmaceutical and biopharmaceutical products, especially under government-funded health care programs, and increased governmental control of drug pricing.

The ACA, which was enacted in 2010, substantially changed the way healthcare is financed by both governmental and private insurers in the United States, and significantly affected the pharmaceutical industry. The ACA contains a number of provisions of particular import to the pharmaceutical and biotechnology industries, including, but not limited to, those governing enrollment in federal healthcare programs. Since its enactment, there have been judicial and Congressional challenges to certain aspects of the ACA, and we expect there will be additional challenges and amendments to the ACA in the future.

Other legislative changes have been proposed and adopted since the ACA was enacted. For example, the Budget Control Act of 2011 and subsequent legislation, among other things, created measures for spending reductions by Congress that include aggregate reductions of Medicare payments to providers of 2% per fiscal year, which remain in effect through 2032. Due to the Statutory Pay-As-You-Go Act of 2010, estimated budget deficit increases resulting from the American Rescue Plan Act of 2021, and subsequent legislation, Medicare payments to providers will be further reduced starting in 2025 absent further legislation. The United States American Taxpayer Relief Act of 2012 further reduced Medicare payments to several types of providers and increased the statute of limitations period for the government to recover overpayments to providers from three to five years.

In addition, the Bipartisan Budget Act of 2018, among other things, amended the Medicare Act (as amended by the ACA) to increase the point-of-sale discounts that manufacturers must agree to offer under the Medicare Part D coverage discount program to 70% off negotiated prices of applicable brand drugs to eligible beneficiaries during their coverage gap period, as a condition for the manufacturer's outpatient drugs being covered under Medicare Part D.

Moreover, there has recently been heightened governmental scrutiny over the manner in which manufacturers set prices for their marketed products, which has resulted in several Congressional inquiries and proposed and enacted federal and state measures designed to, among other things, reduce the cost of prescription drugs, bring more transparency to product pricing, review the relationship between pricing and manufacturer patient programs, and reform government program reimbursement methodologies for drug products. For example, in May 2019, CMS adopted a final rule allowing Medicare Advantage Plans the option to use step therapy for Part B drugs, permitting Medicare Part D plans to apply certain utilization controls to new starts of five of the six protected class drugs, and requiring the Explanation of Benefits for Part D beneficiaries to disclose drug price increases and lower cost therapeutic alternatives.

In addition, the United States government, state legislatures and foreign governments have continued implementing cost-containment programs, including price controls, restrictions on coverage and reimbursement and requirements for substitution of generic products. The IRA includes several provisions that may impact our business to varying degrees, including provisions that reduce the out-of-pocket spending cap for Medicare Part D beneficiaries from \$7,050 to \$2,000 starting in 2025, thereby effectively eliminating the coverage gap; impose new manufacturer financial liability on certain drugs under Medicare Part D, allow the United States government to negotiate Medicare Part B and Part D price caps for certain high-cost drugs and biologics without generic or biosimilar competition; require companies to pay rebates to Medicare for certain drug prices that increase faster than inflation; and delay until January 1, 2032 the implementation of the HHS rebate rule that would have limited the fees that pharmacy benefit managers can charge. Further, under the IRA, orphan drugs are exempted from the

Medicare drug price negotiation program, but only if they have one rare disease designation and for which the only approved indication is for that disease or condition. If a product receives multiple rare disease designations or has multiple approved indications, it may not qualify for the orphan drug exemption. These provisions will take effect progressively starting in fiscal year 2023, although the Medicare drug price negotiation program is currently subject to legal challenges. The effects of the IRA on its business and the healthcare industry in general is not yet known.

President Biden has also issued multiple executive orders that have sought to reduce prescription drug costs. In February 2023, HHS also issued a proposal in response to an October 2022 executive order from President Biden that includes a proposed prescription drug pricing model that will test whether targeted Medicare payment adjustments will sufficiently incentivize manufacturers to complete confirmatory trials for drugs approved through FDA's accelerated approval pathway. Although a number of these and other proposed measures may require authorization through additional legislation to become effective, and the Biden administration may reverse or otherwise change these measures, both the Biden administration and Congress have indicated that they will continue to seek new legislative measures to control drug costs.

Notwithstanding the IRA and President Biden's executive orders, continued legislative and enforcement interest exists in the United States with respect to specialty drug pricing practices. Specifically, we expect regulators to continue pushing for transparency to drug pricing, reducing the cost of prescription drugs under Medicare, reviewing the relationship between pricing and manufacturer patient programs, and reforming government program reimbursement methodologies for drugs.

Individual states in the United States have also become increasingly active in passing legislation and implementing regulations designed to control pharmaceutical and biological product pricing, including price or patient reimbursement constraints, discounts, restrictions on certain drug access and marketing cost disclosure and transparency measures, and designed to encourage importation from other countries and bulk purchasing. Legally mandated price controls on payment amounts by third-party payors or other restrictions could harm our business, financial condition, results of operations and prospects. In addition, regional healthcare authorities and individual hospitals are increasingly using bidding procedures to determine what pharmaceutical products and which suppliers will be included in their prescription drug and other healthcare programs. This could reduce the ultimate demand for our drugs or put pressure on our drug pricing, which could negatively affect our business, financial condition, results of operations and prospects.

Other Government and Regulation Outside of the United States

In addition to regulations in the United States, we are subject to a variety of regulations in other jurisdictions governing, among other things, research and development, clinical trials, testing, manufacturing, safety, efficacy, quality control, labeling, packaging, storage, record keeping, distribution, reporting, export and import, advertising, marketing and other promotional practices involving biological products as well as authorization, approval as well as post-approval monitoring and reporting of our products. Because biologically sourced raw materials are subject to unique contamination risks, their use may be restricted in some countries.

Whether or not we obtain FDA approval for a product, we must obtain the requisite approvals from regulatory authorities in foreign countries prior to the commencement of clinical trials or marketing of the product in those countries. Certain countries outside of the United States have a similar process that requires the submission of a clinical trial application much like an IND prior to the commencement of human clinical trials.

The requirements and process governing the conduct of clinical trials, including requirements to conduct additional clinical trials, product licensing, safety reporting, post-authorization requirements, marketing and promotion, interactions with healthcare professionals, pricing and reimbursement may vary widely from country to country. No action can be taken to market any product in a country until an appropriate approval application has been approved by the regulatory authorities in that country. The current approval process varies from country

to country, and the time spent in gaining approval varies from that required for FDA approval. In certain countries, the sales price of a product must also be approved. The pricing review period often begins after market approval is granted. Even if a product is approved by a regulatory authority, satisfactory prices may not be approved for such product, which would make launch of such products commercially unfeasible in such countries.

Regulation in the European Union

The collection and use of personal health data and other personal data regarding individuals in the EEA is governed by the provisions of the European General Data Protection Regulation (EU) 2016/679 (“EU GDPR”) and related data protection laws in individual EEA member states, including additional requirements relating to health, genetic and biometric data implemented through national legislation. Similar processing of personal health data and other personal data regarding individuals in the UK is governed by the UK General Data Protection Regulation (“UK GDPR”) and the UK Data Protection Act 2018. In this document, “GDPR” refers to both the EU GDPR and the UK GDPR, unless specified otherwise. The GDPR imposes a number of strict obligations and restrictions on the ability to process, including collecting, analyzing and transferring, personal data of individuals, in particular with respect to health data from clinical trials and adverse event reporting. The GDPR includes requirements relating to the legal basis of the processing (such as consent of the individuals to whom the personal data relates), the information provided to the individuals prior to processing their personal data, the notification obligations to the national data protection authorities, and the security and confidentiality of the personal data.

In addition, the GDPR imposes specific restrictions on the transfer of personal data to countries outside of the EEA/UK that are not considered by the European Commission (“EC”) and the UK government as providing an adequate level of data protection (third countries), including the United States. Appropriate safeguards are required to enable such transfers. Among the appropriate safeguards that can be used, the data exporter may use the EC approved standard contractual clauses (“SCCs”) and the UK International Data Transfer Agreement/Addendum (“UK IDTA”). Where relying on the SCCs or UK IDTA for data transfers, we may also be required to carry out transfer impact assessments to assess whether the recipient is subject to local laws which allow public authority access to personal data. The international transfer obligations under the EEA/UK data protection regimes will require effort and cost and may result in us needing to make strategic considerations around where EEA/UK personal data is located and which service providers we can utilize for the processing of EEA/UK personal data. Although the UK is regarded as a third country under the EU GDPR, the EC has issued a decision recognizing the UK as providing adequate protection under the EU GDPR (“Adequacy Decision”) and, therefore, transfers of personal data originating in the EEA to the UK remain unrestricted. The UK government has confirmed that personal data transfers from the UK to the EEA remain free flowing. The UK government has also now introduced a Data Protection and Digital Information Bill (“UK Data Protection Bill”) into the UK legislative process with the intention for this bill to reform the UK’s data protection regime following Brexit. If passed, the final version of the UK Data Protection Bill may have the effect of further altering the similarities between the UK and EU data protection regime. This may lead to additional compliance costs and could increase our overall risk. The respective provisions and enforcement of the EU GDPR and UK GDPR may further diverge in the future and create additional regulatory challenges and uncertainties.

On March 25, 2022, the EC and the United States announced that they have agreed in principle on a new Trans-Atlantic Data Privacy Framework. Following this statement, on October 7, 2022, President Biden signed an Executive Order on ‘Enhancing Safeguards for United States Signals Intelligence Activities’, which implemented the agreement in principle. On that basis, the EC prepared a draft Adequacy Decision and launched its adoption procedure. While this new EU-United States privacy framework is expected to enter into force in 2023, there is still some uncertainty around the new framework.

Failure to comply with the requirements of the GDPR and the related national data protection laws of the EEA member states/UK may result in significant monetary fines for noncompliance of up to €20 million

(£17.5 million for the UK) or 4% of the annual global revenues of the noncompliant company, whichever is greater, other administrative penalties and a number of criminal offenses (punishable by uncapped fines) for organizations and, in certain cases, their directors and officers, as well as civil liability claims from individuals whose personal data was processed. Data protection authorities from the different EEA member states/UK may still implement certain variations, enforce the GDPR and national data protection laws differently, and introduce additional national regulations and guidelines, which adds to the complexity of processing personal data subject to the EEA/UK data protection regimes. Guidance developed at both the EU level and at the national level in individual EU member states concerning implementation and compliance practices are often updated or otherwise revised.

Compliance with the GDPR is a rigorous and time-intensive process that may increase our cost of doing business or require us to change our business practices, and despite those efforts, there is a risk that we may be subject to fines, penalties and litigation in connection with European activities, which could in turn have a negative effect on our reputation and materially harm our business.

Furthermore, there is a growing trend towards the required public disclosure of clinical trial data in the EU, which adds to the complexity of obligations relating to processing health data from clinical trials. Such public disclosure obligations are provided in the new EU Clinical Trials Regulation (EU) No. 536/2014 (the “CTR”), European Medical Agency (“EMA”) disclosure initiatives and voluntary commitments by industry. Failure to comply with these obligations could lead to government enforcement actions and significant penalties against us, harm to our reputation, and adversely impact our business and operating results. The uncertainty regarding the interplay between different regulatory frameworks, such as the CTR and the GDPR, further adds to the complexity that we face with regard to data protection regulation.

Drug and Biologic Development Process

Regardless of where they are conducted, all clinical trials included in applications for marketing authorization for human medicines in the EU must have been carried out in accordance with EU regulations. This means that clinical trials conducted in the EU have to comply with EU clinical trial legislation but also that clinical trials conducted outside the EU have to comply with ethical principles equivalent to those set out in the EU, including adhering to international good clinical practice and the Declaration of Helsinki. The conduct of clinical trials in the EU is governed by the CTR, which entered into force on January 31, 2022. The CTR replaced the Clinical Trials Directive 2001/20/EC, (“Clinical Trials Directive”) and introduced a complete overhaul of the existing regulation of clinical trials for medicinal products in the EU.

Under the former regime, which will expire after a transition period of one or three years, respectively, as outlined below in more detail, before a clinical trial can be initiated it must be approved in each EU member state where there is a site at which the clinical trial is to be conducted. The approval must be obtained from two separate entities: the national competent authority in the applicable EU member state(s) and one or more ethics committees. The national competent authority of all EU member states in which the clinical trial will be conducted must authorize the conduct of the trial, and the independent ethics committee must grant a positive opinion in relation to the conduct of the clinical trial in the relevant EU member state before the commencement of the trial. Any substantial changes to the trial protocol or other information submitted with the clinical trial applications must be submitted to or approved by the relevant national competent authorities and ethics committees. Under the current regime all suspected unexpected serious adverse reactions to the investigated drug that occur during the clinical trial must be reported to the national competent authority and to the ethics committees of the EU member state where they occur.

A more unified procedure applies under the CTR. A sponsor can submit a single application for approval of a clinical trial through a centralized EU clinical trials portal (the “CTIS”). One national competent authority (the reporting EU member state proposed by the applicant) will take the lead in validating and evaluating the application, and will consult and coordinate with the other concerned EU member states. If an application is

rejected, it may be amended and resubmitted through the EU clinical trials portal. If an approval is issued, the sponsor may start the clinical trial in all concerned EU member states. However, a concerned EU member state may in limited circumstances declare an “opt-out” from an approval and prevent the clinical trial from being conducted in such member state. The CTR also aims to streamline and simplify the rules on safety reporting, and introduces enhanced transparency requirements such as mandatory submission of a summary of the clinical trial results to the EU database. The CTR foresees a three-year transition period. On January 31, 2023, submission of initial clinical trial applications via CTIS became mandatory, and by January 31, 2025, all ongoing trials approved under the former Clinical Trials Directive will need to comply with the CTR and have to be transitioned to CTIS.

Under both the former regime and the CTR, national laws, regulations, and the applicable Good Clinical Practice and Good Laboratory Practice standards must also be respected during the conduct of the trials, including the International Council for Harmonization of Technical Requirements for Pharmaceuticals for Human Use guidelines on Good Clinical Practice and the ethical principles that have their origin in the Declaration of Helsinki.

During the development of a medicinal product, the EMA and national regulators within the EU provide the opportunity for dialogue and guidance on the development program. At the EMA level, this is usually done in the form of scientific advice, which is given by the Committee for Medicinal Products for Human Use (“CHMP”) on the recommendation of the Scientific Advice Working Party. A fee is incurred with each scientific advice procedure, but is significantly reduced for designated orphan medicines. Advice from the EMA is typically provided based on questions concerning, for example, quality (chemistry, manufacturing and controls testing), nonclinical testing and clinical studies, and pharmacovigilance plans and risk-management programs. Advice is not legally binding with regard to any future marketing authorization application (“MAA”) for the product concerned.

Drug Marketing Authorization

In the EU, medicinal products are subject to extensive pre- and post-market regulation by regulatory authorities at both the EU and national levels. To obtain regulatory approval of a product under the EU regulatory systems, we must submit an MAA under either the EU centralized procedure, or one of the national procedures in the EU.

Centralized Authorization Procedure

The centralized procedure provides for the grant of a single marketing authorization (“MA”) that is issued by the EC following the scientific assessment of the application by the EMA and that is valid for all EU member states as well as in the three additional EEA member states (Norway, Iceland and Liechtenstein). The centralized procedure is compulsory for certain types of medicinal products, including for medicines developed by means of certain biotechnological processes, products designated as orphan medicinal products, advanced therapy medicinal products (gene therapy, somatic cell therapy or tissue-engineered medicines) and medicinal products with a new active substance indicated for the treatment of certain diseases (HIV/AIDS, cancer, neurodegenerative disorders, diabetes, auto-immune and other immune dysfunctions and viral diseases). The centralized procedure is an option for medicinal products containing a new active substance not yet authorized in the EU, or for products that constitute a significant therapeutic, scientific or technical innovation or for which the grant of an MA through the centralized procedure would be in the interest of public health at EU level.

Under the centralized procedure, the CHMP established at the EMA, is responsible for conducting the initial assessment of a drug. The CHMP is also responsible for several post-authorization and maintenance activities, such as the assessment of modifications or extensions to an existing marketing authorization. Under the centralized procedure, the timeframe for the evaluation of an MAA by the EMA’s CHMP is, in principle, 210 days from receipt of a valid MAA. However, this timeline excludes clock stops, when additional written or oral information is to be provided by the applicant in response to questions asked by the CHMP, so the overall

process typically takes a year or more, unless the application is eligible for an accelerated assessment. Accelerated evaluation might be granted by the CHMP in exceptional cases, when a medicinal product is expected to be of a major public health interest, particularly from the point of view of therapeutic innovation. Upon request, the CHMP can reduce the time frame to 150 days if the applicant provides sufficient justification for an accelerated assessment. The CHMP will provide a positive opinion regarding the application only if it meets certain quality, safety and efficacy requirements. This opinion is then transmitted to the EC, which has the ultimate authority for granting the MA within 67 days after receipt of the CHMP opinion.

Decentralized and Mutual Recognition Procedures

Medicines that fall outside the mandatory scope of the centralized procedure can be authorized under a decentralized procedure where an applicant applies for simultaneous authorization in more than one EU member state, or they can be authorized in an EU member state in accordance with that state's national procedures and then be authorized in other EU countries by a procedure whereby the countries concerned agree to recognize the validity of the original, national marketing authorization (mutual recognition procedure).

The decentralized procedure permits companies to file identical MA applications for a medicinal product to the competent authorities in various EU member states simultaneously if such medicinal product has not received marketing approval in any EU member state before. The competent authority of a single EU member state, the reference member state, is appointed to review the application and provide an assessment report. The competent authorities of the other EU member states, the concerned member states, are subsequently required to grant a marketing authorization for their territories on the basis of this assessment. The only exception to this is where the competent authority of an EU member state considers that there are concerns of potential serious risk to public health, the disputed points are subject to a dispute resolution mechanism and may eventually be referred to the EC, whose decision is binding for all EU member states.

Risk Management Plan

All new MAAs must include a Risk Management Plan ("RMP") describing the risk management system that the company will put in place and documenting measures to prevent or minimize the risks associated with the product. RMPs are continually modified and updated throughout the lifetime of the medicine as new information becomes available. An updated RMP must be submitted: (i) at the request of EMA or a national competent authority, or (ii) whenever the risk-management system is modified, especially as the result of new information being received that may lead to a significant change to the benefit-risk profile or as a result of an important pharmacovigilance or risk-minimization milestone being reached. The regulatory authorities may also impose specific obligations as a condition of the MA. RMPs and Periodic Safety Update Reports ("PSURs") are routinely available to third parties requesting access, subject to limited redactions.

MA Validity Period

In the EU, an MA has an initial duration of five years. After these five years, the authorization may subsequently be renewed on the basis of a reevaluation of the risk-benefit balance. Once renewed, the MA is valid for an unlimited period unless the EC or the national competent authority decides, on justified grounds relating to pharmacovigilance, to proceed with only one additional five-year renewal. Applications for renewal must be made to the EMA at least nine months before the five-year period expires.

Exceptional Circumstances/Conditional Approval

Similar to accelerated approval regulations in the United States, conditional MAs can be granted in the EU for medicines intended for treating, preventing or diagnosing seriously debilitating or life-threatening diseases, or in a public health emergency. A conditional MA can be granted for medicinal products where, although comprehensive clinical data referring to the safety and efficacy of the medicinal product have not been supplied,

the following criteria are fulfilled: (i) the benefit/risk balance of the product is positive, (ii) it is likely that the applicant will be in a position to provide the comprehensive clinical data post-authorization, (iii) unmet medical needs will be fulfilled by the grant of the MA and (iv) the benefit to public health of the immediate availability on the market of the medicinal product concerned outweighs the risk inherent in the fact that additional data are still required. Once a conditional MA has been granted, the MA holder must fulfill specific obligations within defined timelines. A conditional MA must be renewed annually, but can be converted into a standard MA once the MA holder fulfills the obligations imposed and the complete data confirm that the medicine's benefits continue to outweigh its risks.

Data and Market Exclusivity

As in the United States, it may be possible to obtain a period of market and / or data exclusivity in the EU that would have the effect of postponing the entry into the marketplace of a competitor's generic, hybrid or biosimilar product (even if the pharmaceutical product has already received a MA) and prohibiting another applicant from relying on the MA holder's pharmacological, toxicological and clinical data in support of another MA for the purposes of submitting an application, obtaining an MA or placing the product on the market. Innovative medicinal products (sometimes referred to as new chemical entities ("NCEs")) approved in the EU generally qualify for eight years of data exclusivity and 10 years of marketing exclusivity.

If granted, the data exclusivity period begins on the date of the product's first MA in the EU and prevents generic or biosimilar applicants from referencing the innovator's preclinical and clinical trial data contained in the dossier of the reference product when applying for a generic or biosimilar marketing authorization in the EU. After eight years, a generic product application may be submitted and generic companies may rely on the MA holder's data. However, a generic product cannot launch until two years later (or a total of 10 years after the first MA in the EU of the innovator product). An additional one-year period of marketing exclusivity is possible if, during the data exclusivity period (the first eight years of the 10-year marketing exclusivity period), the MA holder obtains an authorization for one or more new therapeutic indications that are deemed to bring a significant clinical benefit compared to existing therapies. Additionally, a standalone one-year period of data exclusivity can be granted where an application is made for a new indication for a well-established substance, provided that significant pre-clinical or clinical studies were carried out in relation to the new indication.

Where a change of classification of a pharmaceutical product has been authorized on the basis of significant pre-trial tests or clinical trials, when examining an application by another applicant for or holder of an MA for a change of classification of the same substance the competent authority will not refer to the results of those tests or trials for one year after the initial change was authorized.

Products may not be granted data exclusivity since there is no guarantee that a product will be considered by the EU's regulatory authorities to include a NCE. Even if a compound is considered to be a NCE and the MA applicant is able to gain the prescribed period of data exclusivity, another company nevertheless could also market another version of the medicinal product if such company can complete a full MAA with their own complete database of pharmaceutical tests, preclinical studies and clinical trials and obtain MA of its product.

Pediatric Development

In the EU, companies developing a new medicinal product are obligated to study their product in children and must therefore submit a pediatric investigation plan ("PIP") together with a request for agreement to the EMA, unless the EMA has granted a product-specific waiver, a class waiver, or a deferral for one or more of the measures included in the PIP. The EMA issues a decision on the PIP based on an opinion of the EMA's Pediatric Committee. Companies must conduct pediatric clinical trials in accordance with the PIP approved by the EMA, unless a deferral (e.g. until enough information to demonstrate its effectiveness and safety in adults is available) or waiver (e.g. because the relevant disease or condition occurs only in adults) has been granted by the EMA. The MAA for the medicinal product must include the results of all pediatric clinical trials performed and details

of all information collected in compliance with the approved PIP, unless such a waiver or a deferral has been granted. Medicinal products that are granted an MA on the basis of the pediatric clinical trials conducted in accordance with the approved PIP are eligible for a six month extension of the protection under a supplementary protection certificate (“SPC”), provided an application for such extension is made at the same time as filing the SPC application for the product, or at any point up to two years before the SPC expires, or, in the case of orphan medicinal products, a two year extension of the orphan market exclusivity. This pediatric reward is subject to specific conditions and is not automatically available when data in compliance with the approved PIP are developed and submitted. An approved PIP is also required when an MA holder wants to add a new indication, medicinal form or route of administration for a medicine that is already authorized and covered by intellectual property rights.

PRIME Designation

In March 2016, the EMA launched an initiative to facilitate development of product candidates in indications, often rare, for which few or no therapies currently exist. The Priority Medicines (“PRIME”) scheme is intended to encourage drug development in areas of unmet medical need and provides accelerated assessment of products representing substantial innovation reviewed under the centralized procedure. Products from small- and medium-sized enterprises may qualify for earlier entry into the PRIME scheme than larger companies on the basis of compelling non-clinical data and tolerability data from initial clinical trials. Many benefits accrue to sponsors of product candidates with PRIME designation, including but not limited to, early and proactive regulatory dialogue with the EMA, frequent discussions on clinical trial designs and other development program elements, and potentially accelerated marketing authorization application assessment once a dossier has been submitted. Importantly, once a candidate medicine has been selected for the PRIME scheme, a dedicated contact point and rapporteur from the CHMP or from the Committee for Advanced Therapeutics (“CAT”) are appointed facilitating increased understanding of the product at EMA’s Committee level. A kick-off meeting with the CHMP/CAT rapporteur initiates these relationships and includes a team of multidisciplinary experts to provide guidance on the overall development plan and regulatory strategy. PRIME eligibility does not change the standards for product approval, and there is no assurance that any such designation or eligibility will result in expedited review or approval.

Post-Approval Regulation

Similar to the United States, both MA holders and manufacturers of medicinal products are subject to comprehensive regulatory oversight by the EMA, the EC and/or the competent regulatory authorities of the EU member states. This oversight applies both before and after grant of manufacturing licenses and marketing authorizations. It includes control of compliance with EU good manufacturing practices rules, manufacturing authorizations, pharmacovigilance rules and requirements governing advertising, promotion, sale, and distribution, recordkeeping, importing and exporting of medicinal products.

Failure by us or by any of our third-party partners, including suppliers, manufacturers and distributors to comply with EU laws and the related national laws of individual EU member states governing the conduct of clinical trials, manufacturing approval, MA of medicinal products and marketing of such products, both before and after grant of MA, statutory health insurance, bribery and anti-corruption or other applicable regulatory requirements may result in administrative, civil or criminal penalties. These penalties could include delays or refusal to authorize the conduct of clinical trials or to grant an MA, product withdrawals and recalls, product seizures, suspension, withdrawal or variation of the MA, total or partial suspension of production, distribution, manufacturing or clinical trials, operating restrictions, injunctions, suspension of licenses, fines and criminal penalties.

The holder of an MA for a medicinal product must also comply with EU pharmacovigilance legislation and its related regulations and guidelines, which entail many requirements for conducting pharmacovigilance, or the assessment and monitoring of the safety of medicinal products.

MA holders must establish and maintain a pharmacovigilance system and appoint an individual qualified person for pharmacovigilance, who is responsible for oversight of that system. Key obligations include expedited reporting of suspected serious adverse reactions and submission of PSURs in relation to medicinal products for which they hold MAs. The EMA reviews PSURs for medicinal products authorized through the centralized procedure. If the EMA has concerns that the risk benefit profile of a product has varied, it can adopt an opinion advising that the existing MA for the product be suspended, withdrawn or varied. The EMA can advise that the MA holder be obliged to conduct post-authorization Phase IV safety studies. If the EC agrees with the opinion, it can adopt a decision varying the existing MA. Failure by the MA holder to fulfill the obligations for which the EC's decision provides can undermine the ongoing validity of the MA.

More generally, non-compliance with pharmacovigilance obligations can lead to the variation, suspension or withdrawal of the MA for the product or imposition of financial penalties or other enforcement measures.

The manufacturing process for pharmaceutical products in the EU is highly regulated and regulators may shut down manufacturing facilities that they believe do not comply with regulations. Manufacturing requires a manufacturing authorization, and the manufacturing authorization holder must comply with various requirements set out in the applicable EU laws, regulations and guidance, including Directive 2001/83/EC, Directive 2003/94/EC, Regulation (EC) No 726/2004 and the European Commission Guidelines for Good Manufacturing Practice ("GMP"). These requirements include compliance with GMP standards when manufacturing pharmaceutical products and active pharmaceutical ingredients, including the manufacture of active pharmaceutical ingredients outside of the EU with the intention to import the active pharmaceutical ingredients into the EU. Similarly, the distribution of pharmaceutical products into and within the EU is subject to compliance with the applicable EU laws, regulations and guidelines, including the requirement to hold appropriate authorizations for distribution granted by the competent authorities of the EU member states. The manufacturer or importer must have a qualified person who is responsible for certifying that each batch of product has been manufactured in accordance with GMP, before releasing the product for commercial distribution in the EU or for use in a clinical trial. Manufacturing facilities are subject to periodic inspections by the competent authorities for compliance with GMP.

Sales and Marketing Regulations

The advertising and promotion of our products is also subject to EU laws concerning promotion of medicinal products, interactions with physicians, misleading and comparative advertising and unfair commercial practices. In addition, other national legislation of individual EU member states may apply to the advertising and promotion of medicinal products and may differ from one country to another. These laws require that promotional materials and advertising in relation to medicinal products comply with the product's Summary of Product Characteristics ("SmPC") as approved by the national competent authorities. The SmPC is the document that provides information to physicians concerning the safe and effective use of the medicinal product. It forms an intrinsic and integral part of the marketing authorization granted for the medicinal product. Promotion of a medicinal product that does not comply with the SmPC is considered to constitute off-label promotion, which is prohibited in the EU. Direct-to-consumer advertising of prescription-only medicines is also prohibited in the EU. Violations of the rules governing the promotion of medicinal products in the EU could be penalized by administrative measures, fines and imprisonment.

Anti-Corruption Legislation

In the EU, interactions between pharmaceutical companies and physicians are also governed by strict laws, regulations, industry self-regulation codes of conduct and physicians' codes of professional conduct both at EU level and in the individual EU member states. The provision of benefits or advantages to physicians to induce or encourage the prescription, recommendation, endorsement, purchase, supply, order or use of medicinal products is prohibited in the EU. The provision of benefits or advantages to physicians is also governed by the national anti-bribery laws of the EU member states. Violation of these laws could result in substantial fines and imprisonment.

Payments made to physicians in certain EU member states also must be publicly disclosed. Moreover, agreements with physicians must often be the subject of prior notification and approval by the physician's employer, his/her regulatory professional organization, and/or the competent authorities of the individual EU member states. These requirements are provided in the national laws, industry codes, or professional codes of conduct, applicable in the individual EU member states. Failure to comply with these requirements could result in reputational risk, public reprimands, administrative penalties, fines or imprisonment.

Other Markets

The UK formally left the EU on January 31, 2020 and the transition period, during which EU laws continued to apply to the UK, expired on December 31, 2020. This means EU laws now only apply to the UK in respect of Northern Ireland as laid out in the Northern Ireland Protocol. Following the end of the transition period, the EU and the UK concluded a trade and cooperation agreement ("TCA"), which applied provisionally from January 1, 2021 and entered into force on May 1, 2021.

The TCA includes specific provisions concerning pharmaceuticals, which include the mutual recognition of GMP, inspections of manufacturing facilities for medicinal products and GMP documents issued but does not provide for wholesale mutual recognition of UK and EU pharmaceutical regulations. At present, Great Britain has implemented EU legislation on the marketing, promotion and sale of medicinal products through the Human Medicines Regulations 2012 (as amended). Except in respect of the new CTR, the regulatory regime in Great Britain therefore largely aligns with current EU medicines regulations, however it is possible that these regimes will diverge more significantly in future now that Great Britain's regulatory system is independent from the EU and the TCA does not provide for mutual recognition of UK and EU pharmaceutical legislation. However, notwithstanding that there is no wholesale recognition of EU pharmaceutical legislation under the TCA, under a new framework which will be put in place by the Medicines and Healthcare products Regulatory Agency ("MHRA"), from January 1, 2024, the MHRA has stated that it will take into account decisions on the approval of marketing authorizations from the EMA (and certain other regulators) when considering an application for a Great Britain marketing authorization.

On February 27, 2023, the UK government and the EC announced a political agreement in principle to replace the Northern Ireland Protocol with a new set of arrangements, known as the "Windsor Framework". This new framework fundamentally changes the existing system under the Northern Ireland Protocol, including with respect to the regulation of medicinal products in the UK. In particular, the MHRA will be responsible for approving all medicinal products destined for the UK market (i.e., Great Britain and Northern Ireland), and the EMA will no longer have any role in approving medicinal products destined for Northern Ireland. A single UK-wide marketing authorization will be granted by the MHRA for all medicinal products to be sold in the UK, enabling products to be sold in a single pack and under a single authorization throughout the UK. The Windsor Framework was approved by the EU- UK Joint Committee on March 24, 2023, so the UK government and the EU will enact legislative measures to bring it into law.

For other countries outside of the EU, such as countries in Eastern Europe, Latin America or Asia, the requirements governing the conduct of clinical trials, product licensing, pricing and reimbursement vary from country to country. In all cases, again, the clinical trials must be conducted in accordance with cGCPs and the applicable regulatory requirements and the ethical principles that have their origin in the Declaration of Helsinki.

If we fail to comply with applicable foreign regulatory requirements, we may be subject to, among other things, fines, suspension of clinical trials, suspension or withdrawal of regulatory approvals, product recalls, seizure of products, operating restrictions and criminal prosecution.

Properties and Facilities

We are a fully remote company and do not maintain physical corporate offices. Our employees work remotely. We believe these arrangements support our current needs. We maintain a mailing address at 221 Crescent St., Building 23, Suite 105, Waltham, MA. As we expand, we believe that suitable additional alternative spaces will be available in the future on commercially reasonable terms, if required.

Legal Proceedings

From time to time, we may become involved in legal proceedings relating to claims arising from the ordinary course of business. Our management believes that there are currently no claims or actions pending against us, the ultimate disposition of which could have a material adverse effect on our results of operations, financial condition or cash flows.

MANAGEMENT

Directors

Our board of directors currently consists of seven directors and is divided into three classes. Each class serves for three years, with the terms of office of the respective classes expiring in successive years. Directors in Class I will stand for election at our Annual Meeting expected to be held in June 2026. The terms of office of directors in Class II and Class III do not expire until the annual meetings of stockholders held in 2024 and 2025, respectively. Peter Harwin and Tomas Kiselak were designated by entities affiliated with Fairmount.

Our current directors, and their ages, occupations and length of board service as of September 30, 2023, are provided in the table below. Additional biographical descriptions of each director are set forth in the text below the table. These descriptions include the primary individual experience, qualifications, qualities and skills of each of our directors.

<u>Name of Director</u>	<u>Age</u>	<u>Principal Occupation</u>	<u>Director Since</u>
Class I Directors:			
Alison Lawton (1)	61	Director, ProQR Therapeutics N.V; Director, Magenta Therapeutics, Inc; Director X4 Pharmaceuticals Inc.	2020
Hunter C. Smith, M.B.A. (2)	55	Chief Financial Officer and Treasurer of Rhythm Pharmaceuticals, Inc.	2021
Class II Directors:			
Russell J. Cox (3)	60	President and Chief Executive Officer, Epirium Bio, Inc.	2015
Ivana Magovcevic-Liebisch, Ph.D. (2)	56	President and Chief Executive Officer, Vigil Neuroscience, Inc.	2018
Tomas Kiselak (3)	37	Managing Member, Fairmount Funds Management LLC; Director, Dianthus Therapeutics, Inc.; Director, Viridian Therapeutics, Inc.; Director, Apogee Therapeutics, Inc.; and Director, Paragon Therapeutics, Inc.	2023
Class III Directors:			
Peter Harwin (1)(2)	37	Managing Member, Fairmount Funds Management LLC; Director, Cogent Biosciences, Inc.; Director, Viridian Therapeutics, Inc.; Director, Apogee Therapeutics, Inc.; and Director, Paragon Therapeutics, Inc.	2023
Michael Henderson (1)(3)	34	Chief Executive Officer of Apogee Therapeutics, Inc.	2023

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- (1) Member of the nominating and corporate governance committee.
(2) Member of the audit committee.
(3) Member of the compensation committee.

Russell J. Cox. Mr. Cox has served as a director since June 2015 and has served as Chair of our board of directors since January 2019. Mr. Cox has served as President and Chief Executive Officer of Epirium Bio, Inc. since July 2019. Mr. Cox previously served as Chief Executive Officer at Vital Therapies, Inc. from January 2018 to January 2019. Additionally, Mr. Cox served as Executive Vice President and Chief Operating Officer at Jazz Pharmaceuticals plc, a publicly traded biopharmaceutical company, from May 2014 to January 2018, where he also served as Executive Vice President and Chief Commercial Officer from March 2012 to May 2014 and as Senior Vice President, Sales and Marketing from July 2010 until February 2012. Prior to that, Mr. Cox served in

a variety of senior management roles since joining Jazz Pharmaceuticals, Inc. (the predecessor to Jazz Pharmaceuticals plc) in July 2010. From January 2009 to January 2010, he served as Senior Vice President and Chief Commercial Officer of Ipsen Group, a publicly traded pharmaceutical company, and from 2007 until December 2008, he served as Vice President of Marketing at Tercica, Inc. (acquired by Ipsen Group), a biotechnology company. From 2003 to 2007, Mr. Cox was with Scios Inc. (acquired by Johnson and Johnson in 2003), where he also served as Vice President, Marketing. Prior to 2003, Mr. Cox was with Genentech, Inc. for 12 years, where he was a Product Team Leader responsible for the Growth Hormone franchise and led numerous product launches as a Group Product Manager. Mr. Cox currently serves on the boards of directors of Epirium Bio, Inc. and Gossamer Bio, Inc. Mr. Cox received a B.S. in Biomedical Science from Texas A&M University.

We believe Mr. Cox is qualified to serve on our board of directors due to his commercial and operating experience in the biopharmaceutical industry.

Ivana Magovcevic-Liebisch, Ph.D. Dr. Magovcevic-Liebisch has served as a director since March 2018 and has served as President and Chief Executive Officer of Vigil Neuroscience since July 2020. Dr. Magovcevic-Liebisch previously served as Executive Vice President, Chief Business Officer for Ipsen from March 2018 to March 2020. From May 2017 through March 2018, Dr. Magovcevic-Liebisch served as Executive Vice President, Chief Strategy and Corporate Development Officer for Axcella Health Inc. From April 2013 through May 2017, Dr. Magovcevic-Liebisch served as Senior Vice President, Head of Global Business Development for Teva Pharmaceutical Industries Ltd. Prior to joining Teva, Dr. Magovcevic-Liebisch held several senior positions within Dyax Corp. from April 2001 through March 2013, most recently serving as Executive Vice President and Chief Operating Officer. Dr. Magovcevic-Liebisch served on the board of directors of several private and public companies. Dr. Magovcevic-Liebisch received her J.D. from Suffolk University Law School and her Ph.D. in genetics from Harvard University.

We believe that Dr. Magovcevic-Liebisch is qualified to serve on our board of directors due to her extensive experience in biopharmaceutical business development and operations.

Alison Lawton. Ms. Lawton has served as a director since December 2020. Ms. Lawton served as a special advisor at Kaleido Biosciences, Inc. from June 2020 to December 2020. Ms. Lawton previously served as President and Chief Executive Officer of Kaleido Biosciences, Inc. from August 2018 to June 2020, and served as President and Chief Operating Officer from December 2017 to August 2018. Prior to joining Kaleido Biosciences, Inc., Ms. Lawton served as Chief Operating Officer at Aura Biosciences, Inc., an oncology therapeutics company, from January 2015 until December 2017, and, prior to joining Aura, served as a consultant to Aura from March 2014 to December 2014. From January 2013 to January 2014, Ms. Lawton served as Chief Operating Officer at OvaScience Inc., a life sciences company. From 2014 to 2017, Ms. Lawton served as a biotech consultant for various companies, including as Chief Operating Officer consultant at X4 Pharmaceuticals Inc. Prior to that, Ms. Lawton spent more than 20 years in various positions of increasing responsibility including Senior VP and General Manager of Biosurgery and prior to that, Senior VP of Market Access at Genzyme Corporation, a global biopharmaceutical company, and subsequently at Sanofi S.A., also a global biopharmaceutical company, following the acquisition of Genzyme by Sanofi in 2011. Additionally, Ms. Lawton previously served two terms as the industry representative on the U.S. Food & Drug Administration's Cell & Gene Therapy Advisory Committee and as Chair of the Board of the Regulatory Affairs Professional Society. Ms. Lawton currently serves on the boards of directors of ProQR Therapeutics N.V., Magenta Therapeutics, Inc., X4 Pharmaceuticals and three other private companies. Ms. Lawton previously served on the boards of directors of Kaleido Biosciences, Verastem, Inc., CoLucid Pharmaceuticals, Inc., Cubist Pharmaceuticals, Inc. Ms. Lawton received a B.Sc. in pharmacology from Kings College, University of London.

We believe that Ms. Lawton is qualified to serve on our board of directors due to her extensive commercial and operating experience in the biopharmaceutical industry.

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Hunter C. Smith, M.B.A. Mr. Smith has served as a director since November 2021. Mr. Smith has served as Chief Financial Officer of Rhythm Pharmaceuticals, Inc. since July 2017 and Treasurer since August 2017. He has more than 25 years of global finance and management experience across multiple industries and financial disciplines, including expertise in business analysis and planning, mergers and acquisitions, capital raising and investor relations. Previously, he was Vice President, Finance and Chief Financial Officer of the Inflammation and Immunology Business Unit at Celgene Corporation from 2013 to July 2017. Before joining Celgene, Mr. Smith worked in roles of increasing responsibility at Bunge Limited from 1999 to 2013, including Director of Investor Relations, Chief Financial Officer-Asia, Corporate Treasurer, and Chief Financial Officer of Bunge's Sugar and Bioenergy Segment. Mr. Smith served previously as an independent director of Genessee & Wyoming Inc. and was a member of its compensation and nominating and governance committees. Mr. Smith holds an MBA in Finance from New York University's Stern School of Business and a B.A. in History, with honors, from Northwestern University.

We believe Mr. Smith is qualified to serve on our board of directors because of his business and leadership experience in the life sciences industry.

Peter Harwin. Peter Harwin has served as a director since June 2023. Mr. Harwin is a Managing Member at Fairmount Funds Management LLC, a healthcare investment firm he co-founded in April 2016. Prior to Fairmount, Mr. Harwin was a member of the investment team at Boxer Capital, LLC, an investment fund that was part of the Tavistock Group, based in San Diego. Mr. Harwin also serves as chairman of the board of directors of Cogent Biosciences, Inc. (Nasdaq: COGT) and is a director of Viridian Therapeutics, Inc. (Nasdaq: VRDN), Apogee Therapeutics, Inc. (Nasdaq: APGE) and Paragon Therapeutics, Inc. Mr. Harwin holds a B.B.A. from Emory University.

We believe Mr. Harwin is qualified to serve on our board of directors because of his experience serving as a director of biotechnology companies and as a manager of funds specializing in the area of life sciences.

Tomas Kiselak. Tomas Kiselak has served as a director since June 2023. Mr. Kiselak is a Managing Member at Fairmount Funds Management LLC, a healthcare investment firm he co-founded in April 2016. Prior to Fairmount, Mr. Kiselak was a managing director at RA Capital Management, LLC, a healthcare and life science investment firm. Mr. Kiselak currently serves as the chairman of the board of directors of Viridian Therapeutics, Inc. (Nasdaq: VRDN) and as a director for Apogee Therapeutics, Inc. (Nasdaq: APGE), Dianthus Therapeutics, Inc. (Nasdaq: DNTH) as well as several private companies. He received a B.S. in neuroscience and economics from Amherst College.

We believe Mr. Kiselak is qualified to serve on our board of directors because of his experience advising biotechnology companies and as a manager of funds specializing in the area of life sciences.

Michael Henderson, M.D. Michael Henderson, M.D. has served as a director since June 2023. Dr. Henderson is Chief Executive Officer of Apogee Therapeutics, Inc. (Nasdaq: APGE), a biotechnology company, since September 2022 as well as a member of its board of directors since June 2023. Dr. Henderson is an experienced biotechnology executive with expertise in business leadership, drug development, and commercial strategy. He has overseen the creation of multiple companies, launched a significant number of drug development programs, and led teams to two FDA approvals, to date. Prior to joining Apogee, Dr. Henderson served as Chief Business Officer of BridgeBio Pharma, Inc. (Nasdaq: BBIO), a commercial-stage biopharmaceutical company, from January 2020 to September 2022, where he was responsible for furthering the overarching strategy of BridgeBio, identifying and investing in new technologies and running business development and operations. Prior to holding that position, he spent two years serving as BridgeBio's Senior Vice President, Asset Acquisition, Strategy and Operations, where he was responsible for business development, strategy and operations. Dr. Henderson joined BridgeBio as Vice President of Asset Acquisition, Strategy and Operations in April 2016. Dr. Henderson also served as the Chief Executive Officer of a number of BridgeBio's subsidiaries. Prior to BridgeBio, Dr. Henderson worked at McKinsey & Company, a global management consulting firm, from January 2015 to

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April 2016 and prior to that, he co-founded PellePharm, Inc., a biotechnology company, in August 2011. Dr. Henderson has served on the board of directors of ARYA Sciences Acquisition Corp IV (Nasdaq: ARYD), a special purpose acquisition company focused on the healthcare industry, since February 2021. Dr. Henderson received his B.A. in global health from Harvard University and his M.D. from Stanford University.

We believe Dr. Henderson is qualified to serve on our board of directors because of his experience in business leadership, drug development, and commercial strategy in the area of life sciences.

Director Independence

Our board of directors determines the independence of our directors by applying the applicable rules, regulations and listing standards of Nasdaq. These provide that a director is independent only if the board affirmatively determines that the director does not have a relationship with the company which, in the opinion of the board of directors, would interfere with the exercise of his or her independent judgment in carrying out the responsibilities of a director. They also specify various relationships that preclude a determination of director independence. Such relationships may include employment, commercial, accounting, family and other business, professional and personal relationships.

Applying these standards, the board reviews the independence of our directors, taking into account all relevant facts and circumstances. After considering the foregoing factors, our board of directors has determined that the following members of our board are currently independent as determined under applicable rules, regulations and listing standards of Nasdaq: Mr. Russell Cox, Dr. Ivana Magovcevic-Liebisch, Ms. Alison Lawton, Mr. Hunter Smith, Mr. Peter Harwin, Mr. Tomas Kiselak and Dr. Michael Henderson.

All members of our audit committee, compensation committee and nominating and corporate governance committee must be independent directors under the applicable rules, regulations and listing standards of Nasdaq. Members of the audit committee also must satisfy the independence criteria set forth in Rule 10A-3 under the Exchange Act. Members of the compensation committee also must satisfy the independence criteria set forth in Rule 10C under the Exchange Act, and related Nasdaq listing standards with respect to their affiliation with Aeglea and any consulting, advisory or other fees they may have received from Aeglea. Our board of directors has determined that all members of our audit committee, compensation committee and nominating and corporate governance committee are independent and satisfy the relevant SEC, Exchange Act and Nasdaq independence requirements for such committees.

Executive Officers

The names of our current executive officers, their ages as of September 30, 2023, and their positions are shown below.

<u>Name</u>	<u>Age</u>	<u>Position</u>
Cameron Turtle, DPhil	33	Chief Operating Officer
Scott Burrows	46	Chief Financial Officer
Heidy King-Jones	41	Chief Legal Officer and Corporate Secretary

Our board of directors chooses executive officers, who then serve at the board's discretion.

Cameron Turtle, DPhil. Dr. Turtle joined as our Chief Operating Officer in June 2023. Dr. Turtle is an experienced leader in building, financing, and shaping biopharma organizations from preclinical development to late-stage clinical trials and commercialization. Prior to joining Aeglea, Dr. Turtle was an advisor to Spyre Therapeutics, Inc. from May 2023 to June 2023. Previously, he served as Venture Partner at Foresite Labs, a life sciences investment firm, from July 2022 to May 2023; Chief Strategy Officer of BridgeBio Pharma (NASDAQ: BBIO), a biotechnology company, from January 2021 to April 2022; and Chief Business Officer of Eidos Therapeutics (NASDAQ: EIDX), a biopharmaceutical company, from November 2018 to January 2021, where

he led business development, investor relations, and multiple operational functions as the company advanced an investigational medicine for a form of heart failure. Prior to joining Eidos and BridgeBio, he was a consultant at McKinsey & Company, where he worked with pharmaceutical and medical device companies on topics including M&A, growth strategy, clinical trial strategy, and sales force optimization. Dr. Turtle received his B.S. with honors in Bioengineering from the University of Washington and his D.Phil. in Cardiovascular Medicine from the University of Oxford, St. John's College. He is the recipient of several awards, including a Rhodes Scholarship, Goldwater Scholarship, Forbes 30 Under 30, San Francisco Business Times 40 Under 40, and the Biocom Life Sciences Catalyst Award.

Scott Burrows. Mr. Burrows joined as our Chief Financial Officer in September 2023. Prior to becoming Chief Financial Officer, Mr. Burrows most recently served as the Chief Financial Officer of Arcutis Biotherapeutics, Inc. ("Arcutis") (Nasdaq: ARQT) where he helped lead Arcutis through a successful initial public offering, several further equity and debt financings, and the transition to a fully integrated commercial-stage company. Prior to Arcutis, Mr. Burrows was the head of international investor relations for Shire, plc based in Switzerland. Earlier in his career, he spent 15 years at Amgen, Inc. in roles of increasing responsibility across financial planning and analysis, treasury and investor relations. Mr. Burrows began his career at Arthur Andersen as a consultant after earning his B.A. and M.B.A. from the University of California, Los Angeles, and is a licensed C.P.A. (inactive).

Heidy King-Jones. Ms. King-Jones joined as our Chief Legal Officer and Corporate Secretary in September 2023. Ms. King-Jones most recently served as the Chief Legal Officer and Corporate Secretary at Provention Bio, Inc. through various financings, the approval of Tziield®, the companies successful transition from clinical-stage to commercial-stage as well as its acquisition by Sanofi in April 2023. Prior to her leadership role at Provention Bio, she was a Senior Vice President, General Counsel and Corporate Secretary at Axcella Health Inc. where she was responsible for Axcella's corporate legal function and strategy. From 2013 to 2018, she held positions of increasing responsibility in the legal department at Sarepta Therapeutics, Inc., including overseeing all Corporate Law matters as Senior Director, Corporate Law. While at Sarepta, she served as a member of the company's commercial readiness working group and was responsible for the development of the compliance program, contract and other legal work for the launch of its first product, Exondys 51®. Ms. King-Jones began her legal career in the Securities & Public Companies Practice Group at Ropes & Gray LLP, where she represented private and publicly traded companies in the pharmaceutical, utility and technology industries. She holds a J.D. and LL.M in International and Comparative Law from Cornell Law School, and a B.A. from Dartmouth College.

Family Relationships

There are no family relationships among our directors and executive officers.

EXECUTIVE COMPENSATION

All of the information contained in the sections below generally relates to compensation for our fiscal year 2022 and was included in our proxy statement for the 2023 annual meeting of stockholders (the “2023 Annual Proxy”) filed with the SEC on April 17, 2023. Such information has not been adjusted to reflect the effects of the Reverse Split. Since the date of the 2023 Annual Proxy, there have been several changes to senior management, including the following:

- Jeffrey Goldberg’s termination as President and Chief Executive Officer, effective May 16, 2023;
- Jim Kastenmayer’s termination as General Counsel and Corporate Secretary, effective May 16, 2023;
- Jonathan Alspaugh’s termination as President and Chief Financial Officer, effective August 31, 2023;
- Cameron Turtle’s appointment as Chief Operating Officer, effective June 22, 2023;
- Scott Burrows’ appointment as Chief Financial Officer, effective September 1, 2023; and
- Heidy King-Jones’ appointment as Chief Legal Officer and Corporate Secretary, effective September 1, 2023.

Overview

This section provides an overview of the material components of our executive compensation program for our Chief Executive Officer, including anyone who served as Chief Executive Officer during any part of fiscal year 2022, and each of our two other most highly compensated executive officers (our “Named Executive Officers”) during fiscal year 2022. The compensation provided to our Named Executive Officers for fiscal year 2022 is set forth in detail in the Summary Compensation Table and other tables that follow in this section, as well as the accompanying footnotes and narratives relating to those tables.

Our Named Executive Officers for fiscal year 2022 were:

- Jeffrey M. Goldberg, our Former President and Chief Executive Officer;
- Jim Kastenmayer, our Former General Counsel, Corporate Secretary and Interim Chief Executive Officer;
- Anthony G. Quinn, M.B Ch.B, Ph.D., our Former President and Chief Executive Officer;
- Jonathan Alspaugh, our Former Chief Financial Officer; and
- Leslie Sloan, Ph.D., our Former Chief Operating Officer.

Summary Compensation Table

The following table provides information regarding all plan and non-plan compensation awarded to, earned by or paid to each of our Named Executive Officers for the fiscal years ended December 31, 2022 and 2021.

<u>Name and Principal Position</u>	<u>Year</u>	<u>Salary (\$)</u>	<u>Nonequity Incentive Plan Compensation (\$ (1))</u>	<u>Option Awards (\$ (2))</u>	<u>All Other Compensation (\$)</u>	<u>Total (\$)</u>
Jeffrey M. Goldberg (4) <i>Former President and Chief Executive Officer</i>	2022	54,616	—	1,774,952	2,917 (3)	1,832,485
Jim Kastenmayer (4)(6) <i>Former General Counsel, Corporate Secretary and Interim Chief Executive Officer</i>	2022	443,943	155,694	253,948	12,200 (3)	865,785
Anthony G. Quinn, M.B Ch.B, Ph.D. (4) <i>Former President and Chief Executive Officer</i>	2022	424,429	—	779,625	1,188,200 (3)(5)	2,392,254
	2021	560,000	332,000	1,701,525	29,661	2,623,186
Jonathan Alspaugh (7) <i>Former Chief Financial Officer</i>	2022	425,001	130,560	443,285	12,994 (3)	1,011,840
Leslie Sloan, Ph.D. (8) <i>Former Chief Operating Officer</i>	2022	435,000	174,000	465,560	13,323 (3)	1,087,882
	2021	410,000	200,000	822,496	16,940	1,449,436

- (1) Cash bonuses earned in 2022 and paid in 2023, based in part on achievement of specified milestones and performance objectives.
- (2) The amounts reported in this column represent the aggregate grant date fair value of the awards granted to our Named Executive Officers during the year ended December 31, 2022, as computed in accordance with Accounting Standards Codification Topic 718 ("ASC 718"). The assumptions used in calculating the grant date fair value of the awards reported in the Option Awards column are set forth in Note 10 to our 2022 Annual Financials included elsewhere in this prospectus. Note that the amounts reported in this column reflect the aggregate accounting cost for these awards, and do not necessarily correspond to the actual economic value that may be received by the Named Executive Officers from the awards. As of the date of grant, the achievement of the performance goals applicable to the performance-based options granted to Dr. Quinn during the year ended December 31, 2022 was not deemed to be probable, and therefore, the grant date fair value ascribed to such options in accordance with ASC 718, and reported in this column, is \$0. The maximum grant date fair value of such performance-based options, assuming full achievement of the performance conditions to which such options are subject, is \$78,066.61.
- (3) For Mr. Goldberg, represents housing allowance. For each of our other Named Executive Officers, primarily represents matching 401(k) or other retirement plan contributions paid by us on their behalf in the amount of \$12,200.
- (4) On August 23, 2022, Dr. Quinn transitioned from our President and Chief Executive Officer to a non-employee consultant of Aeglea until September 1, 2023. Our board of directors appointed Mr. Kastenmayer, who served as our General Counsel and Corporate Secretary, to serve as our interim Chief Executive Officer from August 23, 2022 until the appointment of Mr. Goldberg as our President and Chief Executive Officer on November 29, 2022. Mr. Goldberg's employment with us terminated on May 16, 2023. Under SEC rules, as each of Dr. Quinn, Mr. Kastenmayer and Mr. Goldberg served as Aeglea's principal executive officer during a portion of 2022, each is considered to be a Named Executive Officer for 2022.
- (5) Includes severance payment of \$1,176,000 in connection with Dr. Quinn's termination of employment.

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- (6) Because Mr. Kastenmayer was not a Named Executive Officer in 2021, SEC rules do not require his compensation for that year to be reported. Mr. Kastenmayer's employment with us terminated on May 16, 2023.
- (7) Because Mr. Alspaugh was not a Named Executive officer in 2021, SEC rules do not require his compensation for that year to be reported. Mr. Alspaugh's employment with us terminated on August 31, 2023.
- (8) Dr. Sloan's employment with us terminated on January 5, 2023.

Outstanding Equity Awards at December 31, 2022

The following table presents, for our Named Executive Officers, information regarding outstanding equity awards held as of December 31, 2022.

Name	Grant date	Option Awards				Option exercise price (\$)	Option expiration date	Stock Awards		
		Number of securities underlying unexercised options (#) exercisable	Number of securities underlying unexercised options (#) unexercisable	Equity Incentive Plan Awards: Number of securities underlying unexercised unearned options (#)				Grant date	Equity Incentive Plan Awards: Number of unearned shares, units or other rights that have not vested (#)	Equity Incentive Plan Awards: Market or payout value of unearned shares, units or other rights that have not vested (\$) (2)
Jeffrey M. Goldberg	11/28/2022 (1)	—	1,884,838 (5)			1.27	11/27/2032			
Jim Kastenmayer	7/6/2021 (1)	46,041	83,959 (5)			7.03	7/5/2031			
	2/17/2022 (1)	17,708	67,292 (3)			3.17	2/16/2032			
	8/23/2022 (1)	10,833	119,167 (3)			0.68	8/22/2032			
Anthony G. Quinn, M.B Ch.B, Ph.D.	2/20/2018 (1)	119,914	— (3)			6.31	2/19/2028			
	7/18/2018 (1)	160,000	— (3)			9.36	7/17/2028			
	10/8/2018 (1)	140,000	— (3)			9.36	7/18/2028			
	2/28/2019 (1)	268,333	11,667 (3)			8.36	2/27/2029			
	2/14/2020 (1)	213,208	87,792 (3)			8.15	2/13/2030			
	7/15/2020 (1)	—		55,000 (4)		8.13	7/15/2030			
	2/17/2021 (1)	151,250	178,750 (3)			7.35	2/16/2031			
	2/17/2022 (1)	72,916	277,084 (3)			3.17	2/16/2032			
	4/18/2022 (1)	—		40,000 (4)		1.90	4/18/2032	7/15/2020	55,000 (6)	24,750
Jonathan Alspaugh	7/6/2021 (1)	56,666	103,334 (5)			7.03	7/5/2031			
	2/17/2022 (1)	35,416	134,584 (3)			3.17	2/16/2032			
	8/23/2022 (1)	10,833	119,167 (3)			0.68	8/22/2032			
Leslie Sloan, Ph.D.	10/10/2017 (1)	55,000	— (5)			5.98	10/9/2027			
	2/20/2018 (1)	80,000	— (3)			6.31	2/19/2028			
	2/28/2019 (1)	69,000	3,000(3)			8.36	2/27/2029			
	3/6/2019 (1)	33,750	2,250(3)			8.06	3/5/2029			
	2/14/2020 (1)	70,833	29,167(3)			8.15	2/13/2030			
	7/15/2020 (1)	—		20,000 (4)		8.13	7/15/2030			
	2/17/2021 (1)	73,333	86,667(3)			7.35	2/16/2031			
	2/17/2022 (1)	37,500	142,500 (3)			3.17	2/16/2032			
	8/23/2022 (1)	10,833	119,167 (3)			0.68	8/22/2032	7/15/2020	20,000 (6)	9,000

(1) Equity award was granted under our 2016 Plan. For Mr. Goldberg, equity award was granted as an inducement award.

(2) The market value was determined by multiplying the number of shares by \$0.45, the closing price of our Common Stock as reported on the Nasdaq Global Market on December 30, 2022, the last trading day of the year.

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- (3) 1/48th of the options vests on each monthly anniversary of the applicable vesting commencement date, subject to the executive's continued service.
- (4) The options vest and become exercisable contingent upon achievement of certain product development, regulatory, or stock price milestones, which have not been met as of December 31, 2022.
- (5) 1/4th of the options vest on the one year anniversary of the applicable vesting commencement date and an additional 1/48th vests monthly thereafter, subject to the executive's continued service.
- (6) The restricted stock units vest contingent upon achievement of certain product development or regulatory milestones, which have not been met as of December 31, 2022.

Narrative to Summary Compensation Table

Our compensation committee has historically determined our executive compensation and determines the compensation of our Named Executive Officers. Our compensation committee typically reviews and discusses management's proposed compensation with the Chief Executive Officer for all executives other than the Chief Executive Officer. Based on those discussions and its discretion, our compensation committee then approves the compensation of each executive officer after discussions without members of management present. We generally do not provide perquisites or personal benefits, except in situations where we believe it is appropriate to assist an individual in the performance of his or her duties, to make our executive officers more efficient and effective, and for recruitment and retention purposes. See "*– Employment Arrangements with Our Named Executive Officers*" below for additional information.

Welfare and Health Benefits

Our Named Executive Officers are eligible to participate in all of our benefit plans, such as the 401(k) plan (see description under "*– Retirement Benefits*" below), medical, dental, vision, short-term disability, long-term disability and group life insurance, in each case generally on the same basis as other employees. We do not currently have qualified or nonqualified defined benefit plans or nonqualified deferred compensation plans, nor do we offer pension or other retirement benefits other than our 401(k) plan. Our board of directors may elect to adopt such plans in the future if it determines that doing so is in our best interests.

Retirement Benefits

We maintain a tax-qualified retirement plan that provides eligible U.S. employees, including our Named Executive Officers, with an opportunity to save for retirement on a tax-advantaged basis. Eligible employees may make voluntary contributions from their eligible pay, up to certain applicable annual limits set by the Code. The 401(k) plan is intended to be qualified under Section 401(a) of the Code with the 401(k) plan's related trust intended to be tax exempt under Section 501(a) of the Code. We match our employee contributions in an amount equal to 100% of the first 3% of eligible compensation, and 50% of the next 2% of eligible compensation. All such employee contributions and matching contributions are immediately and fully vested.

Employment Arrangements with Our Named Executive Officers

Jeffrey M. Goldberg

Pursuant to an offer letter dated November 28, 2022, Mr. Goldberg served as our President and Chief Executive Officer until May 16, 2023. Mr. Goldberg's offer letter set forth the principal terms and conditions of his employment, including his initial annual base salary of \$600,000, an annual target bonus opportunity of 50% of his base salary (which bonus is earned based on our achievement of specified milestones and performance objectives, as well as Mr. Goldberg's performance relative to one or more performance objectives established by our board of directors, the achievement of which is evaluated by our board of directors) and an annual housing allowance of \$35,000. Mr. Goldberg's offer letter provides for an option grant for the purchase of 1,884,838 shares of our Common Stock, which vests over a 48-month period with 25% of the options vesting on the one-year anniversary of his employment as Chief Executive Officer and the remainder vesting in equal monthly installments thereafter, subject to Mr. Goldberg's continued service to us on each monthly vesting date. Pursuant

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to the terms of his severance agreement, Mr. Goldberg received the severance benefits described in “*Termination or Change in Control Arrangements with Our Named Executive Officers*” below.

Jim Kastenmayer

Pursuant to an offer letter dated June 8, 2021, Mr. Kastenmayer served as our General Counsel and Corporate Secretary until May 16, 2023, and from August 2022 to November 2022, served as our Interim Chief Executive Officer. Mr. Kastenmayer’s offer letter set forth the principal terms and conditions of his employment, including his initial annual base salary of \$365,000 and an annual target bonus opportunity of 40% of his base salary (which bonus is earned based on our achievement of specified financial performance objectives, as well as Mr. Kastenmayer’s performance relative to one or more performance objectives established by our board of directors, the achievement of which is evaluated by our board of directors). Mr. Kastenmayer’s offer letter provides for an option grant for the purchase of 130,000 shares of our Common Stock, which vests over a 48-month period with 25% of the options vesting on the one-year anniversary of his employment as General Counsel and Corporate Secretary and the remainder vesting in equal monthly installments thereafter, subject to Mr. Kastenmayer’s continued service to us on each monthly vesting date. In connection with Mr. Kastenmayer’s appointment as Interim Chief Executive Officer, in August 2022, our board of directors approved certain adjustments to Mr. Kastenmayer’s compensation terms for such position, which included an increase in base salary to \$588,000 and an increase in target bonus amount to 50%. The adjustments to Mr. Kastenmayer’s compensation in relation to his appointment as Interim Chief Executive Officer was prorated for time served. Pursuant to the terms of his severance agreement, Mr. Kastenmayer received the severance benefits described in “*Termination or Change in Control Arrangements with Our Named Executive Officers*” below.

Anthony G. Quinn, M.B Ch.B, Ph.D.

Pursuant to an offer letter dated July 18, 2018, Dr. Quinn served as our President and Chief Executive Officer until August 24, 2022. Dr. Quinn’s offer letter set forth the principal terms and conditions of his employment, including his initial annual base salary of \$507,000, an annual target bonus opportunity of 50% of his base salary (which bonus is earned based on our achievement of specified milestones and performance objectives, as well as Dr. Quinn’s performance relative to one or more performance objectives established by our board of directors, the achievement of which is evaluated by our board of directors). Dr. Quinn’s offer letter provides for (i) an option grant for the purchase of 300,000 shares of our Common Stock, which vests over a 48-month period subject to Dr. Quinn’s continued service to us on each monthly vesting date, and (ii) three options to purchase an aggregate of 200,000 shares of our Common Stock, which will vest based on the achievement of certain performance objectives set by our board of directors. Pursuant to the terms of his severance agreement, Dr. Quinn received the severance benefits described in “*Termination or Change in Control Arrangements with Our Named Executive Officers*” below.

Jonathan Alspaugh

Pursuant to an offer letter dated June 14, 2021, Mr. Alspaugh served as our Chief Financial Officer until August 31, 2023. Mr. Alspaugh’s offer letter set forth the principal terms and conditions of his employment as Chief Financial Officer, including his annual base salary and an annual target bonus opportunity (which bonus is earned based on our achievement of specified milestones and performance objectives, as well as Mr. Alspaugh’s performance relative to one or more performance objectives established by our board of directors, the achievement of which is evaluated by our board of directors). Mr. Alspaugh’s base salary and annual bonus are set forth in the “Summary Compensation Table” above. Mr. Alspaugh’s offer letter also provides for an additional option grant for the purchase of 160,000 shares of Common Stock, which vests over a 48-month period subject to Mr. Alspaugh’s continued service to us on each monthly vesting date. Mr. Alspaugh is entitled to severance benefits described in “*Termination or Change in Control Arrangements with Our Named Executive Officers*” below.

Leslie Sloan, Ph.D.

Pursuant to an offer letter dated March 13, 2020, Dr. Sloan served as our Chief Operating Officer until January 2023. Dr. Sloan's offer letter set forth the principal terms and conditions of her employment as Chief Operating Officer, including her annual base salary of \$355,000 and an annual target bonus opportunity of 40% of her base salary (which bonus is earned based on our achievement of specified milestones and performance objectives, as well as Dr. Sloan's performance relative to one or more performance objectives established by our board of directors, the achievement of which is evaluated by our board of directors). Dr. Sloan's offer letter also provided for an additional option grant for the purchase of 108,000 shares of Common Stock, which vests over a 48-month period subject to Dr. Sloan's continued service to us on each monthly vesting date. Pursuant to the terms of her severance agreement, Dr. Sloan received the severance benefits described in *"Termination or Change in Control Arrangements with Our Named Executive Officers"* below.

Termination or Change in Control Arrangements with Our Named Executive Officers*Jeffrey M. Goldberg*

Effective May 16, 2023, Mr. Goldberg was terminated from his position as President and Chief Executive Officer. Pursuant to his severance agreement, entered into as of November 29, 2022, Mr. Goldberg received the following benefits: (i) a severance payment equal to 12 months of his annual salary; (ii) a lump sum bonus payment equal to his annual target bonus; (iii) payment of COBRA premiums to maintain group healthcare coverage for 12 months; and (iv) acceleration of vesting of Mr. Goldberg's outstanding option awards with respect to the number of shares that would have vested if Mr. Goldberg had remained in service through an additional 12 months beyond the date of his termination. In addition, in recognition of his service to the Company during our previously announced process of pursuing strategic alternatives, our board of directors approved an additional severance payment to Mr. Goldberg of \$50,000.

Jim Kastenmayer

Effective May 16, 2023, Mr. Kastenmayer was terminated from his position as General Counsel. Pursuant to his severance agreement, entered into as of July 6, 2021, Mr. Kastenmayer received the following benefits: (i) a severance payment equal to 12 months of his annual salary; (ii) a lump sum bonus payment equal to his annual target bonus; (iii) payment of COBRA premiums to maintain group healthcare coverage for 12 months; and (iv) acceleration of vesting of Mr. Kastenmayer's outstanding option awards with respect to the number of shares that would have vested if Mr. Kastenmayer had remained in service through an additional 12 months beyond the date of his termination. In addition, in recognition of his service to the Company during our previously announced process of pursuing strategic alternatives, our board of directors approved an additional severance payment to Mr. Kastenmayer of \$34,167.

Anthony G. Quinn, M.B Ch.B, Ph.D.

On August 24, 2022, we entered into a certain transition and separation agreement with Dr. Quinn in connection with his departure as our President and Chief Executive Officer (the "Transition Agreement"). We also entered into a consulting agreement (the "Consulting Agreement") with Dr. Quinn, pursuant to which Dr. Quinn agreed to serve as a non-employee consultant to us until September 1, 2023 (such transition term end date, the "Consultancy End Date"). Subject to Dr. Quinn's execution of a general release of claims, the terms of the Transition Agreement and the terms of the Consulting Agreement, Dr. Quinn will be entitled to receive the following benefits: (i) a severance payment of \$882,000, equal to 18 months of his annual salary; (ii) a lump sum bonus payment of \$294,000; and (iii) the amount of COBRA premiums he would be required to pay to maintain group healthcare coverage as in effect on September 1, 2022 for 18 months. In exchange for providing consulting services to us through the Consultancy End Date, Dr. Quinn also will be entitled to receive the following benefits: (x) continued vesting in his outstanding option awards with respect to the number of shares

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that would have vested if Dr. Quinn had remained in service through the Consultancy End Date; and (y) acceleration of vesting of Dr. Quinn's outstanding option awards with respect to the number of shares that would have vested if Dr. Quinn had remained in service through an additional 12 months beyond the Consultancy End Date.

Jonathan Alspaugh

Effective August 31, 2023, Mr. Alspaugh was terminated from his position as Chief Financial Officer. Pursuant to his separation and consulting agreement and general release of claims (the "Separation Agreement"), Mr. Alspaugh is entitled to receive the following benefits as consideration for his general release of claims in favor of us: (i) aggregate severance payments of \$623,000 payable in installments over 12 months; (ii) fully subsidized COBRA coverage for up to 12 months; (iii) a lump sum bonus payment of \$168,247; (iv) accelerated vesting of all stock options that were scheduled to vest during the 12-month period following the last day on which Mr. Alspaugh provides consulting services to us; (v) extension of the post-termination exercise period of outstanding stock options to six months; and (vi) potential transaction bonuses in the event we consummate any sale, licensing, disposition or monetization transaction relating to pegtarviliase or any of our legacy development-stage assets prior to June 23, 2024. The Separation Agreement provides that Mr. Alspaugh will provide consulting services to us through February 29, 2024 (which consulting period may be extended by mutual agreement of the parties or may be earlier terminated by Mr. Alspaugh, by us for cause or as a result of Mr. Alspaugh's death or disability). During the consulting period, Mr. Alspaugh will receive a consulting fee of \$500 per hour and will continue to vest in any outstanding stock options.

Leslie Sloan, Ph.D.

On January 5, 2023, Dr. Sloan resigned from her position as Chief Operating Officer. Pursuant to her severance agreement, entered into as of August 7, 2019, Dr. Sloan received the following benefits: (i) a severance payment of \$435,000, equal to 12 months of her annual salary; (ii) a lump sum bonus payment of \$174,000; (iii) payment of COBRA premiums to maintain group healthcare coverage for 12 months; and (iv) acceleration of vesting of Dr. Sloan's outstanding option awards with respect to the number of shares that would have vested if Dr. Sloan had remained in service through an additional 12 months beyond the date of her termination.

Director Compensation

The following table provides information for the fiscal year ended December 31, 2022 regarding all compensation awarded to, earned by or paid to each person who served as a non-employee director for some portion of 2022. Mr. Goldberg, our former President and Chief Executive Officer, received compensation solely as an employee of Aeglea in 2022.

<u>Name</u>	Fees Earned or Paid in Cash (\$)	Option Awards (\$)(1)	Total (\$)
Alison Lawton	50,000	21,268	71,268
Armen Shanafelt, Ph.D. (2)	45,000	21,268	66,268
Hunter C. Smith	58,167	21,268	79,435
Ivana Magovcevic-Liebisich, Ph.D.	57,500	21,268	78,768
Marcio Souza (2)	51,847	21,268	73,115
Russell J. Cox	90,000	21,268	111,268
V. Bryan Lawlis, Ph.D. (2)	50,000	21,268	71,268
Sandesh Mahatme (3)	24,556	21,268	45,824
Sarah Brownstein (4)	4,875	—	4,875

- (1) The amounts reported in this column represent the aggregate grant date fair value of the awards granted to our non-employee directors during the year ended December 31, 2022, as computed in accordance with ASC 718. The assumptions used in calculating the grant date fair value of the awards reported in the Option Awards column are set forth in Note 10 to our 2022 Annual Financials included elsewhere in this prospectus. Note that the amounts reported in this column reflect the aggregate accounting cost for these awards, and do not necessarily correspond to the actual economic value that may be received by the non-employee directors from the awards. For information regarding the number of stock options and restricted common stock held by each non-employee director as of December 31, 2022, see the table below.
- (2) Dr. Shanafelt, Mr. Souza and Dr. Lawlis each resigned from our board of directors in June 2023.
- (3) Mr. Mahatme resigned from our board of directors in July 2022.
- (4) Ms. Brownstein resigned from our board of directors in February 2022.

As of December 31, 2022, our non-employee directors held the following number of outstanding stock options.

<u>Name</u>	<u>Option Awards (#)</u>
Alison Lawton	130,200
Hunter C. Smith	103,000
Ivana Magovcevic-Liebisch, Ph.D.	160,300
Michael Henderson, M.D.	—
Peter Harwin	—
Russell J. Cox	205,709
Tomas Kiselak	—

Non-Employee Director Compensation Arrangements

Our non-employee directors received the following compensation pursuant to a program adopted by our board of directors:

Cash Compensation. The program provides an annual cash retainer of \$40,000 to each of our non-employee directors and an additional \$35,000 to the chair of the board. The chair of our audit committee, compensation committee and nominating and corporate governance committee receives annual retainers of \$20,000, \$15,000 and \$10,000, respectively. Each non-chairperson member of our audit committee, compensation committee and nominating and corporate governance committee receives an annual cash retainer of \$10,000, \$7,500 and \$5,000, respectively. We do not pay fees to directors for attendance at meetings of our board of directors and its committees.

Equity Compensation. Each new, non-employee director who joins our board of directors will receive an initial option grant for the purchase of 65,000 shares of our Common Stock upon election to our board of directors.

On the date of each annual meeting of stockholders, each non-employee director who continues to serve on our board of directors immediately following such meeting will receive an option grant for the purchase of 43,000 shares of our Common Stock, or such other amount as determined by our board of directors.

Equity awards for new directors will vest in equal monthly installments for three years after the grant date if the director has served continuously as a member of our board of directors through the applicable vesting date. Annual equity grants for directors will vest in equal monthly installments for one year after the grant date if the director has served continuously as a member of our board of directors through the applicable vesting date. In addition, equity awards for non-employee directors will vest in full in the event that we are subject to a change in control or upon certain other events.

Non-employee directors receive no other form of remuneration, perquisites or benefits, but are reimbursed for their reasonable travel expenses incurred in attending board and committee meetings.

Pay-Versus-Performance

Our compensation committee approves and administers our executive compensation program to align executive compensation with stockholder interests by linking pay to performance. Our overall compensation program includes a mix of short-term and long-term components through our annual incentive plan and equity awards. During fiscal year 2022, there was a change to our executive management team when our tenured Chief Executive Officer, Dr. Quinn (“PEO 2”) resigned on August 23, 2022 and transitioned to an advisory role. Upon this transition, Mr. Kastenmayer (“PEO 3”) was appointed our interim Chief Executive Officer until Mr. Goldberg (“PEO 1”) was appointed on November 29, 2022. We provide the compensation actually paid during fiscal year 2022 for all three individuals providing service as Chief Executive Officer during fiscal year 2022 in the following tables.

As required by Item 402(v) of Regulation S-K, we are providing the following information about the relationship between the compensation actually paid to our Named Executive Officers and certain aspects of our financial performance. We are a smaller reporting company pursuant to Rule 405 of the Securities Act and, as such, are only required to include information for the past two fiscal years in the table below.

Pay-Versus-Performance Table

Year (a)	Summary Compensation Table Total for PEO 1 (b) (1)	Compensation Actually Paid to PEO 1 (c) (2)(5)	Summary Compensation Table Total for PEO 2 (b) (1)	Compensation Actually Paid to PEO 2 (c) (2)(5)	Summary Compensation Table Total for PEO 3 (b) (1)	Compensation Actually Paid to PEO 3 (c) (2)(5)	Average Summary Compensation Table Total for Non-PEO NEOs (d) (3)	Average Compensation Actually Paid to Non-PEO NEOs (e) (4)(5)	Total Stockholder Return Based on Initial Fixed \$100 Investment (f) (6)	Net Income (in thousands) (g) (7)
2022	\$ 1,832,485	\$ 564,676	\$ 2,392,254	\$ 431,085	\$ 865,785	\$ 318,380	\$ 1,049,862	\$ 202,299	\$ 6	(\$ 83,815)
2021	N/A	N/A	\$ 2,623,186	\$ 361,504	N/A	N/A	\$ 1,365,778	\$ 712,689	\$ 62	(\$ 65,801)

- (1) The dollar amounts reported in column (b) represent the amount of total compensation reported for Mr. Goldberg, Dr. Quinn and Mr. Kastenmayer (collectively, our “PEOs”) for each covered fiscal year in the “Total” column of the Summary Compensation Table for each applicable year. Please refer to “Executive Compensation – Summary Compensation Table” above.
- (2) The dollar amounts reported in column (c) represent the amount of “compensation actually paid” to our PEOs, as computed in accordance with Item 402(v) of Regulation S-K, for each covered fiscal year. The dollar amounts do not reflect the actual amount of compensation earned or received by or paid to the PEOs during the applicable fiscal year.

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- a. The equity award adjustments for each covered fiscal year include the addition (or subtraction, as applicable) of the following: (i) the year-end fair value of all equity awards granted during the covered fiscal year that are outstanding and unvested as of the end of the covered fiscal year; (ii) the amount equal to the change as of the end of the covered fiscal year (from the end of the prior fiscal year) in fair value of any equity awards granted in any prior fiscal year that are outstanding and unvested as of the end of the covered fiscal year; (iii) for equity awards that are granted and vest in same covered fiscal year, the fair value as of the vesting date; (iv) for equity awards granted in any prior fiscal year for which all applicable vesting conditions were satisfied at the end of or during the covered fiscal year, the amount equal to the change as of the vesting date (from the end of the prior fiscal year) in fair value; (v) for equity awards granted in any prior fiscal year that fail to meet the applicable vesting conditions during the covered fiscal year, the amount equal to the fair value at the end of the prior fiscal year; and (vi) the dollar value of any dividends or other earnings paid on stock or option awards in the covered fiscal year prior to the vesting date that are not otherwise included in the total compensation for the covered fiscal year.

		PEO 1		PEO 2		PEO 3	
		2021	2022	2021	2022	2021	2022
Summary Compensation Table – Total Compensation	(a)	N/A	\$ 1,832,485	\$ 2,623,186	\$ 2,392,254	N/A	\$ 865,785
- Grant Date Fair Value of Option Awards Granted in Fiscal Year	(b)	N/A	\$ 1,774,952	\$ 1,701,525	\$ 779,625	N/A	\$ 253,948
+ Fair Value at Fiscal Year-End of Outstanding and Unvested Stock Awards and Option Awards Granted in Fiscal Year	(c)	N/A	\$ 507,143	\$ 706,475	\$ 58,188	N/A	\$ 48,564
+ Change in Fair Value of Outstanding and Unvested Stock Awards and Option Awards Granted in Prior Fiscal Years	(d)	N/A	—	(\$ 1,323,528)	(\$ 794,439)	N/A	(\$ 238,617)
+ Fair Value at Vesting of Stock Awards and Option Awards Granted in Fiscal Year that Vested During Fiscal Year	(e)	N/A	—	\$ 299,983	\$ 36,311	N/A	\$ 13,519
		PEO 1		PEO 2		PEO 3	
		2021	2022	2021	2022	2021	2022
+ Change in Fair Value as of Vesting Date of Stock Awards and Option Awards Granted in Prior Fiscal Years For Which Applicable Vesting Conditions Were Satisfied During Fiscal Year	(f)	N/A	—	(\$ 243,087)	(\$ 481,604)	N/A	(\$ 116,923)
- Fiscal Value as of Prior Fiscal Year-End of Stock Awards and Option Awards Granted in Prior Fiscal Years that Failed to Meet Applicable Vesting Conditions During Fiscal Year	(g)	N/A	—	—	—	N/A	—
= Compensation Actually Paid		N/A	\$ 564,676	\$ 361,504	\$ 431,085	N/A	\$ 318,380

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- (3) The dollar amounts reported in column (d) represent the average of the amounts of total compensation reported for our NEOs as a group (excluding our PEOs) for each covered fiscal year in the “Total” column of the Summary Compensation Table for each applicable year. The names of each NEO (excluding our PEOs) included for purposes of calculating the average amounts of total compensation in each covered fiscal year are as follows:
- For fiscal year 2022, Jonathan Alspaugh (our former Chief Financial Officer) and Leslie Sloan (our former Chief Operating Officer); and
 - For fiscal year 2021, Michael Hanley (our former Chief Business Officer) and Leslie Sloan (our former Chief Operating Officer).
- (4) The dollar amounts reported in column (e) represent the average amount of “compensation actually paid” to our NEOs as a group (excluding our PEOs), as computed in accordance with Item 402(v) of Regulation S-K for each covered fiscal year. The dollar amounts do not reflect the actual average amount of compensation earned or received by or paid to our NEOs as a group (excluding our PEOs) during the applicable fiscal year. In accordance with the requirements of Item 402(v) of Regulation S-K, the following adjustments were made to the average total compensation for each covered fiscal year to determine the “compensation actually paid” to our NEOs as a group (excluding our PEOs) for such fiscal year, using the methodology described in Note 2 above:

Non-PEO NEO Average

		2021	2022
Summary Compensation Table – Total Compensation	(a)	\$ 1,365,778	\$ 1,049,862
- Grant Date Fair Value of Option Awards Granted in Fiscal Year	(b)	\$ 763,599	\$ 454,423
+ Fair Value at Fiscal Year-End of Outstanding and Unvested Stock Awards and Option Awards Granted in Fiscal Year	(c)	\$ 315,773	\$ 61,231
+ Change in Fair Value of Outstanding and Unvested Stock Awards and Option Awards Granted in Prior Fiscal Years	(d)	(\$ 287,121)	(\$ 318,632)
+ Fair Value at Vesting of Stock Awards and Option Awards Granted in Fiscal Year that Vested During Fiscal Year	(e)	\$ 134,082	\$ 22,857
+ Change in Fair Value as of Vesting Date of Stock Awards and Option Awards Granted in Prior Fiscal Years for which Applicable Vesting Conditions were Satisfied During Fiscal Year	(f)	(\$ 52,224)	(\$ 158,597)
- Fair Value as of Prior Fiscal Year-End of Stock Awards and Option Awards Granted in Prior Fiscal Years that Failed to Meet Applicable Vesting Conditions During Fiscal Year	(g)	—	—
= Compensation Actually Paid		\$ 712,689	\$ 202,299

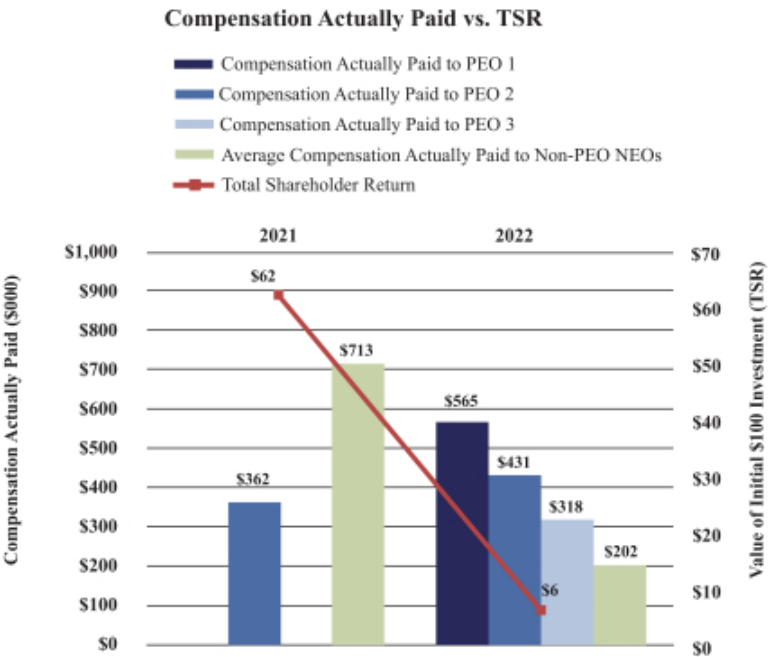
- (5) Stock option grant date fair values are calculated based on the Black-Scholes option pricing model as of date of grant. The valuation assumptions used to calculate the fair values of the stock options held by our PEOs and other NEOs on average that vested during or were outstanding as of the end of each covered fiscal year materially differed from those valuation assumptions disclosed at the time of grant primarily based on the differing option value assumptions: fiscal year 2021 year-end calculations were based on an expected life range of 3.1 to 6.51, volatility of 77.8% to 81.2%, and risk-free rate of 1.0% to 1.4%; fiscal year 2022 year-end calculations were based on an expected life of 3.1 to 6.91, volatility of 77.8% to 88.6%, and risk-free rate of 3.9% to 4.2%. More tenured executives (Dr. Quinn, Ms. Sloan and Mr. Hanley) had significant decreases in year-over-year stock option valuations while compensation of more recently hired executives (Mr. Goldberg, Mr. Kastenmayer and Mr. Alspaugh) had less dynamic changes. Performance-based options used a different Monte Carlo valuation at fiscal year 2021 and fiscal year 2022 year-ends than the grant date valuation based on updated probability of achievement. Performance-based RSU award grant date fair values are calculated using the stock price as of date of grant assuming target performance. The

- performance-based RSU awards held by Dr. Quinn, Ms. Sloan and Mr. Hanley that were outstanding as of the end of each covered fiscal year were deemed to have a de minimis chance of approval and are included as unachieved.
- (6) Cumulative total stockholder return (“TSR”) is calculated by dividing the sum of the cumulative amount of dividends during the measurement period, assuming dividend reinvestment, and the difference between our stock price at the end of the applicable measurement period and the beginning of the measurement period (December 31, 2020) by our stock price at the beginning of the measurement period.
- (7) The dollar amounts reported represent the amount of net income (loss) reflected in our audited financial statements for each covered fiscal year.

Analysis of Information Presented in the Pay Versus Performance Table

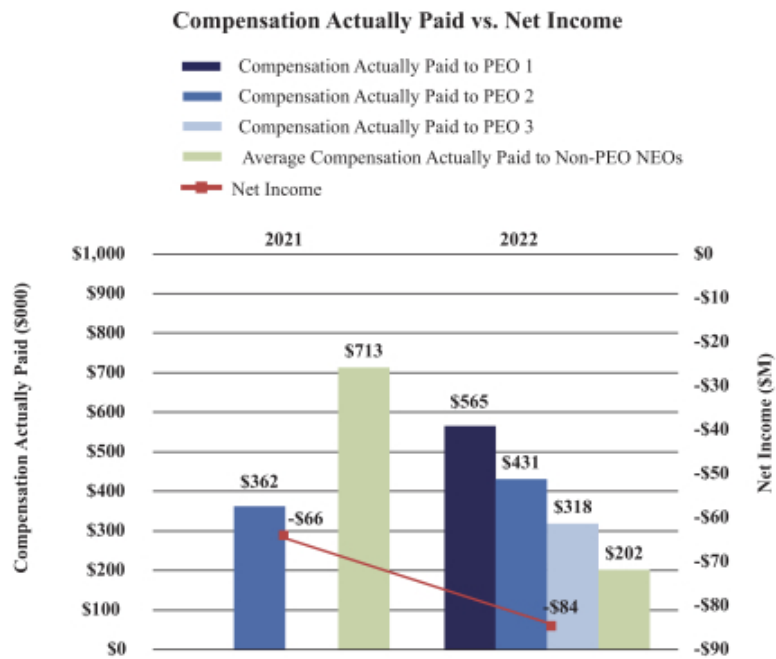
In accordance with Item 402(v) of Regulation S-K, we are providing the following descriptions of the relationships between information presented in the Pay Versus Performance table above.

Compensation Actually Paid and Company TSR



Compensation Actually Paid and Net Income

The following graph displays our compensation actually paid compared to our net income.



All information provided above under the “Pay-Versus-Performance” heading will not be deemed to be incorporated by reference into any of our filings under the Securities Act or the Exchange Act, whether made before or after the date hereof and irrespective of any general incorporation language in any such filing, except to the extent we specifically incorporates such information by reference.

SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The following table sets forth information, to the extent known by us or ascertainable from public filings, with respect to the beneficial ownership of our Common Stock as of November 9, 2023 by:

- each of our directors;
- each of our named executive officers;
- all of our directors and executive officers as a group; and
- each person, or group of affiliated persons, who is known by us to be a beneficial owner of greater than 5.0% of our Common Stock.

The column entitled “Shares Beneficially Owned” is based on a total of 4,048,927 shares of our Common Stock outstanding as of November 9, 2023.

Beneficial ownership is determined in accordance with the rules and regulations of the SEC and includes voting or investment power with respect to our Common Stock. Shares of our Common Stock subject to options that are currently exercisable or exercisable within 60 days of November 9, 2023 are considered outstanding and beneficially owned by the person holding the options for the purpose of calculating the percentage ownership of that person but not for the purpose of calculating the percentage ownership of any other person. Due to the conversion limitations on the Series A Preferred Stock, shares of underlying Common Stock have been excluded from beneficial ownership set forth below. Except as otherwise noted, the persons and entities in this table have sole voting and investing power with respect to all of the shares of our Common Stock beneficially owned by them, subject to community property laws, where applicable. Except as otherwise indicated in the table below, addresses of named beneficial owners are in care of Aeglea BioTherapeutics, Inc., 221 Crescent Street, Building 23, Suite 105, Waltham, MA 02453.

<u>Name and address of beneficial owner</u>	<u>Shares beneficially owned</u>	
	<u>Number</u>	<u>Percentage</u>
5% Stockholders:		
Peter E. Deutsch(1)	383,659	9.5%
Entities affiliated with Fairmount Funds Management LLC (2)	378,421	9.3%
Entities affiliated with Venrock Healthcare Capital Partners III, LP (3)	295,034	7.3%
Entities affiliated with Baker Bros. Advisors LP (4)	255,360	6.3%
Entities affiliated with Suvretta Capital Management, LLC (5)	255,054	6.3%
Logos Global Management LP (6)	254,000	6.3%
Entities affiliated with Affinity Healthcare Fund, LP (7)	237,754	5.9%
BCLS II Equity Opportunities, LP (8)	213,907	5.3%
Named Executive Officers and Directors:		
Jonathan Alspaugh (9)	26,601	*
Jeffrey M. Goldberg	—	*
Jim Kastenmayer (10)	14,299	*
Anthony G. Quinn, M.B Ch.B, Ph.D. (11)	66,038	1.6%
Leslie Sloan, Ph.D.	—	*
Russell J. Cox (12)	8,508	*
Hunter C. Smith (13)	3,386	*
Ivana Magovčević-Liebisch, Ph.D. (14)	6,412	*
Alison Lawton (15)	5,208	*
Peter Harwin (16)	—	*
Tomas Kiselak (17)	—	*
Michael Henderson, M.D. (18)	—	*
All current executive officers and directors as a group(10 persons) (19)	283,066	6.6%

- * Represents beneficial ownership of less than one percent.
- (1) Based solely on a Schedule 13G filed by Peter E. Deutsch on November 14, 2023 with the SEC. The address of Mr. Deutsch is 25 East Point Lane, Old Greenwich, CT 06870.
 - (2) Based on our records and on a Schedule 13D filed by Fairmount Funds Management LLC (“Fairmount”) on June 30, 2023 with the SEC. Represents shares of Common Stock held by Fairmount Healthcare Fund LP (“Fairmount I”) and Fairmount Healthcare Fund II LP (together with Fairmount I, the “Fairmount Funds”), which may be deemed to be indirectly beneficially owned by Fairmount. Fairmount serves as investment manager for each of the Fairmount Funds and may be deemed a beneficial owner of any of our securities of held by each of the Fairmount Funds. The general partner of Fairmount is Fairmount Funds Management GP LLC (“Fairmount GP”). As managing members of Fairmount GP, Peter Harwin and Tomas Kiselak may be deemed beneficial owners of any of our securities beneficially owned by Fairmount. The address of Fairmount is 200 Barr Harbor Drive, Suite 400, West Conshohocken, PA 19428.
 - (3) Based on our records and on information provided by Venrock Healthcare Capital Partners III, LP (“VHCP III”) as of September 22, 2023. Represents shares of Common Stock held by VHCP III, VHCP III Co-Investment Holdings III, LLC (“VHCP III Co”) and Venrock Healthcare Capital Partners EG, L.P. (“VHCP EG”). VHCP Management III, LLC (“VHCPM”) is the sole general partner of VHCP III and the sole manager of VHCP III Co. VHCP Management EG, LLC (“VHCPM EG”) is the sole general partner of VHCP EG. Dr. Bong Koh and Nimish Shah are the voting members of VHCPM and VHCPM EG. The address of each of these persons and entities is 7 Bryant Park, 23rd Floor, New York, NY 10018.
 - (4) Based on our records and on a Schedule 13G filed by Baker Bros. Advisors LP (the “Baker”) on February 14, 2023 with the SEC. Represents shares of Common Stock held by 667, L.P. (“667”) and Baker Brothers Life Sciences, L.P. (together with 667, the “Baker Funds”), which may be deemed to be indirectly beneficially owned by Baker. Baker Bros. Advisors (GP) LLC (“Baker GP”), Felix J. Baker and Julian C. Baker as managing members of Baker GP, may be deemed to indirectly beneficially own the shares held by Baker and may be deemed to have the sole power to vote or direct the vote of and the power to dispose or direct the disposition of such securities. The address of Baker is 860 Washington Street, 3rd Floor, New York, NY 10014.
 - (5) Based solely on a Schedule 13G/A filed by Suvretta Capital Management, LLC (“Suvretta”) on February 13, 2023 with the SEC. Represents shares of Common Stock directly held by Averill Master Fund, Ltd., which may be deemed to be indirectly beneficially owned by Suvretta and Aaron Cowen, as well as shares of Common Stock issuable upon the exercise of pre-funded warrants. Aaron Cowen has beneficial ownership of such shares by virtue of his role as a control person of Suvretta. The mailing address of (i) Suvretta and Aaron Cowen is 540 Madison Avenue, 7th Floor, New York, NY 10022 and (ii) Averill Master Fund, Ltd. is c/o Maples Corporate Services Limited, P.O. Box 309, Ugland House, Grand Cayman KY1-1104, Cayman Islands.
 - (6) Based solely on a Schedule 13G filed by Logos Global Management LP (“Logos Global”) on July 18, 2023 with the SEC. Represents shares of Common Stock beneficially owned by Logos Global Master Fund LP (“Global Fund”). Logos Global is the investment advisor to Global Fund. Logos Global Management GP LLC (“Logos Global GP”) is the general partner of Logos Global. Mr. William is a control person of Logos Global and Logos Global GP. Mr. William disclaims beneficial ownership of these shares, except to the extent of his pecuniary interest in such shares, if any. The principal address of Global Fund is 1 Letterman Drive, Building C, Suite C3-350, San Francisco, CA 94129.
 - (7) Based on our records and on information provided by Affinity Healthcare Fund, LP (“Affinity Fund”) as of September 22, 2023. Affinity Asset Advisors, LLC (the “Affinity Advisor”) is the investment manager of Affinity Fund and exercises investment discretion with regard to the shares of Common Stock owned by Affinity Fund. Affinity Fund and Affinity Advisor have the shared power to vote or to direct the vote and to dispose or direct the disposition of such shares of Common Stock owned by Affinity Fund. Affinity Advisor may be deemed to be the beneficial owner of such shares of Common Stock owned by Affinity Fund by virtue of its position as investment manager of Affinity Fund. The address of each of these entities is 767 3rd Avenue, Floor 15, New York, NY 10017.

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- (8) Based solely on a Schedule 13G/A filed by BCLS II Equity Opportunities, LP (“BCLS”) on February 14, 2023 with the SEC. Represents shares of Common Stock beneficially owned by BCLS. Bain Capital Life Sciences Investors, LLC, a Delaware limited liability company (“BCLSI”), is the manager of Bain Capital Life Sciences Investors II, LLC, a Cayman limited liability company, which is the general partner of Bain Capital Life Sciences Fund II, L.P., a Cayman exempted limited partnership, which is the manager of BCLS II Equity Opportunities GP, LLC, a Delaware limited liability company, which is the general partner of BCLS. BCLSI may be deemed to share voting and dispositive power with respect to such shares. The address of BCLS is 200 Clarendon Street, Boston, MA 02116.
- (9) Represents (i) 7,254 shares of Common Stock held by Mr. Alspaugh and (ii) options exercisable for 19,347 shares of Common Stock within 60 days of November 9, 2023. Does not include stock options issued contingent upon stockholder approval of the A&R 2016 Plan exercisable for an aggregate of 791,518 shares of Common Stock.
- (10) Represents (i) 80 shares owned by Mr. Kastenmayer and (ii) options exercisable for 14,219 shares of Common Stock within 60 days of November 9, 2023.
- (11) Represents (i) 489 shares of Common Stock held by Dr. Quinn and (ii) options exercisable for 65,549 shares of Common Stock within 60 days of November 9, 2023.
- (12) Represents (i) 280 shares of Common Stock held by Mr. Cox and (ii) options exercisable for 8,228 shares of Common Stock within 60 days of November 9, 2023. Does not include stock options issued contingent upon stockholder approval of the A&R 2016 Plan exercisable for an aggregate of 78,000 shares of Common Stock.
- (13) Represents options exercisable for 3,386 shares of Common Stock within 60 days of November 9, 2023. Does not include stock options issued contingent upon stockholder approval of the A&R 2016 Plan exercisable for an aggregate of 78,000 shares of Common Stock.
- (14) Represents options exercisable for 6,412 shares of Common Stock within 60 days of November 9, 2023. Does not include stock options issued contingent upon stockholder approval of the A&R 2016 Plan exercisable for an aggregate of 78,000 shares of Common Stock.
- (15) Represents options exercisable for 5,208 shares of Common Stock within 60 days of November 9, 2023. Does not include stock options issued contingent upon stockholder approval of the A&R 2016 Plan exercisable for an aggregate of 78,000 shares of Common Stock.
- (16) Does not include stock options issued contingent upon stockholder approval of the A&R 2016 Plan exercisable for an aggregate of 78,000 shares of Common Stock.
- (17) Does not include stock options issued contingent upon stockholder approval of the A&R 2016 Plan exercisable for an aggregate of 78,000 shares of Common Stock.
- (18) Does not include stock options issued contingent upon stockholder approval of the A&R 2016 Plan exercisable for an aggregate of 78,000 shares of Common Stock.
- (19) Represents (i) 23,347 shares of Common Stock and (ii) options exercisable for 259,719 shares of Common Stock within 60 days of November 9, 2023. Does not include stock options issued contingent upon stockholder approval of the A&R 2016 Plan exercisable for an aggregate of 546,000 shares of Common Stock.

CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

As discussed in the “Related Party Transactions” section of our 2023 Annual Proxy, below we describe the transactions to which we were a party since January 1, 2021, in which the amount involved exceeded the lesser of \$120,000 and 1% of the average of our total assets at year-end for the prior two completed fiscal years and in which our directors, executive officers, former directors, former executive officers, director nominees and holders of more than 5% of our Common Stock, or other persons as may be required to be disclosed pursuant to Item 404 of Regulation S-K, had a direct or indirect material interest:

- On May 5, 2022, we entered into a placement agent agreement with JonesTrading Institutional Services LLC, as placement agent, relating to a registered direct offering of an aggregate of 430,107 shares of our Common Stock at a public purchase price of \$40.00 per share and pre-funded warrants to purchase up to 694,892 shares of our Common Stock at a public purchase price of \$39.99 per pre-funded warrant with an exercise price of \$0.0025 per share. This registered direct offering closed on May 9, 2022. Pursuant to this offering, on the closing date:
 - i. Baker Brothers Life Sciences, L.P. and 667, L.P. (together, the “Baker Funds”) purchased 251,351 and 29,898 pre-funded warrants to purchase Common Stock, respectively, for an aggregate purchase price of approximately \$11.2 million;
 - ii. Averill Master Fund, Ltd., an entity affiliated with Suvretta, purchased 250,000 pre-funded warrants to purchase Common Stock for an aggregate purchase price of approximately \$10.0 million; and
 - iii. Entities affiliated with Nantahala purchased 132,071 pre-funded warrants to purchase Common Stock for an aggregate purchase price of approximately \$5.3 million.
- On March 16, 2021, we entered into a registration rights agreement (the “Baker RRA”) with the Baker Funds, pursuant to which the Baker Funds are entitled to certain resale registration rights with respect to shares of our Common Stock held by the Baker Funds (the “Baker Registrable Securities”). Under the Baker RRA, following a request by the Baker Funds, we are obligated to file a resale registration statement on Form S-3, or other appropriate form, covering Baker Registrable Securities. Under the Baker RRA, the Baker Funds also have the right to up to two underwritten public offerings or block trades per calendar year, but no more than three underwritten public offerings and eight block trades in total, to effect the sale or distribution of their Baker Registrable Securities, subject to specified exceptions, conditions and limitations. The Baker RRA also includes customary indemnification obligations in connection with registrations conducted pursuant to the Baker RRA. The rights of the Baker Funds under the Baker RRA terminate automatically upon the earlier to occur of the following events: (i) all Baker Registrable Securities covered by the Baker RRA have been sold pursuant to an effective registration statement; (ii) all Baker Registrable Securities covered by the Baker RRA have been sold pursuant to Rule 144, or other similar rule; (iii) at any time after the Baker Funds are no longer our affiliate, all Baker Registrable Securities covered by the Baker RRA may be resold by the Baker Funds without limitations as to volume or manner of sale pursuant to Rule 144; or (iv) ten (10) years after the date of the Baker RRA.

In addition, other than the executive officer and director compensation arrangements discussed above under “Executive Compensation,” below we describe the transactions to which we were a party since the date of our 2023 Annual Proxy, in which the amount involved exceeded the lesser of \$120,000 and 1% of the average of our total assets at year-end for the prior two completed fiscal years and in which our directors, executive officers, former directors, former executive officers, director nominees and holders of more than 5% of our Common Stock, or other persons as may be required to be disclosed pursuant to Item 404 of Regulation S-K, had a direct or indirect material interest.

- In connection with the Asset Acquisition, we assumed the rights and obligations of Spyre under the Paragon Agreement. Under the Paragon Agreement, we are obligated to compensate Paragon on a

quarterly basis for its services performed under each research program based on the actual costs incurred with mark-up costs pursuant to the terms of the Paragon Agreement. As of the date of the Asset Acquisition, Spyre had incurred total expenses of \$19.0 million under the Paragon Agreement since inception, inclusive of a \$3.0 million research initiation fee that was due upon signing of the Paragon Agreement and \$16.0 million of reimbursable expenses under the Paragon Agreement for historical costs incurred by Paragon. As of the acquisition date, \$19.0 million was unpaid and was assumed by us through the Asset Acquisition. Furthermore, following our amendment and restatement of the Paragon Agreement on September 29, 2023, we are obligated to provide certain equity grants to Parapyre pursuant to the Parapyre Option Obligation. For additional detail regarding our arrangements with Paragon and Parapyre, see the sections titled “*Paragon Agreement*” and “*Our Relationship with Paragon and Parapyre*.”

- In July 2023, we exercised our option available under the Paragon Agreement with respect to the SPY001 research program and expect to enter into the SPY001 License Agreement. Our option available under the Paragon Agreement with respect to the SPY002, SPY003 and SPY004 programs remains unexercised. Following the execution of the SPY001 License Agreement, we expect to be obligated to pay Paragon up to \$22.0 million upon the achievement of specific development and clinical milestones for the first product under the SPY001 License Agreement that achieves such specified milestones.

Review, Approval or Ratification of Transactions with Related Parties

Our board of directors has adopted a written related person transactions policy. Under this policy, our executive officers, directors, nominees for election as a director, beneficial owners of more than 5% of our Common Stock, and any members of the immediate family of and any entity affiliated with any of the foregoing persons, are not permitted to enter into a material related person transaction with us without the review and approval of our audit committee, or a committee composed solely of independent directors in the event it is inappropriate for our audit committee to review such transaction due to a conflict of interest. The policy provides that any request for us to enter into a transaction with an executive officer, director, nominee for election as a director, beneficial owner of more than 5% of our Common Stock or with any of their immediate family members or affiliates in which the amount involved exceeds \$120,000, or 1% of the average of our total assets at year-end for the prior two completed fiscal years, will be presented to our audit committee for review, consideration and approval. In approving or rejecting any such proposal, our audit committee will consider the relevant facts and circumstances available and deemed relevant to the audit committee, including, but not limited to, whether the transaction is on terms no less favorable than terms generally available to an unaffiliated third party under the same or similar circumstances and the extent of the related person’s interest in the transaction.

SELLING STOCKHOLDERS

This prospectus covers the resale or other disposition from time to time by the Selling Stockholders identified in the table below of up to an aggregate of 18,809,064 shares of our Common Stock. The Selling Stockholders may from time to time offer and sell any or all of the Resale Shares set forth below pursuant to this prospectus and any accompanying prospectus supplement.

On June 22, 2023, we entered into the Securities Purchase Agreement, pursuant to which we sold an aggregate of 721,452 shares of our Series A Preferred Stock, which will automatically convert into 40 shares of Common Stock, subject to stockholder approval and certain beneficial ownership limitations set by each holder, pursuant to the Certificate of Designation, at an aggregate purchase price of approximately \$210 million. Also on June 22, 2023, we completed our acquisition of Spyre in accordance with the Acquisition Agreement, pursuant to which we issued an aggregate of 517,809 shares of Common Stock and 364,887 shares of Series A Preferred Stock to certain of the Selling Stockholders. This prospectus covers the resale or other disposition by the Selling Stockholders or their pledgees, donees, transferees or other successors-in-interest that receive their shares after the date of this prospectus of up to the total number of shares issued to the Selling Stockholders pursuant to the Acquisition Agreement or issuable upon the conversion of the Series A Preferred Stock sold pursuant to the Securities Purchase Agreement or Acquisition Agreement. This prospectus covers the resale or other disposition by the Selling Stockholders or their transferees of up to the total number of Merger Common Shares, Merger Conversion Shares and Private Placement Conversion Shares issued to the Selling Stockholders pursuant to the Acquisition Agreement or the Securities Purchase Agreement. Throughout this prospectus, when we refer to the “Selling Stockholders,” we are referring to the purchasers under the Securities Purchase Agreement, certain of the securityholders under the Acquisition Agreement and certain of our employees listed in the table below.

We are registering the Resale Shares to permit the Selling Stockholders and their pledgees, donees, transferees or other successors-in interest that receive their shares after the date of this prospectus to resell or otherwise dispose of the shares in the manner contemplated under “Plan of Distribution” herein.

Except as otherwise disclosed herein, the Selling Stockholders do not have, and within the past three years have not had, any position, office or other material relationship with us.

The following table sets forth the names of the Selling Stockholders, the number of shares of our Common Stock owned by the Selling Stockholders, the number of shares of our Common Stock that may be offered under this prospectus and the number of shares of our Common Stock that will be owned after this offering by the Selling Stockholders assuming all of the shares registered for resale hereby are sold.

The Selling Stockholders may sell some, all or none of their Resale Shares. We do not know how long the Selling Stockholders will hold the Resale Shares before selling them, and we currently have no agreements, arrangements or understandings with the Selling Stockholders regarding the sale or other disposition of any of the Resale Shares. The Resale Shares covered hereby may be offered from time to time by the Selling Stockholders, provided that Resale Shares issued upon conversion of Series A Preferred Stock may only be offered after such shares of Series A Preferred Stock are converted to Common Stock pursuant to the terms of the Certificate of Designation.

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The information set forth below, which has been adjusted to reflect the effects of the Reverse Split as applicable, is based upon information obtained from the Selling Stockholders and upon information in our possession regarding the issuance of the Series A Preferred Stock and Merger Common Shares in connection with the PIPE and the Asset Acquisition. The percentages of Common Stock owned after the offering by each Selling Stockholder below are based on 4,048,927 shares of Common Stock outstanding as of November 9, 2023, and, for each Selling Stockholder, assumes the conversion of only the Series A Preferred Stock owned by such Selling Stockholder but not the Series A Preferred Stock owned by any other Selling Stockholder.

Name of Selling Stockholders(1)	Common Stock Beneficially Owned Before Offering (2)	Common Stock that May Be Offered Pursuant to Prospectus	Common Stock Beneficially Owned After Offering (2)	
			Number	Percentage (%)
Entities associated with Venrock Healthcare Capital Partners III, L.P. (3)	2,122,714	1,827,680	295,034	5.0
Entities associated with FMR LLC (Fidelity) (4)	2,068,160	2,068,160	—	*
Avoro Life Sciences Fund LLC (5)	1,839,138	1,827,680	11,458	*
Commodore Capital Master LP (6)	1,834,084	1,717,760	116,324	2.0
Deep Track Biotechnology Master Fund, Ltd. (7)	1,717,760	1,717,760	—	*
Perceptive Life Sciences Master Fund, Ltd. (8)	1,717,760	1,717,760	—	*
Entities associated with RTW Investments, LP (9)	1,717,760	1,717,760	—	*
Entities associated with EcoR1 Capital (10)	887,080	687,080	200,000	4.2
Entities associated with Driehaus Capital Management (USVI) LLC (12)	800,853	687,080	113,773	2.4
Entities associated with BVF Partners L.P. (13)	687,080	687,080	—	*
Cormorant Global Healthcare Master Fund, LP (14)	687,080	687,080	—	*
Entities associated with Franklin Biotechnology (15)	687,080	687,080	—	*
RA Capital Healthcare Fund, L.P. (16)	687,080	687,080	—	*
Entities associated with Logos Global (17)	597,560	343,560	254,000	5.8
Citadel CEMF Investments Ltd. (18)	412,240	412,240	—	*
Entities associated with Aisling Capital (19)	411,205	343,560	67,645	1.5
Affinity Healthcare Fund, LP (20)	340,834	103,080	237,754	5.7
Stempoint Capital (21)	279,981	103,080	176,901	4.3
Salthill Investors (Bermuda) L.P. (22)	214,280	214,280	—	*
Salthill Partners, L.P. (22)	197,960	197,960	—	*
Andrew Spencer (23)	110,155	91,387	18,768	*
Janet Gunzner-Toste (24)	110,155	91,387	18,768	*
Justin LaFontaine (25)	90,415	74,650	15,765	*
Wedbush Healthcare Partners 2023 Fund, LLC (26)	68,720	68,720	—	*
Sessions LLC (27)	34,360	34,360	—	*
Harry Turtle (28)	13,760	13,760	—	*

* Less than 1%

- (1) To our knowledge, unless otherwise indicated, all persons named in the table above have sole voting and investment power with respect to their shares of Common Stock. Unless an address is provided below, the address for the holder is 221 Crescent Street, Building 23, Suite 105, Waltham MA 02453.
- (2) “Beneficial ownership” is a term broadly defined by the SEC in Rule 13d-3 under the Exchange Act, and includes more than the typical form of stock ownership, that is, stock held in the person’s name. The term also includes what is referred to as “indirect ownership,” meaning ownership of shares as to which a person has or shares investment power. Notwithstanding the foregoing, the beneficial ownership amounts assume the sale of all Common Stock that may be offered pursuant to this prospectus without taking into account

certain limitations, including that a holder of Series A Preferred Stock is prohibited from converting shares of Series A Preferred Stock into shares of Common Stock (i) prior to the affirmative vote of the holders of a majority of the then outstanding shares of the Series A Preferred Stock, or (ii) if, as a result of such conversion, such holder, together with its affiliates, would beneficially own more than a specified percentage (established by the holder between 0.00% and 19.99%) (the “Beneficial Ownership Limitation”) of the total number of shares of Common Stock issued and outstanding immediately after giving effect to such conversion.

- (3) Consists of (i) 1,299,120 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Venrock Healthcare Capital Partners EG, L.P. (“VHCP EG”), (ii) 209,711 shares of Common Stock held by VHCP EG, (iii) 480,480 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Venrock Healthcare Capital Partners III, L.P. (“VHCP III”), (iv) 77,564 shares of Common Stock held by VHCP III, (v) 2 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by VHCP Co-Investment Holdings III, LLC (“VHCP III Co”), and (vi) 7,759 shares of Common Stock held by VHCP III Co. VHCP Management III, LLC (“VHCPM”) is the sole general partner of VHCP III and the sole manager of VHCP III Co. VHCP Management EG, LLC (“VHCPM EG”) is the sole general partner of VHCP EG. Dr. Bong Koh and Nimish Shah are the voting members of VHCPM and VHCPM EG. The address of each of these persons and entities is 7 Bryant Park, 23rd Floor, New York, NY 10018. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by VHCP EG, VHCP III, and VHCP III Co are subject to a Beneficial Ownership Limitation of 9.99%.
- (4) Consists of (i) 12,160 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Fidelity Select Portfolios: Pharmaceuticals Portfolio, (ii) 24,000 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Fidelity Advisor Series VII: Fidelity Advisor Biotechnology Fund, (iii) 196,000 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Fidelity Mt. Vernon Street Trust: Fidelity Series Growth Company Fund, (iv) 704,000 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Fidelity Mt. Vernon Street Trust: Fidelity Growth Company Fund, (v) 916,000 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Fidelity Growth Company Commingled Pool and (vi) 216,000 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Fidelity Mt. Vernon Street Trust: Fidelity Growth Company K6 Fund. These funds and accounts are managed by direct or indirect subsidiaries of FMR LLC. Abigail P. Johnson is a Director, the Chairman and the Chief Executive Officer of FMR LLC. Members of the Johnson family, including Abigail P. Johnson, are the predominant owners, directly or through trusts, of Series B voting common shares of FMR LLC, representing 49% of the voting power of FMR LLC. The Johnson family group and all other Series B shareholders have entered into a shareholders’ voting agreement under which all Series B voting common shares will be voted in accordance with the majority vote of Series B voting common shares. Accordingly, through their ownership of voting common shares and the execution of the shareholders’ voting agreement, members of the Johnson family may be deemed, under the Investment Company Act of 1940, to form a controlling group with respect to FMR LLC. Neither FMR LLC nor Abigail P. Johnson has the sole power to vote or direct the voting of the shares owned directly by the various investment companies registered under the Investment Company Act of 1940 (“Fidelity Funds”) advised by Fidelity Management & Research Company LLC (“FMR Co. LLC”), a wholly owned subsidiary of FMR LLC, which power resides with the Fidelity Funds’ Boards of Trustees. FMR Co. LLC carries out the voting of the shares under written guidelines established by the Fidelity Funds’ Boards of Trustees. The address of these funds and accounts is 245 Summer Street, Boston, MA 02210. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by these funds and accounts are subject to a Beneficial Ownership Limitation of 14.90%.
- (5) Consists of (i) 1,827,680 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Avoro Life Sciences Fund LLC and (ii) 11,458 shares of Common Stock held by Avoro Life Sciences Fund LLC. Avoro Capital Advisors LLC (“Avoro”) is the investment advisor for Avoro Life Sciences Fund LLC. Behzad Aghazadeh serves as the portfolio manager and controlling person of Avoro and may be deemed to have investment discretion and voting power over the shares held by Avoro.

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Mr. Aghazadeh disclaims beneficial ownership of these shares, except to the extent of his pecuniary interest in such shares, if any. The address of Avoro Life Sciences Fund LLC is 110 Greene Street, Suite 800, New York, NY 10012. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Avoro Life Sciences Fund LLC are subject to a Beneficial Ownership Limitation of 19.99%

- (6) Consists of (i) 1,717,760 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Commodore Capital Master LP and (ii) 116,324 shares of Common Stock held by Commodore Capital Master LP. Commodore Capital LP is the investment manager to Commodore Capital Master LP and may be deemed to beneficially own the shares held by Commodore Capital Master LP. Michael Kramarz and Robert Egen Atkinson are the managing partners of Commodore Capital LP and exercise investment discretion with respect to these shares. Commodore Capital LP and Commodore Capital Master LP have shared voting and dispositive power with respect to these shares. The address of Commodore Capital LP and Commodore Capital Master LP is 444 Madison Avenue, 35th Floor, New York, NY 10022. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Commodore Capital Master LP are subject to a Beneficial Ownership Limitation of 9.99%.
- (7) Consists of 1,717,760 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Deep Track Biotechnology Master Fund, Ltd. (“Deep Track Biotech”). Deep Track Capital, LP (“Deep Track Capital”) and David Kroin have shared voting power and shared dispositive power over the shares held by the Deep Track Biotech. Mr. Kroin may be considered a control person for Deep Track Capital. The address of Deep Track Capital and Mr. Kroin is 200 Greenwich Ave, 3rd Floor, Greenwich, CT 06830, and the address for Deep Track Biotech is 190 Elgin Avenue, George Town, KY1-9001, Cayman Islands. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Deep Track Biotech are subject to a Beneficial Ownership Limitation of 9.99%.
- (8) Consists of 1,717,760 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Perceptive Life Sciences Master Fund, Ltd. The address of Perceptive is 51 Astor Place, 10th Floor, New York, NY 10003. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Perceptive Life Sciences Master Fund, Ltd. are subject to a Beneficial Ownership Limitation of 19.99%.
- (9) Consists of an aggregate of 1,717,760 shares of Common Stock held by RTW Master Fund, Ltd., RTW Innovation Master Fund, Ltd. and RTW Biotech Opportunities Ltd (collectively, the “RTW Funds”). RTW Investments, LP (“RTW”), in its capacity as the investment manager of the RTW Funds, has the power to vote and the power to direct the disposition of the shares held by the RTW Funds. Accordingly, RTW may be deemed to be the beneficial owner of such securities. Roderick Wong, M.D., as the Managing Partner of RTW, has the power to direct the vote and disposition of the securities held by RTW. Dr. Wong disclaims beneficial ownership of the shares held by the RTW Funds, except to the extent of his pecuniary interest therein. The address and principal office of RTW Investments, LP is 40 10th Avenue, Floor 7, New York, NY 10014, and the address of Dr. Wong and each of the RTW Funds is c/o RTW Investments, LP, 40 10th Avenue, Floor 7, New York, NY 10014. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by the RTW Funds are subject to a Beneficial Ownership Limitation of 9.90%.
- (10) Consists of (i) 39,520 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by EcoR1 Capital Fund, L.P. (“Capital”), (ii) 647,560 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by EcoR1 Capital Fund Qualified, L.P. (“Qualified”), and (iii) 200,000 shares of Common Stock held by Capital and Qualified. EcoR1 Capital LLC (“EcoR1”) is the general partner and investment advisor of Capital and Qualified, which disclaims beneficial ownership of the shares. Oleg Nodelman is the control person of EcoR1 Capital. EcoR1 Capital is the general partner and investment advisor of EcoR1 and Qualified, which disclaims beneficial ownership of the shares. Mr. Nodelman, EcoR1, Capital and Qualified each disclaim beneficial ownership of the shares except to the extent of their pecuniary interest therein. The address of each of EcoR1, Capital, Qualified and Mr. Nodelman is 357 Tehama Street #3, San Francisco, CA 94103. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Capital and Qualified are subject to a Beneficial Ownership Limitation of 9.99%.

- (11) Consists of (i) 507,720 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Driehaus Life Sciences Master Fund, L.P. (“Driehaus Master Fund”), (ii) 84,131 shares of Common Stock held by Driehaus Master Fund, (iii) 179,360 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Driehaus Life Sciences (QP) Fund, L.P. (“Driehaus QP Fund”), and (iv) 29,642 shares of Common Stock held by Driehaus QP Fund. Driehaus Capital Management (USVI) LLC is the general partner of both Driehaus Life Sciences Master Fund, L.P. and Driehaus Life Sciences (QP) Fund, L.P. By virtue of such relationship, Driehaus Capital Management (USVI) LLC may be deemed to have beneficial ownership over such securities. Driehaus Capital Management LLC is the investment advisor to both Driehaus Life Sciences Master Fund, L.P. and Driehaus Life Sciences (QP) Fund. Driehaus Capital Management LLC exercises voting and investment power through portfolio managers comprised of Michael Caldwell and Alex Munns, each of whom disclaims beneficial ownership of the shares held by Driehaus Life Sciences Master Fund, L.P. and Driehaus Life Sciences (QP) Fund, L.P.. The address for these entities is c/o Driehaus Capital Management LLC, 25 East Erie Street, Chicago, IL 60611. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Driehaus Master Fund, L.P. and Driehaus QP Fund are subject to a Beneficial Ownership Limitation of 19.99%.
- (12) Consists of (i) 367,080 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Biotechnology Value Fund, L.P. (“BVF LP”), (ii) 278,240 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Biotechnology Value Fund II, L.P. (“BVF2 LP”), (iii) 32,360 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Biotechnology Value Trading Fund OS LP (“BVF OS”), and (iv) 9,400 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by MSI BVF SPV, LLC (“MSI BVF” and together with BVF LP, BVF2 LP and BVF OS, the “BVF Entities”). BVF I GP LLC (“BVF GP”), as general partner of BVF LP, may be deemed to beneficially own the shares beneficially owned by BVF LP. BVF II GP LLC (“BVF2 GP”), as general partner of BVF2 LP, may be deemed to beneficially own the shares beneficially owned by BVF2 LP. BVF Partners OS Ltd. (“Partners OS”), as general partner of BVF OS, may be deemed to beneficially own the shares beneficially owned by BVF OS. BVF GP Holdings LLC (“BVF GPH”), as the sole member of BVF GP and BVF2 GP, may be deemed to beneficially own the shares beneficially owned in the aggregate by BVF GP and BVF2 GP. BVF Partners L.P. (“Partners”), as investment manager of BVF LP, BVF2 LP, BVF OS and MSI BVF, and the sole member of Partners OS, may be deemed to beneficially own the shares beneficially owned in the aggregate by the BVF Entities. BVF Inc., as the general partner of Partners, may be deemed to beneficially own the shares beneficially owned by Partners. Mark N. Lampert as director and officer of BVF Inc., may be deemed to beneficially own the shares beneficially owned by BVF Inc. Each of BVF GP, BVF2 GP, Partners OS, BVF GPH, Partners, BVF Inc. and Mark N. Lampert disclaims beneficial ownership of securities beneficially owned by the BVF Entities. The address of each of these entities is 44 Montgomery Street, Suite 4000, San Francisco, CA 94104. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by the BVF Entities are subject to a Beneficial Ownership Limitation of 9.90%.
- (13) Consists of 687,080 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Cormorant Global Healthcare Master Fund, LP (“Cormorant Global Healthcare”). Cormorant Global Healthcare GP, LLC (“Global Healthcare GP”) is the general partner of Cormorant Global Healthcare. Cormorant Asset Management, LP serves as the investment manager to Cormorant Global Healthcare. Bihua Chen serves as the managing member of both Global Healthcare GP and Cormorant Asset Management, LP and accordingly may be deemed to have voting and dispositive power with respect to shares held by Cormorant Global Healthcare. Each of Global Healthcare GP, Cormorant Asset Management, LP and Ms. Chen disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein. The principal address for the Cormorant Asset Management, LP entities is 200 Clarendon Street 52nd Floor, Boston, MA 02116. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Cormorant Global Healthcare are subject to a Beneficial Ownership Limitation of 9.99%.
- (14) Consists of (i) 220,000 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Franklin Strategic Series – Franklin Biotechnology Discovery Fund (“Franklin Strategic”) and

- (ii) 467,080 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Franklin Templeton Investment Funds – Franklin Biotechnology Discovery Fund (“Franklin Templeton”). The address of the Franklin entities is c/o Franklin Advisers, Inc., One Franklin Parkway, San Mateo, CA 94403. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Franklin Strategic and Franklin Templeton are subject to a Beneficial Ownership Limitation of 19.99%.
- (15) Consists of 687,080 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by RA Capital Healthcare Fund, L.P. (“RACHF”). RA Capital Management, L.P. is the investment manager for RACHF. The general partner of RA Capital Management, L.P. is RA Capital Management GP, LLC, of which Peter Kolchinsky and Rajeev Shah are the managing members. Each of Mr. Kolchinsky and Mr. Shah may be deemed to have voting and investment power over the ordinary shares held by RACHF. Mr. Kolchinsky and Mr. Shah disclaim beneficial ownership of such shares, except to the extent of any pecuniary interest therein. The principal business address of these persons and entities is 200 Berkeley Street, 18th Floor, Boston, MA 02116. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by RACHF are subject to a Beneficial Ownership Limitation of 9.90%.
- (16) Consists of (i) 343,560 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Logos Opportunities Fund IV LP (“Logos Opportunities”) and (ii) 254,000 shares of Common Stock held by Logos Global Master Fund LP (“Global Fund”). Logos Opportunities IV GP LLC (“Logos Opportunities GP”) is the general partner of Logos Opportunities. Logos Global Management LP (“Logos Global”) is the investment advisor to Global Fund. Logos Global Management GP LLC (“Logos Global GP”) is the general partner of Logos Global. Arsani William and Graham Walmsley are the members of Logos Opportunities GP and Mr. William is a control person of Logos Global and Logos Global GP. Mr. William and Mr. Walmsley each disclaim beneficial ownership of these shares, except to the extent of each’s pecuniary interest in such shares, if any. The principal address of Logos Opportunities and Global Fund is 1 Letterman Drive, Building C, Suite C3-350, San Francisco, CA 94129. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Logos Opportunities are subject to a Beneficial Ownership Limitation of 9.99%.
- (17) Consists of 412,240 shares of Common Stock issuable upon conversion of Series A Preferred Stock held by Citadel CEMF Investments Ltd. (“Citadel CEMF”). Citadel Advisors LLC (“Citadel Advisors”) is the portfolio manager of Citadel CEMF. Citadel Advisors Holdings LP (“Citadel Holdings”) is the sole member of Citadel Advisors. Citadel GP LLC (“Citadel GP”) is the General Partner of Citadel Holdings. Kenneth Griffin owns a controlling interest in Citadel GP LLC. Mr. Griffin, as the owner of a controlling interest in Citadel GP LLC, may be deemed to have shared power to vote and/or shared power to dispose of the securities held by Citadel CEMF. This disclosure shall not be construed as an admission that Mr. Griffin or any of the Citadel related entities listed above is the beneficial owner of any of the Company’s securities other than the securities actually owned by such person (if any). The address of Citadel CEMF is Southeast Financial Center, 200 S. Biscayne Blvd., Suite 3300, Miami, FL 33131. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Citadel CEMF are subject to a Beneficial Ownership Limitation of 9.99%.
- (18) Consists of (i) 343,560 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held directly by Aisling Capital V, LP (“Aisling V”) and held indirectly by Aisling Capital Partners V, LP (“Aisling GP V”), as general partner of Aisling V, Aisling Capital Partners V LLC (“Aisling Partners V”), as general partner of Aisling GP V, and each of the individual managing members of Aisling Partners V and (ii) 67,645 shares of Common Stock held directly by Aisling Capital IV, LP (“Aisling IV”) and held indirectly by Aisling Capital Partners IV, LP (“Aisling GP IV”), as general partner of Aisling IV, Aisling Capital Partners IV LLC (“Aisling Partners IV”), as general partner of Aisling GP IV, and each of the individual managing members of Aisling Partners IV. The individual managing members (collectively, the “Managers”) of Aisling Partners IV and Aisling Partners V are Dr. Andrew Schiff and Steve Elms. Aisling GP IV, Aisling GP V, Aisling Partners IV, Aisling Partners V and the Managers share voting and dispositive power over the shares directly held by Aisling V and Aisling IV. Each of Aisling GP IV, Aisling GP V, Aisling Partners IV, Aisling Partners V and the Managers may be deemed to be the beneficial owner of the securities listed above only to the extent of its pecuniary interest therein. The above information shall

not be deemed an admission that any of Aisling GP IV, Aisling GP V, Aisling Partners IV, Aisling Partners V or any of the Managers is the beneficial owner of any securities reported herein. The address of the principal business offices of each of these entities and persons is 489 Fifth Avenue, 10th Floor, New York, NY 10017. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Aisling V are subject to a Beneficial Ownership Limitation of 19.99%.

- (19) Consists of (i) 103,080 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Affinity Healthcare Fund, LP (the “Affinity Fund”) and (ii) 237,754 shares of Common Stock held by Affinity Fund. Affinity Asset Advisors, LLC (the “Affinity Advisor”) is the investment manager of Affinity Fund and exercises investment discretion with regard to the shares of Common Stock owned by Affinity Fund. Affinity Fund and Affinity Advisor have the shared power to vote or to direct the vote and to dispose or direct the disposition of such shares of Common Stock owned by Affinity Fund. Affinity Advisor may be deemed to be the beneficial owner of such shares of Common Stock owned by Affinity Fund by virtue of its position as investment manager of Affinity Fund. The address of each of these entities is 767 3rd Avenue, Floor 15, New York, NY 10017. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Affinity Fund are subject to a Beneficial Ownership Limitation of 19.99%.
- (20) Consists of (i) 103,080 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by StemPoint Capital Master Fund LP (“StemPoint Fund”), (ii) 87,530 shares of Common Stock held by Jefferies Strategic Investments, LLC (“JSI”) and (iii) 89,371 shares of Common Stock held by Titan Biotech Dislocation Fund SP (“TBDF”). StemPoint Capital LP (“StemPoint”) serves as investment advisor to StemPoint Fund and JSI, and as sub-advisor to TBDF. StemPoint exercises voting and investment power over the shares held by each of StemPoint Fund and JSI pursuant to investment management agreements and StemPoint exercises investment power over the shares held by TBDF pursuant to its sub-advisory agreement. StemPoint hereby disclaims beneficial ownership of the shares held by StemPoint Fund, JSI and TBDF. The total number of shares that StemPoint exercises investment power over is 176,901, as of September 22, 2023. The total number of shares that StemPoint exercises voting and investment power over is 87,530, as of September 22, 2023. The address of these funds and accounts is 520 Madison Avenue, 19th Floor, New York, NY 10022. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by StemPoint Fund are subject to a Beneficial Ownership Limitation of 19.99%.
- (21) Consists of (i) 214,280 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Salthill Investors (Bermuda) L.P. (“Salthill Investors”) and (ii) 197,960 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Salthill Partners, L.P. (“Salthill Partners”). Wellington Management Company LLP (“Wellington Management”), a registered investment adviser under the Investment Advisers Act of 1940, as amended, is the investment adviser to Salthill Partners and Salthill Investors (collectively, the “Wellington Entities”). Wellington Management is an indirect subsidiary of Wellington Management Group LLP (“Wellington Group”). Wellington Group and Wellington Management may be deemed beneficial owners with shared voting and investment power over the shares held by the Wellington Entities. The address of these entities is c/o Wellington Management Company LLP, 280 Congress Street, Boston, MA 02210. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by the Wellington Entities are subject to a Beneficial Ownership Limitation of 19.99%.
- (22) Consists of (i) 88,240 shares of Common Stock issuable upon the conversion of Series A Preferred Stock, (ii) 3,147 shares of Common Stock and (iii) 18,768 shares of Common Stock issuable upon the exercise of options that are or will become exercisable within 60 days of the date hereof, held by Dr. Spencer.
- (23) Consists of (i) 88,240 shares of Common Stock issuable upon the conversion of Series A Preferred Stock, (ii) 3,147 shares of Common Stock and (iii) 18,768 shares of Common Stock issuable upon the exercise of options that are or will become exercisable within 60 days of the date hereof, held by Dr. Gunzner-Toste.
- (24) Consists of (i) 72,080 shares of Common Stock issuable upon the conversion of Series A Preferred Stock, (ii) 2,570 shares of Common Stock and (iii) 15,765 shares of Common Stock issuable upon the exercise of options that are or will become exercisable within 60 days of the date hereof, held by Mr. LaFontaine.
- (25) Consists of 68,720 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Wedbush Healthcare Partners 2023 Fund, LLC. The address for Wedbush Healthcare Partners 2023

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Fund, LLC is Wedbush Center, 1000 Wilshire Blvd., Los Angeles, CA 90017. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Wedbush Healthcare Partners 2023 Fund, LLC are subject to a Beneficial Ownership Limitation of 9.99%.

- (26) Consists of 34,360 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Sessions LLC. The address for Sessions LLC is 96 Fairbanks Ave, Wellesley, MA 02481. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Sessions LLC are subject to a Beneficial Ownership Limitation of 19.99%.
- (27) Consists of 13,760 shares of Common Stock issuable upon the conversion of Series A Preferred Stock held by Harry Turtle. The shares of Common Stock issuable upon conversion of the shares of Series A Preferred Stock held by Mr. Turtle are subject to a Beneficial Ownership Limitation of 19.99%.

Relationship with the Selling Stockholders

In addition to the Securities Purchase Agreement, on June 22, 2023, in connection with the PIPE, we entered into the New RRA on June 22, 2023 with certain Selling Stockholders. Andrew Spencer is our SVP, Preclinical R&D, Janet Gunzner-Toste is our SVP, Operations and Justin LaFontaine is our VP, Corporate Development. Wedbush PacGrow served as lead financial advisor to our board of directors with respect to the Asset Acquisition.

Registration Rights Agreement

Pursuant to the terms of our New RRA, we agreed to prepare and file with the SEC a registration statement that permits the resale or other disposition of the Selling Stockholders' shares of Common Stock issued upon conversion of the Series A Preferred Stock issued to such Selling Stockholder pursuant to the Securities Purchase Agreement and Acquisition Agreement and, subject to certain exceptions, use commercially reasonable efforts to keep the registration statement of which this prospectus forms a part effective under the Securities Act for so long as such securities registered for resale thereunder retain their character as Registrable Securities (as defined in the New RRA).

We have also agreed, among other things, to indemnify the Selling Stockholders and each of their respective officers, directors, members, employees, partners, managers, stockholders, affiliates, investment advisors and agents, each person who controls any such Selling Stockholder and the officers, directors, members, employees, partners, managers, stockholders, affiliates, investment advisors and agents of each such controlling person from certain liabilities and pay all fees and expenses (excluding any legal fees of the selling holder(s), and any underwriting discounts and selling commissions) incident to our obligations under the New RRA.

PLAN OF DISTRIBUTION

We are registering the Resale Shares issued to the Selling Stockholders to permit the sale, transfer or other disposition of these shares by the Selling Stockholders or their donees, pledgees, transferees or other successors-in-interest from time to time after the date of this prospectus. We will not receive any of the proceeds from the sale by the Selling Stockholders of the Resale Shares. We will, or will procure to, bear all fees and expenses incident to our obligation to register the Resale Shares.

The Selling Stockholders may sell all or a portion of the Resale Shares beneficially owned by them and offered hereby from time to time, and in the case of the Private Placement Conversion Shares and Merger Conversion Shares, may only be offered after such shares are converted to Common Stock pursuant to the terms of the Certificate of Designation, directly or through one or more underwriters, broker-dealers or agents. If the Resale Shares are sold through underwriters or broker-dealers, the Selling Stockholders will be responsible for underwriting discounts (it being understood that the Selling Stockholders shall not be deemed to be underwriters solely as a result of their participation in this offering) or commissions or agent's commissions. The Resale Shares may be sold on any national securities exchange or quotation service on which the securities may be listed or quoted at the time of sale, in the over-the-counter market or in transactions otherwise than on these exchanges or systems or in the over-the-counter market and in one or more transactions at fixed prices, at prevailing market prices at the time of the sale, at varying prices determined at the time of sale, or at negotiated prices. These sales may be effected in transactions, which may involve crosses or block transactions. The Selling Stockholders may use any one or more of the following methods when selling Resale Shares:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;
- to or through underwriters or purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- settlement of short sales entered into after the effective date of the registration statement of which this prospectus is a part;
- broker-dealers may agree with the Selling Stockholders to sell a specified number of such shares at a stipulated price per share;
- through the writing or settlement of options or other hedging transactions, whether such options are listed on an options exchange or otherwise;
- a combination of any such methods of sale; and
- any other method permitted pursuant to applicable law.

The Selling Stockholders also may resell all or a portion of the Resale Shares in open market transactions in reliance upon Rule 144 under the Securities Act ("Rule 144"), as permitted by that rule, or Section 4(a)(1) under the Securities Act, if available, rather than under this prospectus, provided that they meet the criteria and conform to the requirements of those provisions.

Broker-dealers engaged by the Selling Stockholders may arrange for other broker-dealers to participate in sales. If the Selling Stockholders effect such transactions by selling Resale Shares to or through underwriters, broker-dealers or agents, such underwriters, broker-dealers or agents may receive commissions in the form of discounts,

concessions or commissions from the Selling Stockholders or commissions from purchasers of the Resale Shares for whom they may act as agent or to whom they may sell as principal. Such commissions will be in amounts to be negotiated, but, except as set forth in a supplement to this prospectus, in the case of an agency transaction will not be in excess of a customary brokerage commission in compliance with FINRA Rule 2121; and in the case of a principal transaction a markup or markdown in compliance with FINRA IM-2121.01.

In connection with sales of the Resale Shares or otherwise, the Selling Stockholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the Resale Shares in the course of hedging in positions they assume. The Selling Stockholders may also sell Resale Shares short and if such short sale shall take place after the date that this registration statement is declared effective by the SEC, the Selling Stockholders may deliver Resale Shares covered by this prospectus to close out short positions and to return borrowed Resale Shares in connection with such short sales. The Selling Stockholders may also loan or pledge Resale Shares to broker-dealers that in turn may sell such shares, to the extent permitted by applicable law. The Selling Stockholders may also enter into option or other transactions with broker-dealers or other financial institutions or the creation of one or more derivative securities which require the delivery to such broker-dealer or other financial institution of shares offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction). Notwithstanding the foregoing, the Selling Stockholders have been advised that they may not use Resale Shares to cover short sales of our Common Stock made prior to the date the registration statement, of which this prospectus forms a part, has been declared effective by the SEC.

The Selling Stockholders may, from time to time, pledge or grant a security interest in some or all of the Resale Shares owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell the Resale Shares from time to time pursuant to this prospectus or any amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act, amending, if necessary, the list of Selling Stockholders to include the pledgee, transferee or other successors in interest as Selling Stockholders under this prospectus. The Selling Stockholders also may transfer and donate the Resale Shares in other circumstances in which case the transferees, donees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

The Selling Stockholders and any broker-dealer or agents participating in the distribution of the Resale Shares may be deemed to be “underwriters” within the meaning of Section 2(11) of the Securities Act in connection with such sales. In such event, any commissions paid, or any discounts or concessions allowed to, any such broker-dealer or agent and any profit on the resale of the shares purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act. Selling Stockholders who are “underwriters” within the meaning of Section 2(a)(11) of the Securities Act will be subject to the applicable prospectus delivery requirements of the Securities Act including Rule 172 thereunder and may be subject to certain statutory liabilities of, including but not limited to, Sections 11, 12 and 17 of the Securities Act and Rule 10b-5 under the Exchange Act.

Each Selling Stockholder has informed the Company that it is not a registered broker-dealer and does not have any written or oral agreement or understanding, directly or indirectly, with any person to distribute the Resale Shares. Upon the Company being notified in writing by a Selling Stockholder that any material arrangement has been entered into with a broker-dealer for the sale of Common Stock through a block trade, special offering, exchange distribution or secondary distribution or a purchase by a broker or dealer, a supplement to this prospectus will be filed, if required, pursuant to Rule 424(b) under the Securities Act, disclosing (i) the name of each such Selling Stockholder and of the participating broker-dealer(s), (ii) the number of Resale Shares involved, (iii) the price at which such the Resale Shares were sold, (iv) the commissions paid or discounts or concessions allowed to such broker-dealer(s), where applicable, (v) that such broker-dealer(s) did not conduct any investigation to verify the information set out in this prospectus, and (vi) other facts material to the transaction. In no event shall any broker-dealer receive fees, commissions and markups, which, in the aggregate, would exceed eight percent (8.0%).

Under the securities laws of some U.S. states, the Resale Shares may be sold in such states only through registered or licensed brokers or dealers. In addition, in some U.S. states the Resale Shares may not be sold unless such shares have been registered or qualified for sale in such state or an exemption from registration or qualification is available and is complied with.

There can be no assurance that any Selling Stockholder will sell any or all of the Resale Shares registered pursuant to the shelf registration statement, of which this prospectus forms a part.

Each Selling Stockholder and any other person participating in such distribution will be subject to applicable provisions of the Exchange Act and the rules and regulations thereunder, including, without limitation, to the extent applicable, Regulation M of the Exchange Act, which may limit the timing of purchases and sales of any of the Resale Shares by the Selling Stockholder and any other participating person. To the extent applicable, Regulation M may also restrict the ability of any person engaged in the distribution of the Resale Shares to engage in market-making activities with respect to the Resale Shares. All of the foregoing may affect the marketability of the Resale Shares and the ability of any person or entity to engage in market-making activities with respect to the Resale Shares.

We will pay all expenses of the registration of the Resale Shares pursuant to the New RRA, including, without limitation, SEC filing fees and expenses of compliance with state securities or “blue sky” laws; provided, however, that each Selling Stockholder will pay all underwriting discounts and selling commissions, if any and any related legal expenses incurred by it. We will indemnify the Selling Stockholders against certain liabilities, including some liabilities under the Securities Act, in accordance with the New RRA, or the Selling Stockholders will be entitled to contribution. We may be indemnified by the Selling Stockholders against certain civil liabilities set forth in the New RRA, including liabilities under the Securities Act, that may arise from any written information furnished to us by the Selling Stockholders specifically for use in this prospectus, in accordance with the related registration rights agreements, or we may be entitled to contribution.

DESCRIPTION OF CAPITAL STOCK

General

Our authorized capital stock consists of 20,000,000 shares of Common Stock, \$0.0001 par value per share, and 10,000,000 shares of preferred stock (“Preferred Stock”), of which 1,086,341 shares have been designated as Series A Preferred Stock, \$0.0001 par value per share.

As of November 9, 2023, there were 4,048,927 shares of our Common Stock and 1,086,339 shares of Series A Preferred Stock outstanding.

The following description summarizes the most important terms of our capital stock. Because it is only a summary, it does not contain all the information that may be important to you. For a complete description, you should refer to our Certificate of Incorporation (the “Certificate of Incorporation”) and Bylaws (the “Bylaws”), which are included as exhibits to this prospectus, and to the applicable provisions of Delaware law.

Common Stock

Dividend rights

Subject to preferences that may apply to any shares of Preferred Stock outstanding at the time, the holders of our Common Stock are entitled to receive dividends out of funds legally available if our board of directors, in its discretion, determines to issue dividends and then only at the times and in the amounts that our board of directors may determine.

Voting rights

Holders of our Common Stock are entitled to one vote for each share held on all matters submitted to a vote of stockholders. We have not provided for cumulative voting for the election of directors in our Certificate of Incorporation. Accordingly, pursuant to our Certificate of Incorporation, holders of a majority of the shares of our Common Stock are able to elect all of our directors. Our Certificate of Incorporation establishes a classified board of directors, divided into three classes with staggered three-year terms. Only one class of directors will be elected at each annual meeting of our stockholders, with the other classes continuing for the remainder of their respective three-year terms.

No preemptive or similar rights

Our Common Stock is not entitled to preemptive rights, and is not subject to conversion, redemption or sinking fund provisions.

Right to receive liquidation distributions

Upon our liquidation, dissolution or winding-up, the assets legally available for distribution to our stockholders would be distributable ratably among the holders of our Common Stock and any participating Preferred Stock outstanding at that time, subject to prior satisfaction of all outstanding debt and liabilities and the preferential rights of and the payment of liquidation preferences, if any, on any outstanding shares of Preferred Stock.

Preferred Stock

Our board of directors is authorized, subject to limitations prescribed by Delaware law, to issue Preferred Stock in one or more series, to establish from time to time the number of shares to be included in each series and to fix the designation, powers, preferences and rights of the shares of each series and any of their qualifications,

limitations or restrictions, in each case without further vote or action by our stockholders. Subject to the Certificate of Designation, our board of directors can also increase or decrease the number of shares of any series of Preferred Stock, but not below the number of shares of that series then outstanding, without any further vote or action by our stockholders. Our board of directors may authorize the issuance of Preferred Stock with voting or conversion rights that could adversely affect the voting power or other rights of the holders of our Common Stock. The issuance of Preferred Stock, while providing flexibility in connection with possible acquisitions and other corporate purposes, could, among other things, have the effect of delaying, deferring or preventing a change in control of our company and might adversely affect the market price of our Common Stock and the voting and other rights of the holders of our Common Stock. We have no current plan to issue any shares of Preferred Stock other than the shares of our Series A Preferred Stock that were issued in connection with the Transactions.

Series A Preferred Stock

Holders of Series A Preferred Stock are entitled to receive dividends on shares of Series A Preferred Stock equal to, on an as-if-converted-to-common-stock basis, and in the same form as dividends actually paid on shares of our Common Stock. Except as provided in the Certificate of Designation or as otherwise required by law, the Series A Preferred Stock does not have voting rights. However, as long as any shares of Series A Preferred Stock are outstanding, we will not, without the affirmative vote of the holders of a majority of the then outstanding shares of the Series A Preferred Stock: (a) alter or change adversely the powers, preferences or rights given to the Series A Preferred Stock, or alter or amend the Certificate of Designation, amend or repeal any provision of, or add any provision to, the Company's Certificate of Incorporation or its Bylaws, or file any articles of amendment, certificate of designations, preferences, limitations and relative rights of any series of Preferred Stock, if such action would adversely alter or change the preferences, rights, privileges or powers of, or restrictions provided for the benefit of the Series A Preferred Stock, regardless of whether any of the foregoing actions will be by means of amendment to the Certificate of Incorporation or by merger, consolidation, recapitalization, reclassification, conversion or otherwise, (b) issue further shares of Series A Preferred Stock or increase or decrease (other than by conversion) the number of authorized shares of Series A Preferred Stock, (c) prior to the stockholder approval of the conversion of the Series A Preferred Stock into shares of Common Stock in accordance with Nasdaq Stock Market Rules (the "Conversion Proposal") or at any time while at least 30% of the originally issued Series A Preferred Stock remains issued and outstanding, consummate (x) any Fundamental Transaction (as defined in the Certificate of Designation) or (y) any merger or consolidation of the Company with or into another entity or any stock sale to, or other business combination in which the stockholders of the Company immediately before such transaction do not hold at least a majority of the capital stock of the Company immediately after such transaction or (d) enter into any agreement with respect to any of the foregoing. The Series A Preferred Stock does not have a preference upon any liquidation, dissolution or winding-up of the Company.

Following stockholder approval of the Conversion Proposal, each share of Series A Preferred Stock will automatically convert into 40 shares of Common Stock, subject to certain limitations, including that a holder of Series A Preferred Stock is prohibited from converting shares of Series A Preferred Stock into shares of Common Stock if, as a result of such conversion, such holder, together with its affiliates, would beneficially own more than a specified percentage (established by the holder between 0% and 19.99%) of the total number of shares of Common Stock issued and outstanding immediately after giving effect to such conversion.

Registration Rights

Pursuant to the terms of the Baker RRA entered into on March 16, 2021 with the Baker Funds, following a request by the Baker Funds, we are obligated to file a resale registration statement on Form S-3, or other appropriate form, covering the shares of our Common Stock held by the Baker Funds. Under the Baker RRA, the Baker Funds also have the right to request up to two underwritten public offerings or block trades in any twelve month period, but not more than three underwritten public offerings and eight block trades in total, to effect the

sale or distribution of the Baker Registrable Securities, subject to specified exceptions, conditions and limitations. The Baker RRA also includes customary indemnification obligations in connection with registrations conducted pursuant to the Baker RRA. The rights of the Baker Funds under the Baker RRA terminate automatically upon the earlier to occur of the following events: (i) all Baker Registrable Securities covered by the Baker RRA have been sold pursuant to an effective registration statement; (ii) all Baker Registrable Securities covered by the Baker RRA have been sold pursuant to Rule 144, or other similar rule; (iii) at any time after the Baker Funds are no longer our affiliate, all Baker Registrable Securities covered by the Baker RRA may be resold by the Baker Funds without limitations as to volume or manner of sale pursuant to Rule 144; or (iv) ten (10) years after the date of the Baker RRA.

In addition, certain of the holders of our Series A Preferred Stock are entitled to certain rights with respect to the registration of such securities as further provided under the heading “*Selling Stockholders – Registration Rights Agreement.*”

Anti-Takeover Provisions

The provisions of Delaware law, our Certificate of Incorporation and our Bylaws could have the effect of delaying, deferring or discouraging another person from acquiring control of our company. These provisions, which are summarized below, may have the effect of discouraging takeover bids. They are also designed, in part, to encourage persons seeking to acquire control of us to negotiate first with our board of directors. We believe that the benefits of increased protection of our potential ability to negotiate with an unfriendly or unsolicited acquirer outweigh the disadvantages of discouraging a proposal to acquire us because negotiation of these proposals could result in an improvement of their terms.

Delaware law

We are subject to the provisions of Section 203 of the Delaware General Corporation Law (the “DGCL”) regulating corporate takeovers. In general, Section 203 prohibits a publicly-held Delaware corporation from engaging in a business combination with an interested stockholder for a period of three years following the date on which the person became an interested stockholder unless:

- prior to the date of the transaction, the board of directors of the corporation approved either the business combination or the transaction which resulted in the stockholder becoming an interested stockholder;
- upon completion of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding upon consummation of the transaction, excluding for purposes of determining the voting stock outstanding, but not the outstanding voting stock owned by the interested stockholder, (1) shares owned by persons who are directors and also officers and (2) shares owned by employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or
- At or subsequent to the date of the transaction, the business combination is approved by the board of directors of the corporation and authorized at an annual or special meeting of stockholders, and not by written consent, by the affirmative vote of at least 66 2/3% of the outstanding voting stock which is not owned by the interested stockholder.

Certificate of Incorporation and Bylaw Provisions

Our Certificate of Incorporation and our Bylaws include a number of provisions that could deter hostile takeovers or delay or prevent changes in control of our company, including the following:

- **Board of Directors vacancies.** Our Certificate of Incorporation and Bylaws authorize our board of directors to fill vacant directorships, including newly created seats unless the board of directors

determines that any such vacancies shall be filled by the stockholders. In addition, the number of directors constituting our board of directors is permitted to be set only by a resolution adopted by a majority vote of our entire board of directors. These provisions prevent a stockholder from increasing the size of our board of directors and then gaining control of our board of directors by filling the resulting vacancies with its own nominees. This makes it more difficult to change the composition of our board of directors but promotes continuity of management.

- **Classified board.** Our Certificate of Incorporation and Bylaws provide that our board is classified into three classes of directors, each with staggered three-year terms. A third party may be discouraged from making a tender offer or otherwise attempting to obtain control of us as it is more difficult and time consuming for stockholders to replace a majority of the directors on a classified board of directors.
- **Stockholder action; special meetings of stockholders.** Our Certificate of Incorporation provides that our stockholders may not take action by written consent, but may only take action at annual or special meetings of our stockholders. As a result, a holder controlling a majority of our capital stock would not be able to amend our Bylaws or remove directors without holding a meeting of our stockholders called in accordance with our Bylaws. Further, our Bylaws provide that special meetings of our stockholders may be called only by a majority of our board of directors, the chairperson of our board of directors, our Chief Executive Officer or our President, thus prohibiting a stockholder from calling a special meeting. These provisions might delay the ability of our stockholders to force consideration of a proposal or for stockholders controlling a majority of our capital stock to take any action, including the removal of directors.
- **Advance notice requirements for stockholder proposals and director nominations.** Our Bylaws provide advance notice procedures for stockholders seeking to bring business before our annual meeting of stockholders or to nominate candidates for election as directors at our annual meeting of stockholders. Our Bylaws also specify certain requirements regarding the form and content of a stockholder's notice. These provisions might preclude our stockholders from bringing matters before our annual meeting of stockholders or from making nominations for directors at our annual meeting of stockholders if the proper procedures are not followed. We expect that these provisions might also discourage or deter a potential acquirer from conducting a solicitation of proxies to elect the acquirer's own slate of directors or otherwise attempting to obtain control of our company.
- **No cumulative voting.** The DGCL provides that stockholders are not entitled to the right to cumulate votes in the election of directors unless a corporation's certificate of incorporation provides otherwise. Our Certificate of Incorporation and Bylaws do not provide for cumulative voting.
- **Directors removed only for cause.** Our Certificate of Incorporation provides that stockholders may remove directors only for cause.
- **Amendment of charter provisions.** Any amendment of the above provisions in our Certificate of Incorporation requires approval by holders of at least two-thirds of our outstanding Common Stock, provided that if two-thirds of our board of directors approves such an amendment, then only the approval of a majority of holders is required.
- **Issuance of Preferred Stock.** Our board of directors has the authority, without further action by the stockholders, to issue up to 10,000,000 shares of Preferred Stock with rights and preferences, including voting rights, designated from time to time by our board of directors. The existence of authorized but unissued shares of Preferred Stock enables our board of directors to render more difficult or to discourage an attempt to obtain control of us by merger, tender offer, proxy contest or other means.
- **Choice of forum.** Our Certificate of Incorporation provides that the Court of Chancery of the State of Delaware is the sole and exclusive forum for any derivative action or proceeding brought on our behalf; any action asserting a breach of fiduciary duty; any action asserting a claim against us arising pursuant to the DGCL, our Certificate of Incorporation or our Bylaws; or any action asserting a claim against us that is governed by the internal affairs doctrine. In addition, our Bylaws also provide that the

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federal district courts of the United States is the exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act.

Transfer Agent and Registrar

The transfer agent and registrar for our Common Stock is Equiniti Trust Company, LLC (previously known as American Stock Transfer & Trust Company LLC). The transfer agent’s address is 6201 15th Avenue, Brooklyn, New York 11219, and its telephone number is (800) 937-5449.

Exchange Listing

Our Common Stock is listed on The Nasdaq Capital Market under the symbol “AGLE.”

LEGAL MATTERS

Certain legal matters, including the legality of the securities offered, has been passed upon for us by Gibson, Dunn & Crutcher LLP, San Francisco, California. Additional legal matters may be passed upon for us or any underwriters, dealers or agents, by counsel that we will name in the applicable prospectus supplement.

EXPERTS

The financial statements of Aeglea BioTherapeutics, Inc. as of December 31, 2022 and 2021 and for each of the three years in the period ended December 31, 2022 included in this prospectus have been so included in reliance on the report (which contains an explanatory paragraph relating to the Company's ability to continue as a going concern as described in Note 1 to the financial statements) of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

The audited Statement of Assets Acquired and Liabilities Assumed from Spyre Therapeutics, Inc. by Aeglea BioTherapeutics, Inc., as of June 22, 2023 included in this prospectus have been so included in reliance on the report (which contains an emphasis of matter relating to the basis of presentation as described in Note 1 and an explanatory paragraph relating to the Company's ability to continue as a going concern as described in Note 1 to the financial statement) of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational requirements of the Exchange Act and are required to file annual, quarterly and other reports, proxy statements and other information with the SEC. The SEC maintains an Internet site (<http://www.sec.gov>) that contains reports, proxy and information statements, and various other information about us.

Information about us is also available at our website at <http://www.aeglea.com>. You may access these materials free of charge as soon as reasonably practicable after they are electronically filed with, or furnished to, the SEC. However, the information on our website is not a part of this prospectus and is not incorporated by reference into this prospectus.

We have filed a registration statement on Form S-1 with the SEC relating to the securities covered by this prospectus. This prospectus is a part of the registration statement and does not contain all of the information in the registration statement. Whenever a reference is made in this prospectus to a contract or other document of ours, please be aware that the reference is only a summary and that you should refer to the exhibits that are part of the registration statement for a copy of the contract or other document. You may review a copy of the registration statement through the SEC's website or our website.

AEGLEA BIOTHERAPEUTICS, INC.
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Report of Independent Registered Public Accounting Firm

To the Board of Directors and Stockholders of Aeglea BioTherapeutics, Inc.

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of Aeglea BioTherapeutics, Inc. and its subsidiaries (the “Company”) as of December 31, 2022 and 2021, and the related consolidated statements of operations, of comprehensive loss, of changes in stockholders’ equity and of cash flows for each of the three years in the period ended December 31, 2022, including the related notes (collectively referred to as the “consolidated financial statements”). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2022 and 2021, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2022 in conformity with accounting principles generally accepted in the United States of America.

Substantial Doubt About the Company’s Ability to Continue as a Going Concern

The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in Note 1 to the consolidated financial statements, the Company has not generated any product revenues and has not achieved profitable operations. These conditions raise substantial doubt about the Company’s ability to continue as a going concern. Management’s plans in regard to these matters are also described in Note 1. The consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on the Company’s consolidated financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits of these consolidated financial statements in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company’s internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matters

The critical audit matter communicated below is a matter arising from the current period audit of the consolidated financial statements that was communicated or required to be communicated to the audit committee and that (i) relates to accounts or disclosures that are material to the consolidated financial statements and

(ii) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Accrued Contracted Research and Development Costs

As described in Notes 2 and 6 to the consolidated financial statements, the Company has entered into various agreements with contract research organizations (CROs), contract manufacturing organizations (CMOs), and other outside service providers. Management records accruals based on estimates of services received and efforts expended pursuant to agreements established with CROs, CMOs, and other outside service providers. These estimates are typically based on contracted amounts applied to the proportion of work performed and determined through analysis with internal personnel and external service providers as to the progress or stage of completion of the services. The Company's research and development expense for the year ended December 31, 2022 was \$59 million, a portion of which relates to contracted research and development costs. Within accrued and other current liabilities, management has accrued \$7 million of contracted research and development costs as of December 31, 2022.

The principal consideration for our determination that performing procedures relating to accrued contracted research and development costs is a critical audit matter is a high degree of auditor effort in performing procedures related to management's estimate of the accrued contracted research and development costs.

Addressing the matter involved performing procedures and evaluating audit evidence in connection with forming our overall opinion on the consolidated financial statements. These procedures also included, among others (i) testing management's process for estimating accrued contracted research and development costs, (ii) testing the completeness and accuracy of the data used to develop the estimate, (iii) testing the completeness and accuracy of costs incurred, on a sample basis, by tracing information to the underlying contracts, purchase orders, invoices and information received from certain third party service providers, where applicable, and (iv) evaluating the reasonableness of the estimated costs incurred for the services which have not been invoiced by tracing to underlying supporting documentation, such as underlying contracts, purchase orders and information received from certain third party service providers, where applicable.

/s/ PricewaterhouseCoopers LLP

Austin, Texas

March 2, 2023, except for the effects of the reverse stock split discussed in Note 14 to the consolidated financial statements, as to which the date is November 15, 2023

We have served as the Company's auditor since 2014.

Aeglea BioTherapeutics, Inc.
Consolidated Balance Sheets

(In thousands, except share and per share amounts)

	December 31,	
	2022	2021
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	\$ 34,863	\$ 15,142
Marketable securities	20,848	77,986
Development receivable	375	815
Prepaid expenses and other current assets	6,172	4,948
Total current assets	62,258	98,891
Restricted cash	1,553	1,838
Property and equipment, net	3,220	4,549
Operating lease right-of-use assets	3,430	3,806
Other non-current assets	683	842
TOTAL ASSETS	\$ 71,144	\$ 109,926
LIABILITIES AND STOCKHOLDERS' EQUITY		
CURRENT LIABILITIES		
Accounts payable	\$ 677	\$ 3,319
Operating lease liabilities	625	436
Deferred revenue	517	2,359
Accrued and other current liabilities	12,837	14,030
Total current liabilities	14,656	20,144
Non-current operating lease liabilities	4,004	4,608
Deferred revenue, net of current portion	2,179	1,217
Other non-current liabilities	—	16
TOTAL LIABILITIES	20,839	25,985
Commitments and Contingencies (Note 9)		
STOCKHOLDERS' EQUITY		
Preferred stock, \$0.0001 par value; 10,000,000 shares authorized as of December 31, 2022 and 2021; no shares issued and outstanding as of December 31, 2022 and 2021	—	—
Common stock, \$0.0001 par value; 20,000,000 shares authorized as of December 31, 2022 and 2021, 2,614,013 shares and 1,974,205 shares issued and outstanding as of December 31, 2022 and 2021, respectively	6	5
Additional paid-in capital	475,971	425,765
Accumulated other comprehensive (loss) income	(48)	(20)
Accumulated deficit	(425,624)	(341,809)
TOTAL STOCKHOLDERS' EQUITY	50,305	83,941
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$ 71,144	\$ 109,926

The accompanying notes are an integral part of these consolidated financial statements.

Aeglea BioTherapeutics, Inc.
Consolidated Statements of Operations

(In thousands, except share and per share amounts)

	Year Ended December 31,		
	2022	2021	2020
Revenue:			
License	\$ —	\$ 12,000	\$ —
Development fee	2,329	6,739	—
Total revenue	2,329	18,739	—
Operating expenses:			
Research and development	58,579	57,069	59,638
General and administrative	28,531	27,319	21,843
Total operating expenses	87,110	84,388	81,481
Loss from operations	(84,781)	(65,649)	(81,481)
Other income (expense):			
Interest income	837	111	593
Other expense, net	(7)	(122)	(5)
Total other income (expense)	830	(11)	588
Loss before income tax expense	(83,951)	(65,660)	(80,893)
Income tax benefit (expense)	136	(141)	—
Net loss	\$ (83,815)	\$ (65,801)	\$ (80,893)
Net loss per share, basic and diluted	\$ (24.86)	\$ (25.02)	\$ (37.89)
Weighted-average common shares outstanding, basic and diluted	3,371,231	2,629,784	2,134,869

The accompanying notes are an integral part of these consolidated financial statements.

Aeglea BioTherapeutics, Inc.
Consolidated Statements of Comprehensive Loss
(In thousands)

	Year Ended December 31,		
	2022	2021	2020
Net loss	<u>\$ (83,815)</u>	<u>\$ (65,801)</u>	<u>\$ (80,893)</u>
Other comprehensive income (loss):			
Foreign currency translation adjustment	(35)	(1)	19
Unrealized gain (loss) on marketable securities	7	(30)	(59)
Total comprehensive loss	<u><u>\$ (83,843)</u></u>	<u><u>\$ (65,832)</u></u>	<u><u>\$ (80,933)</u></u>

The accompanying notes are an integral part of these consolidated financial statements.

Aeglea BioTherapeutics, Inc.
Consolidated Statements of Changes in Stockholders' Equity
(In thousands)

	Common Stock		Additional Paid-in Capital	Accumulated Other Comprehensive (Loss) Income	Accumulated Deficit	Total Stockholders' Equity
	Shares	Amount				
Balances—December 31, 2019	1,163	\$ 3	\$255,142	\$ 51	\$ (195,115)	\$ 60,081
Issuance of common stock and pre-funded warrants in connection with public and at-the-market offerings, net of offering costs	747	2	153,570	—	—	153,572
Issuance of common stock in connection with exercise of stock options	5	—	490	—	—	490
Issuance of common stock in connection with employee stock purchase plan	3	—	366	—	—	366
Stock-based compensation expense	—	—	6,256	—	—	6,256
Foreign currency translation adjustment	—	—	—	19	—	19
Unrealized loss on marketable securities	—	—	—	(59)	—	(59)
Net loss	—	—	—	—	(80,893)	(80,893)
Balances—December 31, 2020	<u>1,918</u>	<u>\$ 5</u>	<u>\$415,824</u>	<u>\$ 11</u>	<u>\$ (276,008)</u>	<u>\$ 139,832</u>
Issuance of common stock in connection with exercise of pre-funded warrants	40	—	—	—	—	—
Issuance of common stock in connection with exercise of stock options	13	—	1,449	—	—	1,449
Issuance of common stock in connection with employee stock purchase plan	3	—	454	—	—	454
Stock-based compensation expense	—	—	8,038	—	—	8,038
Foreign currency translation adjustment	—	—	—	(1)	—	(1)
Unrealized loss on marketable securities	—	—	—	(30)	—	(30)
Net loss	—	—	—	—	(65,801)	(65,801)
Balances—December 31, 2021	<u>1,974</u>	<u>\$ 5</u>	<u>\$425,765</u>	<u>\$ (20)</u>	<u>\$ (341,809)</u>	<u>\$ 83,941</u>
Issuance of common stock and pre-funded warrants in connection with registered direct offering, net of offering costs	430	1	42,873	—	—	42,874
Issuance of common stock in connection with exercise of pre-funded warrants	204	—	—	—	—	—
Issuance of common stock in connection with employee stock purchase plan	6	—	222	—	—	222
Stock-based compensation expense	—	—	7,111	—	—	7,111
Foreign currency translation adjustment	—	—	—	(35)	—	(35)
Unrealized gain (loss) on marketable securities	—	—	—	7	—	7
Net loss	—	—	—	—	(83,815)	(83,815)
Balances—December 31, 2022	<u>2,614</u>	<u>\$ 6</u>	<u>\$475,971</u>	<u>\$ (48)</u>	<u>\$ (425,624)</u>	<u>\$ 50,305</u>

The accompanying notes are an integral part of these consolidated financial statements.

Aeglea BioTherapeutics, Inc.
Consolidated Statements of Cash Flows
(In thousands)

	Year Ended December 31,		
	2022	2021	2020
CASH FLOWS FROM OPERATING ACTIVITIES			
Net loss	\$(83,815)	\$ (65,801)	\$ (80,893)
Adjustments to reconcile net loss to net cash used in operating activities:			
Stock-based compensation	7,111	8,038	6,256
Depreciation and amortization	1,567	1,576	996
Purchase net (premium) discount on marketable securities	428	(344)	(286)
Net amortization of premium (accretion of discount) on marketable securities	(327)	548	73
Non-cash operating lease expense	397	425	628
Other	(2)	9	(9)
Changes in operating assets and liabilities:			
Development receivable	440	(815)	—
Accounts payable	(2,641)	1,065	(544)
Prepaid expenses and other assets	(1,144)	(1,216)	(1,101)
Deferred revenue	(880)	3,576	—
Operating lease liabilities	(435)	(404)	251
Accrued and other liabilities	(843)	(373)	(1,146)
Net cash used in operating activities	<u>(80,144)</u>	<u>(53,716)</u>	<u>(75,775)</u>
CASH FLOWS FROM INVESTING ACTIVITIES			
Purchases of property and equipment	(38)	(573)	(4,280)
Purchases of marketable securities	(39,500)	(133,079)	(129,000)
Proceeds from maturities and sales of marketable securities	96,546	111,033	125,676
Net cash provided by (used in) investing activities	<u>57,008</u>	<u>(22,619)</u>	<u>(7,604)</u>
CASH FLOWS FROM FINANCING ACTIVITIES			
Proceeds from issuance of common stock and pre-funded warrants in registered direct offering, net of offering costs	42,874	—	153,716
Proceeds from employee stock plan purchases and stock option exercises	222	1,903	816
Principal payments on finance lease obligation	(418)	(510)	(20)
Net cash provided by financing activities	<u>42,678</u>	<u>1,393</u>	<u>154,512</u>
Effect of exchange rate on cash, cash equivalents, and restricted cash	(106)	(15)	51
NET (DECREASE) INCREASE IN CASH, CASH EQUIVALENTS, AND RESTRICTED CASH	<u>19,436</u>	<u>(74,957)</u>	<u>71,184</u>
CASH, CASH EQUIVALENTS, AND RESTRICTED CASH			
Beginning of period	16,980	91,937	20,753
End of period	<u>\$ 36,416</u>	<u>\$ 16,980</u>	<u>\$ 91,937</u>
Supplemental Disclosure of Non-Cash Investing and Financing Information:			
Leased assets obtained in exchange for lease obligations	\$ 21	\$ 872	\$ 172
Unpaid amounts related to purchase of property and equipment	\$ —	\$ —	\$ 224

The accompanying notes are an integral part of these consolidated financial statements.

Aeglea BioTherapeutics, Inc.
Notes to Consolidated Financial Statements

1. The Company and Basis of Presentation

Aeglea BioTherapeutics, Inc. (“Aeglea” or the “Company”) is a clinical-stage biotechnology company developing human enzyme therapeutics to benefit people with rare metabolic diseases. The Company was formed as a Limited Liability Company (LLC) in Delaware on December 16, 2013 under the name Aeglea BioTherapeutics Holdings, LLC and was converted from a Delaware LLC to a Delaware corporation on March 10, 2015. The Company operates in one segment and has its principal offices in Austin, Texas.

Liquidity

As of December 31, 2022, the Company had working capital of \$47.6 million, an accumulated deficit of \$425.6 million, and cash, cash equivalents, marketable securities, and restricted cash of \$57.3 million. The Company has not generated any product revenues and has not achieved profitable operations. There is no assurance that profitable operations will ever be achieved, and, if achieved, could be sustained on a continuing basis. In addition, development activities, clinical and nonclinical testing, and commercialization of the Company’s products will require significant additional financing.

The Company is subject to a number of risks similar to other life science companies, including, but not limited to, risks related to the successful discovery, development, and commercialization of product candidates, raising additional capital, development of competing drugs and therapies, protection of proprietary technology and market acceptance of the Company’s products. As a result of these and other factors and the related uncertainties, there can be no assurance of the Company’s future success.

In accordance with ASC 205-40, Going Concern, the Company has evaluated whether there are conditions and events, considered in the aggregate, that raise substantial doubt about the Company’s ability to continue as a going concern within one year after the date the financial statements included in this Annual Report on Form 10-K are issued. Based upon the Company’s current operating plans, the Company believes that it has sufficient resources to fund operations into the fourth quarter of 2023 with its existing cash, cash equivalents, and marketable securities. Accordingly, based on its recurring losses from operations incurred since inception, the expectation of continued operating losses, and the need to raise additional capital to finance its future operations, the Company determined that there is substantial doubt about the Company’s ability to continue as a going concern within twelve months of the issuance date of these financial statements. The accompanying consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty and assumes the Company will continue as a going concern through the realization of assets and satisfaction of liabilities and commitments in the ordinary course of business. The Company plans to address this condition through the sale of common stock in public offerings and/or private placements, debt financings, or through other capital sources, including collaborations with other companies or other strategic transactions.

Although the Company has been successful in raising capital in the past, there is no assurance that it will be successful in obtaining such additional financing on terms acceptable to the Company, if at all, nor is it considered probable under the accounting standards. If the Company is unable to obtain sufficient funding on acceptable terms, it could be forced to delay, reduce or eliminate some or all of its research and development programs or commercialization activities, which could materially adversely affect its business prospects or its ability to continue operations.

Basis of Presentation

The consolidated financial statements have been prepared in conformity with generally accepted accounting principles in the United States (“U.S. GAAP”) as defined by the Financial Accounting Standards Board (“FASB”) and include the accounts of the Company and its wholly owned subsidiaries. All intercompany balances and transactions have been eliminated in consolidation.

2. Summary of Significant Accounting Policies

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the amounts reported in the consolidated financial statements and accompanying notes. Management bases its estimates on historical experience and on various other market-specific and relevant assumptions that management believes to be reasonable under the circumstances, the results of which form the basis for making judgements about the carrying value of assets, liabilities, and equity and the amount of revenues and expenses. Estimates are used in accounting for, among other items, accrued research and development costs and revenue recognition. Actual results could differ materially from those estimates.

Cash and Cash Equivalents

The Company considers all highly liquid investments with original maturities of three months or less from the date of purchase to be cash equivalents. Cash equivalents consist of money market funds and debt securities and are stated at fair value.

Marketable Securities

All investments have been classified as available-for-sale and are carried at estimated fair value as determined based upon quoted market prices or pricing models for similar securities. Management determines the appropriate classification of its investments in debt securities at the time of purchase. The Company may hold securities with stated maturities greater than one year until maturity. All available-for-sale securities are considered available to support current operations and are classified as current assets. The Company presents credit losses as an allowance rather than as a reduction in the amortized cost of the available-for-sale securities.

For available-for-sale debt securities in an unrealized loss position, the Company first assesses whether it intends to sell, or it is more likely than not that it will be required to sell the security before recovery of its amortized cost basis. If either of the criteria regarding intent or requirement to sell is met, the security's amortized cost basis is written down to fair value and recognized in other income (expense) in the results of operations. For available-for-sale debt securities that do not meet the aforementioned criteria, the Company evaluates whether the decline in fair value has resulted from credit losses or other factors. In making this assessment, management considers the extent to which fair value is less than amortized cost, any changes to the rating of the security by a rating agency, and adverse conditions specifically related to the security, among other factors. If this assessment indicates that a credit loss exists, an allowance is recorded for the difference between the present value of cash flows expected to be collected and the amortized cost basis of the security. Impairment losses attributable to credit loss factors are charged against the allowance when management believes an available-for-sale security is uncollectible or when either of the criteria regarding intent or requirement to sell is met.

Any unrealized losses from declines in fair value below the amortized cost basis as a result of non-credit loss factors is recognized as a component of accumulated other comprehensive (loss) income, along with unrealized gains. Realized gains and losses and declines in fair value, if any, on available-for-sale securities are included in other income (expense) in the results of operations. The cost of securities sold is based on the specific-identification method.

Restricted Cash

Restricted cash consists of money market accounts held by financial institutions as collateral for the Company's obligations under a credit agreement and a facility lease for the Company's corporate headquarters in Austin, Texas.

Concentration of Credit Risk

Financial instruments that potentially subject the Company to a concentration of credit risk consist of cash, cash equivalents, marketable securities, and restricted cash. The Company's investment policy limits investments to high credit quality securities issued by the U.S. government, U.S. government-sponsored agencies, highly rated banks, and corporate issuers, subject to certain concentration limits and restrictions on maturities. The Company's cash, cash equivalents, marketable securities, and restricted cash are held by financial institutions that management believes are of high credit quality. Amounts on deposit may at times exceed federally insured limits. The Company has not experienced any losses on its deposits of cash, cash equivalents, and restricted cash and its accounts are monitored by management to mitigate risk. The Company is exposed to credit risk in the event of default by the financial institutions holding its cash, cash equivalents, and restricted cash, and bond issuers.

Property and Equipment

Property and equipment are stated at cost, net of accumulated depreciation and amortization. Depreciation and amortization are computed using the straight-line method over the estimated useful lives of the assets. Repairs and maintenance that do not extend the life or improve an asset are expensed as incurred. Upon retirement or sale, the cost of disposed assets and their related accumulated depreciation and amortization are removed from the balance sheet. Any gain or loss is credited or charged to operations.

The useful lives of the property and equipment are as follows:

Laboratory equipment	5 years
Furniture and office equipment	5 years
Computer equipment	3 years
Software	3 years
Leasehold improvements	Shorter of remaining lease term or estimated useful life

Impairment of Long-Lived Assets

Long-lived assets are reviewed for indications of possible impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability is measured by comparison of the carrying amounts to the future undiscounted cash flows attributable to these assets. An impairment loss is recognized to the extent an asset group is not recoverable, and the carrying amount exceeds the fair value. There were no impairments of long-lived assets for the years ended December 31, 2022, 2021, and 2020.

Accrued Research and Development Costs

The Company records the costs associated with research nonclinical studies, clinical trials, and manufacturing development as incurred. These costs are a significant component of the Company's research and development expenses, with a substantial portion of the Company's on-going research and development activities conducted by third-party service providers, including contract research and manufacturing organizations.

The Company accrues for expenses resulting from obligations under agreements with contract research organizations ("CROs"), contract manufacturing organizations ("CMOs"), and other outside service providers for which payment flows do not match the periods over which materials or services are provided to the Company. Accruals are recorded based on estimates of services received and efforts expended pursuant to agreements established with CROs, CMOs, and other outside service providers. These estimates are typically based on contracted amounts applied to the proportion of work performed and determined through analysis with internal personnel and external service providers as to the progress or stage of completion of the services. The Company

makes significant judgments and estimates in determining the accrual balance in each reporting period. In the event advance payments are made to a CRO, CMO, or outside service provider, the payments will be recorded as a prepaid asset which will be amortized as the contracted services are performed. As actual costs become known, the Company adjusts its accruals. Inputs, such as the services performed, the number of patients enrolled, or the study duration, may vary from the Company's estimates, resulting in adjustments to research and development expense in future periods. Changes in these estimates that result in material changes to the Company's accruals could materially affect the Company's results of operations. Historically, the Company has not experienced any material deviations between accrued and actual research and development expenses.

Leases

The Company determines if an arrangement is a lease at inception. Right-of-use ("ROU") assets represent the Company's right to use an underlying asset for the lease term and lease liabilities represent the Company's obligation to make lease payments arising from the lease. The classification of the Company's leases as operating or finance leases along with the initial measurement and recognition of the associated ROU assets and lease liabilities is performed at the lease commencement date. The measurement of lease liabilities is based on the present value of future lease payments over the lease term. As the Company's leases do not provide an implicit rate, the Company uses its incremental borrowing rate based on the information available at the lease commencement date in determining the present value of future lease payments. To determine the incremental borrowing rate, the Company uses the lease-term appropriate current treasury bond rates adjusted for collateral and inflation risks combined with quoted bank financing rates. The ROU asset is based on the measurement of the lease liability and also includes any lease payments made prior to or on lease commencement and excludes lease incentives and initial direct costs incurred, as applicable. The lease terms may include options to extend or terminate the lease when it is reasonably certain the Company will exercise any such options. Rent expense for the Company's operating leases is recognized on a straight-line basis over the lease term. Amortization expense for the ROU asset associated with its finance leases is recognized on a straight-line basis over the term of the lease and interest expense associated with its finance leases is recognized on the balance of the lease liability using the effective interest method based on the estimated incremental borrowing rate.

The Company has lease agreements with lease and non-lease components. As allowed under Topic 842, the Company has elected to not separate lease and non-lease components for any leases involving real estate and office equipment classes of assets and, as a result, accounts for the lease and non-lease components as a single lease component. The Company has also elected to not apply the recognition requirement of Topic 842 to leases with a term of 12 months or less for all classes of assets.

Fair Value of Financial Instruments

The Company uses fair value measurements to record fair value adjustments to certain financial and non-financial assets and liabilities and to determine fair value disclosures. The accounting standards define fair value, establish a framework for measuring fair value, and require disclosures about fair value measurements. Fair value is defined as the price that would be received from selling an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. When determining the fair value measurements for assets and liabilities required to be recorded at fair value, the principal or most advantageous market in which the Company would transact are considered along with assumptions that market participants would use when pricing the asset or liability, such as inherent risk, transfer restrictions, and risk of nonperformance.

The accounting standard for fair value establishes a fair value hierarchy based on three levels of inputs, the first two of which are considered observable and the last unobservable, that requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. A financial instrument's categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the fair value measurement.

The three levels of inputs that may be used to measure fair value are as follows:

Level 1:	Observable inputs, such as quoted prices in active markets for identical assets or liabilities.
Level 2:	Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities, or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.
Level 3:	Valuations based on unobservable inputs to the valuation methodology and including data about assumptions that market participants would use in pricing the asset or liability based on the best information available under the circumstances.

Financial instruments carried at fair value include cash, cash equivalents, marketable securities, and restricted cash. The carrying amounts of accounts payable and accrued liabilities approximate fair value due to their relatively short maturities.

Revenue Recognition

Under ASC Topic 606, “Revenue from Contracts with Customers” (“Topic 606”), an entity recognizes revenue when its customer obtains control of promised goods or services, in an amount that reflects the consideration that the entity expects to receive in exchange for those goods or services. To determine revenue recognition for arrangements that an entity determines are within the scope of Topic 606, the entity performs the following five steps: (i) identify the contract(s) with a customer; (ii) identify the performance obligations in the contract; (iii) determine the transaction price, including variable consideration, if any; (iv) allocate the transaction price to the performance obligations in the contract; and (v) recognize revenue when (or as) the entity satisfies a performance obligation.

The Company assesses its license arrangements within the scope of Topic 606 in accordance with this framework as follows:

License revenue

The Company assesses whether the goods or services promised within each contract are distinct to identify those that are performance obligations. This assessment involves subjective determinations and requires management to make judgments about the individual promised goods or services and whether such are separable from the other aspects of the contractual relationship. In assessing whether a promised good or service is distinct, and therefore a performance obligation, the Company considers factors such as the research, stage of development of the licensed product, manufacturing and commercialization capabilities of the customer and the availability of the associated expertise in the general marketplace. The Company also considers the intended benefit of the contract in assessing whether a promised good or service is separately identifiable from other promises in the contract. If a promised good or service is not distinct, the Company is required to combine that good or service with other promised goods or services until it identifies a bundle of goods or services that is distinct. Arrangements that include rights to additional goods or services that are exercisable at a customer’s discretion are generally considered options. The Company assesses if these options provide a material right to the customer and if so, they are considered performance obligations.

The transaction price is determined and allocated to the identified performance obligations in proportion to their stand-alone selling prices (“SSP”) on a relative SSP basis. SSP is based on observable prices of the performance obligations or, when such prices are not observable, are estimated. The estimation of SSP may include factors such as forecasted revenues or costs, development timelines, discount rates, probabilities of technical and regulatory success, and considerations such as market conditions and entity-specific factors. In certain circumstances, the Company may apply the residual method to determine the SSP of a good or service if the SSP is considered highly variable or uncertain. The Company validates the SSP for performance obligations by evaluating whether changes in the key assumptions used to determine the SSP will have a significant effect on the allocation of arrangement consideration between multiple performance obligations.

If the consideration promised in a contract includes a variable amount, the Company estimates the amount of consideration to which it will be entitled in exchange for transferring the promised goods or services to a customer. The Company determines the amount of variable consideration by using the expected value method or the most likely amount method. The Company includes the amount of estimated variable consideration in the transaction price to the extent that it is probable that a significant reversal of cumulative revenue recognized will not occur. At the end of each subsequent reporting period, the Company re-evaluates the estimated variable consideration included in the transaction price and any related constraint, and if necessary, adjusts its estimate of the overall transaction price. Any such adjustments are recorded on a cumulative catch-up basis in the period of adjustment.

If an arrangement includes development, regulatory or commercial milestone payments, the Company evaluates whether the milestones are considered likely of being reached and estimates the amount to be included in the transaction price using the most likely amount method. If it is probable that a significant cumulative revenue reversal would not occur, the associated milestone value is included in the transaction price. Milestone payments that are not within the Company's control or the licensee's control, such as regulatory approvals, are generally not considered likely of being achieved until those approvals are received.

In determining the transaction price, the Company adjusts consideration for the effects of the time value of money if the timing of payments provides the Company with a significant benefit of financing. The Company does not assess whether a contract has a significant financing component if the expectation at contract inception is such that the period between payment by the licensee and the transfer of the promised goods or services to the licensees will be one year or less. For arrangements with licenses of intellectual property that include sales-based royalties, including milestone payments based on the level of sales, and if the license is deemed to be the predominant item to which the royalties relate, the Company recognizes royalty revenue and sales-based milestones at the later of (i) when the related sales occur, or (ii) when the performance obligation to which the royalty has been allocated has been satisfied.

The Company recognizes as revenue the amount of the transaction price that is allocated to the respective performance obligation when (or as) each performance obligation is satisfied at a point in time or over time, and if over time, recognition is based on the use of an output or input method.

The Company's contracts may be modified for changes in the customer's requirements. If contract modifications are for additional goods and services that are distinct from the existing contract, the modification will be accounted for as either a separate contract or a termination of the existing contract, depending on whether the additional goods or services reflects the SSP.

If the additional goods or services in a contract modification are not distinct from the existing contract, they are accounted for as if they were part of the original contract. The effect of the contract modification on the transaction price and the measure of progress for the performance obligation to which it relates is recognized as an adjustment to revenue on a cumulative catch-up basis. The cumulative catch-up adjustment is calculated using an updated measure of progress applied to the sum of (1) the remaining consideration allocated to the partially satisfied performance obligation and (2) the revenue already recognized on that performance obligation. The revenue recognized for fully satisfied goods or services and distinct from the remaining performance obligations is not altered by the modification.

Collaborative arrangements

The Company analyzes its license arrangements to assess whether such arrangements involve joint operating activities performed by parties that are both active participants in the activities and exposed to significant risks and rewards dependent on the commercial success of such activities and therefore within the scope of ASC Topic 808, Collaborative Arrangements ("Topic 808"). This assessment is performed throughout the life of the arrangement based on changes in the responsibilities of all parties in the arrangement. For arrangements within

the scope of Topic 808 that contain multiple elements, the Company first determines which elements of the collaboration are deemed to be within the scope of Topic 808 and which elements of the collaboration are more reflective of a vendor-customer relationship and therefore within the scope of Topic 606. For elements of collaboration arrangements that are accounted for pursuant to Topic 808, an appropriate recognition method is determined and applied consistently, either by analogy to authoritative accounting literature or by applying a reasonable and rational policy election. For those elements of the arrangement that are accounted for pursuant to Topic 606, the Company applies the five-step model described above.

Research and Development Costs

Research and development costs are expensed as incurred. Research and development costs include, but are not limited to, salaries, benefits, travel, stock-based compensation, consulting costs, contract research service costs, laboratory supplies and facilities, contract manufacturing costs, and costs paid to other third parties that conduct research and development activities on the Company's behalf. Amounts incurred in connection with license agreements are also included in research and development expense.

Advance payments for goods or services to be rendered in the future for use in research and development activities are recorded as a prepaid asset and expensed as the related goods are delivered or the services are performed.

Stock-Based Compensation

The Company recognizes the cost of stock-based awards granted to employees and non-employees based on the estimated grant-date fair values of the awards. The fair values of stock options are estimated on the date of grant using the Black-Scholes option pricing model. The fair values of restricted stock units ("RSUs") are based on the fair value of the Company's common stock on the date of the grant. The value of the award is recognized as compensation expense on a straight-line basis over the requisite service period. Forfeitures are recognized when they occur, which may result in the reversal of compensation costs in subsequent periods as the forfeitures arise. Compensation expense for employee and non-employee share-based payment awards with performance conditions is recognized when the performance condition is deemed probable.

Income Taxes

The Company and its ten wholly owned subsidiary corporations use the asset and liability method of accounting for income taxes. Under this method, deferred tax assets and liabilities are recognized for the expected future tax consequences of temporary differences between the financial statements and the tax bases of assets and liabilities. Additionally, any changes in income tax laws are immediately recognized in the year of enactment.

A valuation allowance is established against the deferred tax assets to reduce their carrying value to an amount that is more likely than not to be realized. The deferred tax assets and liabilities are classified as noncurrent along with the related valuation allowance. Due to a lack of earnings history, the net deferred tax assets have been fully offset by a valuation allowance.

The Company recognizes benefits of uncertain tax positions if it is more likely than not that such positions will be sustained upon examination based solely on the technical merits, as the largest amount of benefits that is more likely than not to be realized upon the ultimate settlement. The Company's policy is to recognize interest and penalties related to the unrecognized tax benefits as a component of income tax expense, if applicable. As of December 31, 2022 and 2021, the Company had no unrecognized tax benefits and there were no interest or penalties incurred by the Company in the years ended December 31, 2022, 2021, or 2020.

Comprehensive Loss

Comprehensive loss is the change in stockholders' equity from transactions and other events and circumstances other than those resulting from investments by stockholders and distributions to stockholders. The Company's other comprehensive income (loss) is currently comprised of changes in unrealized losses and gains on available-for-sale securities and foreign currency translation adjustments reflecting the cumulative effect of changes in exchange rates between the foreign entity's functional currency and the reporting currency.

3. Fair Value Measurements

The Company measures and reports certain financial instruments as assets and liabilities at fair value on a recurring basis. The following tables sets forth the fair value of the Company's financial assets and liabilities at fair value on a recurring basis based on the three-tier fair value hierarchy (in thousands):

	December 31, 2022			
	Level 1	Level 2	Level 3	Total
Financial Assets				
Money market funds	\$15,250	\$ —	\$ —	\$15,250
Commercial paper	—	23,641	—	23,641
U.S. government securities	—	4,230	—	4,230
Corporate bonds	—	3,732	—	3,732
Total financial assets	<u>\$15,250</u>	<u>\$31,603</u>	<u>\$ —</u>	<u>\$46,853</u>

	December 31, 2021			
	Level 1	Level 2	Level 3	Total
Financial Assets				
Money market funds	\$8,888	\$ —	\$ —	\$ 8,888
Commercial paper	—	65,412	—	65,412
Corporate bonds	—	12,574	—	12,574
Total financial assets	<u>\$8,888</u>	<u>\$77,986</u>	<u>\$ —</u>	<u>\$86,874</u>

The Company measures the fair value of money market funds on quoted prices in active markets for identical asset or liabilities. The Level 2 assets include U.S. government agency securities, commercial paper and corporate bonds, and are valued based on quoted prices for similar assets in active markets and inputs other than quoted prices that are derived from observable market data.

The Company evaluates transfers between levels at the end of each reporting period. There were no transfers between Level 1 and Level 2 during the periods presented.

4. Cash Equivalents and Marketable Securities

The following tables summarize the estimated fair value of the Company's cash equivalents and marketable securities and the gross unrealized gains and losses (in thousands):

	December 31, 2022			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
Cash equivalents:				
Money market funds	\$ 15,250	\$ —	\$ —	\$ 15,250
Commercial paper	7,021	1	(2)	7,020
U.S. government securities	3,736	—	(1)	3,735
Total cash equivalents	<u>26,007</u>	<u>1</u>	<u>(3)</u>	<u>26,005</u>

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	December 31, 2022			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
Marketable securities:				
Commercial paper	16,644	2	(25)	16,621
Corporate bonds	3,738	—	(6)	3,732
U.S. government securities	495	—	—	495
Total marketable securities	\$ 20,877	\$ 2	\$ (31)	\$ 20,848

	December 31, 2021			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
Cash equivalents:				
Money market funds	\$ 8,888	\$ —	\$ —	\$ 8,888
Total cash equivalents	8,888	—	—	8,888
Marketable securities:				
Commercial paper	65,443	3	(34)	65,412
Corporate bonds	12,581	—	(7)	12,574
Total marketable securities	\$ 78,024	\$ 3	\$ (41)	\$ 77,986

The following table summarizes the available-for-sale securities in an unrealized loss position for which an allowance for credit losses has not been recorded as of December 31, 2022 and 2021, aggregated by major security type and length of time in a continuous unrealized loss position:

	December 31, 2022					
	Less Than 12 Months		12 Months or Longer		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Commercial paper	\$ 17,699	\$ (27)	\$ —	\$ —	\$ 17,699	\$ (27)
U.S. government securities	3,735	(1)	—	—	3,735	(1)
Corporate bonds	3,732	(6)	—	—	3,732	(6)
Total marketable securities	\$ 25,166	\$ (34)	\$ —	\$ —	\$ 25,166	\$ (34)

	December 31, 2021					
	Less Than 12 Months		12 Months or Longer		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Commercial paper	\$ 47,425	\$ (34)	\$ —	\$ —	\$ 47,425	\$ (34)
Corporate bonds	12,573	(7)	—	—	12,573	(7)
Total marketable securities	\$ 59,998	\$ (41)	\$ —	\$ —	\$ 59,998	\$ (41)

The Company evaluated its securities for credit losses and considered the decline in market value to be primarily attributable to current economic and market conditions and not to a credit loss or other factors. Additionally, the Company does not intend to sell the securities in an unrealized loss position and does not expect they will be required to sell the securities before recovery of the unamortized cost basis. As of December 31, 2022 and 2021, an allowance for credit losses had not been recognized. Given the Company's intent and ability to hold such securities until recovery, and the lack of significant change in credit risk of these investments, the Company does not consider these marketable securities to be impaired as of December 31, 2022 and 2021.

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There were no realized gains or losses on marketable securities for the years ended December 31, 2022 and 2021. Interest on marketable securities is included in interest income. Accrued interest receivable on available-for-sale debt securities totaled \$0.1 million and \$0.1 million as of December 31, 2022 and 2021, respectively, and is excluded from the estimate of credit losses.

The following table summarizes the contractual maturities of the Company's marketable securities at estimated fair value (in thousands):

	December 31,	
	2022	2021
Due in one year or less	\$ 20,848	\$ 77,986
Due in 1 – 2 years	—	—
Total marketable securities	<u>\$ 20,848</u>	<u>\$ 77,986</u>

The Company may sell investments at any time for use in current operations even if they have not yet reached maturity. As a result, the Company classifies marketable securities, including securities with maturities beyond twelve months as current assets.

5. Property and Equipment, Net

Property and equipment, net consist of the following (in thousands):

	December 31,	
	2022	2021
Laboratory equipment	\$ 2,257	\$ 2,245
Furniture and office equipment	520	520
Computer equipment	73	54
Software	121	139
Leasehold improvements	4,393	4,393
Property and equipment, gross	7,364	7,351
Less: Accumulated depreciation and amortization	(4,144)	(2,802)
Property and equipment, net	<u>\$ 3,220</u>	<u>\$ 4,549</u>

Depreciation and amortization expense for the years ended December 31, 2022, 2021, and 2020 was \$1.4 million, \$1.4 million, and \$1.0 million, respectively. All of the Company's long-lived assets are located in the United States.

6. Accrued and Other Current Liabilities

Accrued and other current liabilities consist of the following (in thousands):

	December 31,	
	2022	2021
Accrued compensation	\$ 4,589	\$ 4,988
Accrued contracted research and development costs	6,972	5,995
Accrued professional and consulting fees	946	2,264
Other	330	783
Total accrued and other current liabilities	<u>\$ 12,837</u>	<u>\$ 14,030</u>

7. Leases

The Company leases certain office space, laboratory facilities, and equipment. These leases require monthly lease payments that may be subject to annual increases throughout the lease term. Certain of these leases also include renewal options at the election of the Company to renew or extend the lease for an additional three to five years. These optional periods have not been considered in the determination of the right-of-use assets or lease liabilities associated with these leases as the Company did not consider it reasonably certain it would exercise the options. The Company performed evaluations of its contracts and determined it has both operating and finance leases. Variable lease expense for these leases primarily consists of common area maintenance and other operating costs.

In April 2019, the Company entered into a lease agreement (the “Las Cimas Lease”) for its corporate headquarters and laboratory space located in Austin, Texas. The Las Cimas Lease includes approximately 30,000 square feet and commenced on April 30, 2019, with an expiration on April 30, 2028. The Company posted a customary letter of credit in the amount of \$1.5 million as security, which is subject to automatic reductions per the terms of the Las Cimas Lease. A tenant allowance of up to \$1.0 million was provided by the lessor and fully reimbursed to the Company.

The following table summarizes the Company’s recognition of its operating and finance leases (in thousands):

		December 31,	
		2022	2021
Assets			
Operating	Operating lease right-of-use assets	\$3,430	\$3,806
Finance	Other non-current assets	597	798
Total leased assets		<u>4,027</u>	<u>4,604</u>
Leases			
Current			
Operating	Operating lease liabilities	625	436
Finance	Accrued and other current liabilities	16	418
Non-current			
Operating	Non-current operating lease liabilities	4,004	4,608
Finance	Other non-current liabilities	—	16
Total lease liabilities		<u>\$4,645</u>	<u>\$5,478</u>

The following table summarizes the weighted-average remaining lease term and discount rates for the Company’s operating and finance leases:

	December 31,	
	2022	2021
Lease term (years)		
Operating leases	5.3	6.3
Finance leases	0.6	0.5
Discount rate		
Operating leases	10.6%	10.7%
Finance leases	10.2%	6.7%

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The following table summarizes the lease costs pertaining to the Company's operating leases (in thousands):

	Year Ended December 31,		
	2022	2021	2020
Operating lease cost	\$ 910	\$ 991	\$ 1,258
Variable lease cost	472	519	665
Total lease cost	<u>\$1,382</u>	<u>\$1,510</u>	<u>\$1,923</u>

Cash paid for amounts included in the measurement of operating lease liabilities during the years ended December 31, 2022 and 2021 was \$0.9 million and \$1.1 million, respectively, and was included within net cash used in operating activities in the cash flows.

The maturities of the Company's operating and finance lease liabilities as of December 31, 2022 were as follows (in thousands):

	Operating Leases	Finance Leases
2023	\$ 1,078	\$ 16
2024	1,103	—
2025	1,129	—
2026	1,163	—
2027	1,198	—
Thereafter	403	—
Total lease payments	6,074	16
Less:		
Imputed interest	(1,445)	—
Total	<u>\$ 4,629</u>	<u>\$ 16</u>

8. Stockholders' Equity

The Company is authorized to issue 30,000,000 shares of capital stock of which 20,000,000 shares are designated as common stock and 10,000,000 shares are designated as preferred stock, all with a par value of \$0.0001 per share. Each holder of common stock is entitled to one vote for each share of common stock held. The Company's common stock is not entitled to preemptive rights, and is not subject to conversion, redemption or sinking fund provisions. Subject to preferences that may apply to any shares of preferred stock outstanding at the time, the holders of common stock are entitled to receive dividends out of funds legally available if the board of directors, in its discretion, determines to issue dividends and then only at the times and in the amounts that the board of directors may determine. As of December 31, 2022 and 2021, no common stock dividends had been declared by the board of directors and there were no shares of preferred stock outstanding.

Registered Direct Offering

In May 2022, the Company issued and sold 430,107 shares of common stock at an offering price of \$40.00 per share and pre-funded warrants to purchase up to 694,892 shares of common stock at an offering price of \$39.9975 per warrant (representing the price per share of common stock sold in the offering minus the \$0.0025 exercise price per warrant) in a registered direct offering pursuant to a shelf registration statement on Form S-3. The net proceeds to the Company from this offering were approximately \$42.9 million, after deducting placement agent fees and offering costs of \$2.1 million.

Follow-on Public Offerings

In February 2019, the Company issued and sold 185,000 shares of common stock at a public offering price of \$200.00 per share and pre-funded warrants to purchase up to 160,000 shares of common stock at a public offering price of \$199.9975 per warrant in an underwritten public offering pursuant to a shelf registration statement on Form S-3. This includes the full exercise by the underwriters of their option to purchase up to 45,000 additional shares of common stock. The net proceeds to the Company from this public offering were \$64.5 million, after deducting underwriting discounts and commissions of \$4.1 million and offering costs of \$0.4 million.

In April 2020, the Company issued and sold 617,692 shares of common stock at a public offering price of \$118.75 per share and pre-funded warrants to purchase up to 544,413 shares of common stock at a public offering price of \$118.7475 per warrant in an underwritten public offering pursuant to a shelf registration statement on Form S-3. This includes the full exercise by the underwriters of their option to purchase up to 151,578 additional shares of common stock. The net proceeds to the Company from this public offering were \$129.0 million, after deducting underwriting discounts and commissions of \$8.2 million and offering costs of \$0.8 million.

Pre-Funded Warrants

In February 2019, April 2020 and May 2022, the Company issued pre-funded warrants to purchase the Company's common stock in underwritten public offerings at the offering price of the common stock, less the \$0.0025 per share exercise price of each warrant. The warrants were recorded as a component of stockholders' equity within additional paid-in capital and have no expiration date. Per the terms of the warrant agreements, the outstanding warrants to purchase shares of common stock may not be exercised if the holder's ownership of the Company's common stock would exceed 4.99% ("Maximum Ownership Percentage") or 9.99% for certain holders. By written notice to the Company, each holder may increase or decrease the Maximum Ownership Percentage to any other percentage (not in excess of 19.99% for the majority of such warrants). The revised Maximum Ownership Percentage would be effective 61 days after the notice is received by the Company.

As of December 31, 2022, the following pre-funded warrants to purchase common stock were issued and outstanding:

<u>Issue Date</u>	<u>Expiration Date</u>	<u>Exercise Price</u>	<u>Number of Warrants Outstanding</u>
February 2019	None	\$ 0.0025	150,000
April 2020	None	\$ 0.0025	474,413
May 2022	None	\$ 0.0025	531,250
Total pre-funded warrants			<u>1,155,663</u>

At-The-Market Offering

In April 2020, the Company entered into a new sales agreement with JonesTrading Institutional Services LLC, as sales agent, to issue and sell shares of its common stock for an aggregate offering price of \$60.0 million under an at-the-market ("2020 ATM") offering program. In the fourth quarter of 2020, the Company issued and sold 129,803 shares of common stock under the 2020 ATM for gross proceeds of \$25.3 million, resulting in net proceeds of \$24.6 million, after deducting underwriting discounts, commissions, and offering costs.

9. Strategic License Agreements

Immedica Pharma AB License and Development Agreement

On March 21, 2021, the Company entered into an exclusive license and supply agreement with Immedica Pharma AB (“Immedica”). By entering into this agreement, the Company agreed to provide Immedica the following goods and services:

- i. Deliver an exclusive, sublicensable, license and know-how (the “License”) to develop and commercialize pegzilarginase (the “Product”) in the territory comprising the members states of the European Economic Area, United Kingdom, Switzerland, Andorra, Monaco, San Marino, Vatican City, Turkey, Saudi Arabia, United Arab Emirates, Qatar, Kuwait, Bahrain, and Oman (the “Territory”);
- ii. Complete the global pivotal PEACE (Pegzilarginase Effect on Arginase 1 Deficiency Clinical Endpoints) Phase 3 trial (“PEACE Trial”) and related Biologics License Application (“BLA”) package to file with the United States Food and Drug Administration (“FDA”), which will be leveraged by Immedica in obtaining the necessary regulatory approvals in the Territory; and
- iii. Perform a Pediatric Investigation Plan trial (“PIP Trial”) in order for Immedica to be able to receive certain regulatory approvals within the Territory.

In addition, the Company and Immedica formed a Joint Steering Committee (“JSC”) to provide oversight to the activities performed under the agreement; however, the substance of the Company’s participation in the JSC does not represent an additional promised service, but rather, a right of the Company to protect its own interests in the arrangement.

Further, the Company agreed to supply to Immedica, and Immedica agreed to purchase from the Company, substantially all commercial requirements of the Product. The terms of the agreement do not provide for either (i) an option to Immedica to purchase the Product from the Company at a discount from the standalone selling price or (ii) minimum purchase quantities. Finally, Immedica will bear (i) all costs and expenses for any development or commercialization of the Product in the Territory subject to the License exclusive of the Company’s promised goods and services summarized above and (ii) all costs and fees associated with applying for regulatory approval of the Product in the Territory. In July 2021, the Company modified the agreement with Immedica to provide certain additional services in relation to the PEACE Phase 3 Trial and BLA package performance obligation in exchange for the reimbursement of up to \$3.0 million of the actual costs incurred in relation to such incremental services.

The Company received a non-refundable payment of \$21.5 million and Immedica agreed to provide payment of 50% of the Company’s costs incurred in performing the PIP Trial up to a maximum of \$1.8 million. In addition, the Company has the ability to receive additional payments under the agreement of up to approximately \$120.8 million in regulatory and commercial milestone payments, assuming an exchange rate of \$1.07 to €1.00. The Company is also entitled to receive royalties in the mid-20 percent range on net sales of the Product in the Territory.

The Company concluded that Immedica meets the definition to be accounted for as a customer because the Company is delivering intellectual property and other services within the Company’s normal course of business, in which the parties are not jointly sharing the risks and rewards. Therefore, the Company concluded that the promises summarized above represent transactions with a customer within the scope of ASC 606. The Company determined that the following promises represent distinct promised services, and therefore, performance obligations: (i) the License, (ii) the PEACE Trial and BLA package, and (iii) the PIP Trial.

Specifically, in making these determinations, the Company considered the following factors:

- As of inception of the agreement, the Company had completed the Phase 1/2 clinical trial related to the Product and were conducting the ongoing PEACE Trial. Accordingly, the Company is not promising,

nor expecting, to perform additional research and development activities pursuant to the agreement that would either significantly modify, customize or be considered highly interdependent or interrelated with pegzilarginase.

- The License represents functional intellectual property given the functionality of the License is not expected to change substantially as a result of the company's ongoing activities.
- The services necessary to complete the PEACE Trial, BLA package and PIP Trial could be performed by other parties.

Given that Immedica is not obligated to purchase any minimum amount or quantities of the Product, the supply of the Product for commercial use to Immedica was determined to be an option for Immedica, rather than a performance obligation of the Company at contract inception and will be accounted for if and when exercised. The Company also determined that Immedica's option to purchase the Product does not create a material right as the expected pricing is not at a discount.

The Company determined that the upfront fixed payment amount of \$21.5 million must be included in the transaction price. Additionally, the Company determined at inception of the arrangement that 50% of the estimated costs to be incurred in relation to the PIP Trial exceeded \$1.8 million and included the full reimbursement amount of \$1.8 million in the transaction price. Upon subsequent re-evaluation due to changing facts and circumstances, the Company determined the estimated costs are now less than the maximum allowable reimbursement and a portion of the variable consideration was constrained, which did not materially impact the revenue recognized to date. Additionally, upon the modification of the agreement in July 2021, the Company determined that the estimated costs to perform the additional services related to the PEACE Trial and BLA package exceeds the maximum allowable reimbursement of \$3.0 million. Therefore, the Company included an estimated total of \$3.6 million that will be due in relation to the PIP Trial, PEACE Trial, and BLA package in the transaction price and it is probable that a significant reversal will not occur in the future. In total, the modified transaction price was determined to be \$25.1 million.

The Company has allocated \$9.6 million and \$3.5 million of the modified transaction price to the PEACE Trial and BLA package and PIP Trial performance obligations, respectively, based on the stand-alone selling prices ("SSP"), which was based on the estimated costs that a third-party would charge in performing such services on a stand-alone basis. The SSP for the License was established at inception of the arrangement using a residual value approach due to the uniqueness of and lack of observable data related to the License, and without a specific analog from which to make reliable estimates, resulting in an allocation of \$12.0 million.

The potential regulatory milestone payments that the Company is eligible to receive were excluded from the transaction price, as the milestone amounts were fully constrained based on the probability of achievement, since the milestones relate to successful achievement of certain regulatory approvals, which might not be achieved. The Company determined that the royalties and commercial milestone payments relate predominantly to the license of intellectual property and are therefore excluded from the transaction price under the sales- or usage-based royalty exception of ASC 606. The Company will reevaluate the transaction price, including all constrained amounts, at the end of each reporting period and as uncertain events are resolved or other changes in circumstances occur, the Company will adjust its estimate of the transaction price as necessary. The Company will recognize the royalties and commercial milestone payments as revenue when the associated sales occur, and relevant sales-based thresholds are met. The Company assessed the arrangement with Immedica and concluded that a significant financing component does not exist.

The Company recognized revenue allocated to the License performance obligation at a point in time and upon transfer of the License. The Company completed the transfer of the know-how necessary for Immedica to benefit from the License in June 2021 and recognized \$12.0 million of revenue at that time. The development fee allocated to the PEACE Trial, BLA package and PIP Trial performance obligations will be recognized over time using an input method of costs incurred related to the performance obligations.

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For the year ended December 31, 2022, the Company recognized revenue of \$2.3 million related to the PEACE Trial and BLA package performance obligation using a cost to cost model. The Company recognized revenue of \$6.7 million related to the PEACE Trial and BLA package performance obligation using a cost to cost model and \$12.0 million related to the transfer of the License for the year ended December 31, 2021 and no revenue for the year ended December 31, 2020. As of December 31, 2022, the Company has recorded deferred revenue of \$2.7 million associated with the license and supply agreement with Immedica, of which \$0.5 million is classified as current. As of December 31, 2021, the Company had recorded deferred revenue of \$3.6 million associated with the license and supply agreement with Immedica, of which \$2.4 million was classified as current.

Contract Balances from Customer Contract

The timing of revenue recognition, billings and cash collections results in contract assets and contract liabilities on the balance sheets. The Company recognizes license and development receivables based on billed services, which are derecognized upon reimbursement. When consideration is received, or such consideration is unconditionally due, from a customer prior to transferring goods or services to the customer under the terms of a contract, a contract liability is recorded. Contract liabilities are recognized as revenue after control of the goods or services is transferred to the customer and all revenue recognition criteria have been met.

The following table presents changes in the Company's contract liabilities for the periods presented (in thousands):

<u>Year Ended December 31, 2021</u>	<u>December 31, 2021</u>	<u>Additions</u>	<u>Deductions</u>	<u>December 31, 2022</u>
Contract liabilities:				
Deferred revenue	\$ 3,576	\$ 1,449	\$ (2,329)	\$ 2,696

The Company had no contract assets during the years ended December 31, 2022, 2021 and 2020 and no contract liabilities during the year ended December 31, 2020.

University of Texas at Austin License Agreement

In December 2013, two of the Company's wholly owned subsidiaries AECASE, Inc. and AEMase, Inc. each entered into an exclusive, worldwide license agreement, including the right to grant sublicenses, with the University of Texas at Austin (the "University") for certain intellectual property owned by the University related to cystinase and methioninase. In January 2017, the Company and the University entered into an Amended and Restated Patent License Agreement (the "Restated License"), which consolidated the two license agreements, revised certain obligations, and licensed additional patent applications and invention disclosures to us. The Restated License was amended in August 2017, December 2017, and December 2018 to revise diligence milestones and license additional patent applications, including our program candidates under the pegtarviliase and Cystinuria Programs.

Pursuant to the terms of the Restated License, the Company may be required to pay the University up to \$6.4 million in milestone payments based on the achievement of certain development milestones, including clinical trials and regulatory approvals, the majority of which are due upon the achievement of later development milestones, including a \$5.0 million payment due on regulatory approval of a product and a \$0.5 million payment payable on final regulatory approval of a product for a second indication. In addition, the Company is required to pay the University a low single-digit royalty on worldwide-net sales of products covered under the Restated License, together with a revenue share on non-royalty consideration received from sublicensees. The rate of the revenue share ranges from 6.5% to 25% depending on the date the sublicense agreement is signed.

In the year ended December 31, 2022, the Company paid \$0.1 million in milestone payments pursuant to the Restated License. For the years ended December 31, 2021 and 2020, the Company paid \$0.1 million in license fees annually.

10. Stock-Based Compensation

2015 Equity Incentive Plan

In March 2015, the Company adopted the 2015 Equity Incentive Plan (“2015 Plan”), administered by the board of directors, and provides for the Company to sell or issue common stock or restricted common stock, or to grant incentive stock options or nonqualified stock options for the purchase of common stock, to employees, members of the board of directors and consultants of the Company. Under the terms of the 2015 Plan, the exercise prices, vesting and other restrictions may be determined at the discretion of the board of directors, or their committee if so delegated, except that the exercise price per share of stock options may not be less than 100% of the fair market value of the share of common stock on the date of grant, the term of stock options may not be greater than ten years for all grants, and for grantees holding more than 10% of the total combined voting power of all classes of stock, the term may not be greater than five years.

The Company granted options under the 2015 Plan until April 2016 when it was terminated as to future awards, although it continues to govern the terms of options that remain outstanding under the 2015 Plan.

As of December 31, 2022, a total of 3,785 shares of common stock are subject to options outstanding under the 2015 Plan and will become available under the 2016 Equity Incentive Plan (“2016 Plan”) to the extent the options are forfeited or lapse unexercised.

2016 Equity Incentive Plan

The 2016 Plan became effective in April 2016 and serves as the successor to the 2015 Plan. Under the 2016 Plan, the Company may grant stock options, stock appreciation rights, restricted stock awards, restricted stock units, performance awards, and stock bonuses. The 2016 Plan provides for an initial reserve of 44,000 shares of common stock, plus 20,394 shares of common stock remaining under the 2015 Plan, and any share awards that subsequently are forfeited or lapse unexercised under the 2015 Plan. The shares reserved exclude shares of common stock reserved for issuance under the 2015 Plan.

In October 2018, the 2016 plan was amended to increase the number of shares of common stock reserved for issuance thereunder by 70,384 shares, extend the term of the 2016 Plan through August 7, 2028, and provide for an automatic increase in the number of shares reserved for issuance thereunder on January 1 of each year for the remaining term of the plan equal to (a) 4.0% of the number of issued and outstanding shares of common stock on December 31 of the immediately preceding year, or (b) a lesser amount as approved by the board each year. As a result of the operation of each of these provisions, on January 1, 2022, 2021, and 2020, an additional 78,968, 76,734, and 46,535 shares, respectively, became available for issuance under the 2016 Plan.

As of December 31, 2022, the total number of shares reserved for issuance under the 2016 Plan was 432,725, of which 319,122 shares were subject to outstanding option awards and restricted unit awards.

2018 Equity Inducement Plan

In February 2018, the board of directors approved and adopted the 2018 Equity Inducement Plan (“2018 Plan”), which became effective on the same date. The board of directors approved an initial reserve of 44,000 shares of common stock to be used exclusively for individuals who were not previously employees or directors, or following a bona fide period of non-employment, as an inducement material to the individual entering into employment with the Company. Nonqualified stock options or restricted stock units may be granted under the 2018 Plan at the discretion of the Compensation Committee or the board of directors. The Company did not seek stockholder approval of the 2018 Plan pursuant to Nasdaq Rule 5635(c)(4).

As of December 31, 2022, the total number of shares reserved for issuance under the 2018 Plan was 44,000, of which 12,440 shares were subject to outstanding option awards.

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Under the 2016 Plan and 2018 Plan, the Company may grant stock-based awards with service conditions (“service-based” awards), performance conditions (“performance-based” awards), and market conditions (“market-based” awards). Service-based awards granted under the 2018 Plan, 2016 Plan, and 2015 Plan generally vest over four years and expire after ten years, although awards have been granted with vesting terms less than four years.

CEO Inducement Grant

In November 2022, the Company granted 75,393 non-qualified stock options to the new Chief Executive Officer in a stand alone inducement grant. The first 25% of these options vest on the one year anniversary of the grant, and the remaining 75% vest in equal amounts over 48 months following the one year anniversary date and are exercisable for a term of ten years.

The following table summarizes employee and non-employee stock option activity for the year ended December 31, 2022:

	Shares Issuable Under Options	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (in years)	Aggregate Intrinsic Value (in thousands)
Outstanding as of December 31, 2021	264,303	\$189.00	7.90	\$ 328
Granted	235,199	45.00		
Exercised	—	—		
Forfeited	(94,421)	153.50		
Outstanding as of December 31, 2022	<u>405,081</u>	\$113.75	6.72	\$ 2
Options vested and expected to vest as of December 31, 2022	<u>397,772</u>	\$112.50	6.78	\$ 2
Options exercisable as of December 31, 2022	<u>163,450</u>	\$171.00	4.93	\$ —

The aggregate intrinsic value of options outstanding, exercisable, vested and expected to vest were calculated as the difference between the exercise price of the options and the fair value of the Company’s common stock as of the reporting date.

For the years ended December 31, 2022, 2021, and 2020, the weighted-average grant date fair value of options granted was \$45.00, \$124.00, and \$117.00, respectively. No options were exercised in the year ended December 31, 2022. The total intrinsic value of options exercised during the years ended December 31, 2021, and 2020 was \$0.7 million and \$0.4 million, respectively.

There were no stock options issued to non-employees during the years ended December 31, 2022, 2021, and 2020. For the year ended December 31, 2020, 66 non-employee stock options vested in the period. For the years ended December 31, 2022 and 2021, no non-employee stock options vested in the period.

2016 Employee Stock Purchase Plan

The 2016 Employee Stock Purchase Plan (“2016 ESPP”) became effective in April 2016. A total of 6,600 shares of common stock were reserved for issuance under the 2016 ESPP. Eligible employees may purchase shares of common stock under the 2016 ESPP at 85% of the lower of the fair market value of the Company’s common stock as of the first or the last day of each offering period. Employees are limited to contributing 15% of the employee’s eligible compensation and may not purchase more than \$25,000 of stock during any calendar year. The 2016 ESPP will terminate ten years from the first purchase date under the plan, unless terminated earlier by the board of directors.

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In June 2018, the 2016 ESPP was amended to provide for an automatic annual increase in the number of shares reserved for issuance thereunder on January 1 of each year for the remaining term of the year equal to (a) 1.0% of the number of issued and outstanding shares of common stock on December 31 of the immediately preceding year, or (b) a lesser amount as approved by the board of directors each year. As a result of the operation of this provision, on January 1, 2022, 2021 and 2020, an additional 19,742, 19,183, and 11,633 shares, respectively, became available for issuance under the 2016 ESPP. As of December 31, 2022, the reserve remaining and available for future issuance under the 2016 ESPP was 48,665 shares.

In February 2023, the 2016 ESPP was amended to increase the maximum shares purchased during any one period from 80 shares to 400 shares or a lesser amount determined by the board of directors.

Restricted Common Stock Units

The Company granted 9,128 restricted stock units (“RSUs”) during the year ended December 31, 2020 to certain employees with regulatory, commercial, and clinical milestones in addition to a service condition. There were no RSUs granted for the years ended December 31, 2022 and 2021.

As of December 31, 2022, the performance conditions of the granted RSUs were not probable of being achieved. If and when the performance milestones are deemed probable of being achieved within the required time frame, the Company may recognize up to \$1.2 million of stock-based compensation for the remaining unvested RSUs as of December 31, 2022.

The following table summarizes employee restricted stock activity for the year ended December 31, 2022:

	Shares	Weighted Average Grant Date Fair Value
Unvested restricted stock units as of December 31, 2021	7,600	\$ 203.25
Granted	—	—
Vested	—	—
Forfeited	(1,940)	203.25
Unvested restricted stock units as of December 31, 2022	5,660	\$ 203.25

There were no RSUs granted to non-employees during the years ended December 31, 2022, 2021, and 2020.

Stock-Based Compensation Expense

Total stock-based compensation expense recognized from the Company’s equity incentive plans, 2018 Plan, and the 2016 ESPP for the years ended December 31, 2022, 2021, and 2020 was as follows (in thousands):

	Year Ended December 31,					
	2022		2021		2020	
	Employees	Non-Employees	Employees	Non-Employees	Employees	Non-Employees
Research and development	\$ 2,591	\$ —	\$ 2,723	\$ —	\$ 2,168	\$ 36
General and administrative	4,520	—	5,315	—	4,052	—
Total stock-based compensation expense	\$ 7,111	\$ —	\$ 8,038	\$ —	\$ 6,220	\$ 36

No related tax benefits were recognized for the years ended December 31, 2022, 2021, and 2020 (see Note 11).

The employee and non-employee awards contain both performance and service-based vesting conditions. No expense was recognized for the unvested employee and non-employee awards with only a performance condition for the years ended December 31, 2022, 2021, and 2020. The performance-based vesting conditions represent specific performance targets. Compensation expense for employee and non-employee share-based payment awards with performance conditions is recognized when the performance condition is deemed probable of achievement.

As of December 31, 2022, the Company had an aggregate of \$11.6 million of unrecognized stock-based compensation expense for options outstanding, which is expected to be recognized over a weighted average period of 1.6 years.

In determining the fair value of the stock-based awards, the Company uses the Black-Scholes option-pricing model and assumptions discussed below. Each of these inputs is subjective and generally requires significant judgment to determine.

Expected Term

The Company's expected term represents the period that the Company's stock-based awards are expected to be outstanding and is determined using the simplified method (based on the midpoint between the vesting date and the end of the contractual term). The Company utilizes this method due to lack of historical exercise data and the plain-vanilla nature of the Company's stock-based awards.

Expected Volatility

Since the Company was privately held through April 2016, it alone does not have the relevant company-specific historical data to support its expected volatility. As such, the Company has used an average of expected volatilities based on the volatilities of a representative group of publicly traded biopharmaceutical companies over a period equal to the expected term of the stock option grants. Subsequent to the Company's initial public offering, it began to consider the Company's own historic volatility. However, due to its limited history as a public company, the Company still uses peer company data to assist in this analysis. For purposes of identifying comparable companies, the Company selected companies with comparable characteristics to it, including enterprise value, risk profiles, position within the industry, and with historical share price information sufficient to meet the expected life of the stock-based awards. The historical volatility data was computed using the daily closing prices for the selected companies' shares during the equivalent period of the calculated expected term of the stock-based awards. The Company intends to consistently apply this process using the same or similar comparable entities until a sufficient amount of historical information regarding the volatility of the Company's own share price becomes available.

Risk-Free Interest Rate

The risk-free interest rate is based on the U.S. Treasury zero coupon issues in effect at the time of grant for periods corresponding with the expected term of option.

Expected Dividend

The Company has never paid dividends on its common stock and has no plans to pay dividends on its common stock. Therefore, the Company used an expected dividend yield of zero.

Valuation of Stock Options and 2016 ESPP

The fair value of the stock options granted under the 2018 Plan, 2016 Plan, 2015 Plan and the CEO inducement grant, as well as the shares available for purchase under the 2016 ESPP were determined using the Black-Scholes option-pricing model. The following table summarizes the weighted-average assumptions used in calculating the fair value of the awards:

	Year Ended December 31,		
	2022	2021	2020
Stock Options Granted			
Expected term (in years)	6.00	5.99	6.10
Expected volatility	84%	83%	76%
Risk-free interest	2.93%	0.88%	1.06%
Dividend yield	0%	0%	0%
2016 ESPP			
Expected term (in years)	0.49	0.50	0.50
Expected volatility	84%	86%	76%
Risk-free interest	1.95%	0.08%	0.75%
Dividend yield	0%	0%	0%

11. Defined Contribution Plan

The Company sponsors a 401(k) retirement plan in which substantially all of its full-time employees are eligible to participate. Participants may contribute a percentage of their annual compensation to this plan, subject to statutory limitations. During the years ended December 31, 2022, 2021, 2020, the Company provided \$0.6 million, \$0.6 million, and \$0.5 million, respectively, in contributions to the plan.

12. Income Taxes

The following table summarizes the (loss) income before income tax expense by jurisdiction for the periods indicated:

	Year Ended December 31,		
	2022	2021	2020
Domestic	\$(84,113)	\$(65,940)	\$(80,893)
Foreign	162	280	—
Loss before income tax expense	<u>\$(83,951)</u>	<u>\$(65,660)</u>	<u>\$(80,893)</u>

For the year ended December 31, 2022, the Company recognized an income tax expense of \$0.1 million, related to foreign subsidiaries refund from research client and foreign subsidiaries income tax expense. For the year ended December 31, 2021, the Company recognized an income tax expense of \$0.1 million, related to foreign subsidiaries income tax expense and the Texas margins tax. For the year ended December 31, 2020, the

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Company recognized no provision or benefit from income taxes. The difference between the Company's provision for income taxes and the amounts computed by applying the statutory federal income tax rate to income before income taxes is as follows (in thousands):

	Year Ended December 31,		
	2022	2021	2020
Tax provision derived by applying the federal statutory rate to income before income taxes	\$ (17,630)	\$ (13,789)	\$ (16,988)
Permanent differences and other	1,042	1,002	482
Federal tax credits	(3,559)	(3,815)	(3,905)
State tax credits	(640)	(152)	(251)
Effect of tax rate on foreign jurisdiction	42	(5)	—
Change in the valuation allowance	20,609	16,900	20,662
Income tax (benefit) expense	<u>\$ (136)</u>	<u>\$ 141</u>	<u>\$ —</u>

The components of the deferred tax assets and liabilities consist of the following (in thousands):

	December 31,	
	2022	2021
Deferred tax assets		
Net operating loss carryforward	\$ 68,917	\$ 64,531
Intangible assets	11,149	57
Deferred revenue	566	—
Accrued expense	668	846
Stock-based compensation	3,293	2,767
Federal tax credits	21,914	18,579
State tax credits	1,631	991
Other	190	220
Total deferred tax assets	108,328	87,991
Deferred tax liabilities		
Depreciable assets	(676)	(948)
Total deferred tax liabilities	(676)	(948)
Less: Valuation allowance	(107,652)	(87,043)
Deferred tax assets, net	<u>\$ —</u>	<u>\$ —</u>

The Company has established a full federal and state valuation allowance equal to the net deferred tax assets due to uncertainties regarding the realization of the deferred tax asset based on the Company's lack of earnings history. The valuation allowance increased by \$20.6 million, \$16.9 million, and \$20.7 million during the years ended December 31, 2022, 2021, and 2020, respectively, primarily due to continuing loss from operations.

As of December 31, 2022 and 2021, the Company had U.S. net operating loss carryforwards ("NOL") of \$328.2 million and \$307.3 million, respectively. As of December 31, 2022 and 2021, the Company had U.S. tax credit carryforwards of \$21.9 million and \$18.6 million, respectively, and state tax credit carryforwards of \$1.6 million and \$1.0 million, respectively. Of the net operating loss and tax credit carryforwards, \$58.4 million and \$21.9 million, respectively, will expire in 2033, if not utilized. Any remaining net operating loss will carry forward indefinitely and can be utilized to offset up to 80% of the taxable income in any tax year. The net operating loss and credit carryforwards are subject to Internal Revenue Service adjustments until the statute closes on the year the net operating loss or tax credits are utilized.

The Company has not completed a study to assess whether an ownership change has occurred or whether there have been multiple ownership changes since the Company's formation due to the complexity and cost

associated with such a study, and the fact that there may be additional such ownership changes in the future. If the Company has experienced an ownership change at any time since its formation, utilization of the NOL or research and development credit carryforwards would be subject to an annual limitation under Section 382 or 383 of the Internal Revenue Code, which is determined by first multiplying the value of the Company's stock at the time of the ownership change by the applicable long-term, tax-exempt rate, and then could be subject to additional adjustments, as required. Additionally, the separate return limitation year ("SRLY") rules may apply to losses of the Company's eight wholly owned U.S. subsidiary corporations. The SRLY rules limit the consolidated group's use of a subsidiary corporation's net operating losses to the amount of income generated by the subsidiary corporation after it becomes a member of the group. Any limitation may result in expiration of a portion of the NOL or research and development credit carryforwards before utilization. Further, until a study is completed and any limitation known, no amounts are being considered as an uncertain tax position or disclosed as an unrecognized tax benefit. Additionally, the Company does not expect any unrecognized tax benefits to change significantly over the next twelve months. Due to the existence of the valuation allowance, future changes in the Company's unrecognized tax benefits will not impact its effective tax rate. Any carryforwards that will expire prior to utilization as a result of such limitations will be removed from deferred tax assets with a corresponding reduction of the valuation allowance.

The Company is subject to examination by taxing authorities in its significant jurisdictions for the 2018 and subsequent years. However, due to NOL and tax attribute carryovers, the taxing authorities have the ability to adjust the NOLs and other tax attributes related to closed years. As of December 31, 2022 and 2021, there were no amounts recorded for uncertain tax positions. As of December 31, 2022, undistributed earnings of the Company's newly incorporated foreign subsidiaries are immaterial. Under the Global Intangible Low-Taxed Income ("GILTI") provisions of the 2017 Tax Cuts and Jobs Act, U.S. income taxes have been incurred on the undistributed earnings of the foreign subsidiaries and therefore, the tax impact upon distribution is limited to state income and withholding taxes and is not material.

13. Net Loss Per Share

Basic and diluted net loss per share is computed by dividing net loss by the weighted-average number of common stock and pre-funded warrants outstanding during the period. The pre-funded warrants are included in the computation of basic net loss per share as the exercise price is negligible and they are fully vested and exercisable. For periods in which the Company generated a net loss, the Company does not include the potential impact of dilutive securities in diluted net loss per share, as the impact of these items is anti-dilutive.

The following weighted-average equity instruments were excluded from the calculation of diluted net loss per share because their effect would have been anti-dilutive for the periods presented:

	Year Ended December 31,		
	2022	2021	2020
Options to purchase common stock	346,331	264,858	201,977
Unvested restricted stock units	6,982	7,975	4,239

The following is a reconciliation of the shares used as the denominator for the calculation of basic and diluted net loss per share:

	Year Ended December 31,		
	2022	2021	2020
Weighted average common shares	2,307,668	1,956,933	1,608,952
Weighted average pre-funded warrants	1,063,563	672,851	525,917
Total basic and diluted weighted average shares	3,371,231	2,629,784	2,134,869

14. Reverse Stock Split

On September 8, 2023, the Company effected a reverse stock split of its common stock at a ratio of 1-for-25 (the “Reverse Split”). Upon the effectiveness of the Reverse Split, (i) every 25 shares of outstanding common stock were reclassified and combined into one share of common stock, (ii) the number of shares of common stock for which each outstanding option and warrant to purchase common stock is exercisable was proportionally decreased and the exercise price of each outstanding option and warrant to purchase common stock proportionally increased, and (iii) the total number of authorized shares of common stock was proportionally decreased. No fractional shares were issued as a result of the Reverse Split. Accordingly, all share and per share amounts for all periods presented in these financial statements and notes thereto have been adjusted retroactively, where applicable, to reflect the Reverse Split and adjustment of the exercise price of each outstanding option and warrant as if the transaction had occurred as of the beginning of the earliest period presented.

Report of Independent Registered Public Accounting Firm

To the Board of Directors of Aeglea BioTherapeutics, Inc.

Opinion

We have audited the accompanying statement of assets acquired and liabilities assumed from Spyre Therapeutics, Inc. (“Spyre”) by Aeglea BioTherapeutics, Inc. (“Aeglea”) as of June 22, 2023, including the related notes (collectively referred to as the “financial statement”).

In our opinion, the accompanying financial statement presents fairly, in all material respects, the assets acquired and liabilities assumed from Spyre by Aeglea as of June 22, 2023 in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS). Our responsibilities under those standards are further described in the Auditors’ Responsibilities for the Audit of the Financial Statement section of our report. We are required to be independent of Aeglea and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Substantial Doubt about the Company’s Ability to Continue as a Going Concern

The accompanying financial statement has been prepared assuming that Aeglea will continue as a going concern. As discussed in Note 1 to the financial statement, holders of Aeglea Series A Preferred Stock are entitled to require Aeglea to settle their shares of Series A Preferred Stock for cash, and the cash redemption is not in Aeglea’s control, and Aeglea has stated that substantial doubt exists about its ability to continue as a going concern. Management’s evaluation of the events and conditions and management’s plans regarding these matters are also described in Note 1. The financial statement does not include any adjustments that might result from the outcome of the uncertainty. Our opinion is not modified with respect to this matter.

Emphasis of Matter

As described in Note 1 to the accompanying financial statement, the financial statement was prepared in connection with Aeglea’s acquisition of Spyre in accordance with a Securities and Exchange Commission (SEC) waiver received by Aeglea, for the purpose of Aeglea complying with Rule 3-05 of the SEC’s Regulation S-X. The financial statement is not intended to be a complete presentation of the financial position, results of operations, or cash flows of Spyre. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statement

Management is responsible for the preparation and fair presentation of the financial statement in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the financial statement that is free from material misstatement, whether due to fraud or error.

In preparing the financial statement, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Aeglea’s ability to continue as a going concern for one year after the date the financial statement is available to be issued.

Auditors' Responsibilities for the Audit of the Financial Statement

Our objectives are to obtain reasonable assurance about whether the financial statement as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statement.

In performing an audit in accordance with US GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statement, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statement.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Aeglea's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statement.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Aeglea's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

/s/ PricewaterhouseCoopers LLP

Austin, Texas
October 6, 2023

Aeglea BioTherapeutics, Inc.
Statement of Assets Acquired and Liabilities Assumed
from Spyre Therapeutics, Inc. by Aeglea BioTherapeutics, Inc.
(in thousands)

	As of June 22, 2023
ASSETS ACQUIRED	
Current assets:	
Cash and cash equivalents	\$ 3,035
Total current assets	3,035
Total assets acquired	<u>\$ 3,035</u>
LIABILITIES ASSUMED	
Current liabilities:	
Accrued liabilities	\$ 20,047
Total current liabilities	20,047
Total liabilities assumed	20,047
Net liabilities assumed	<u><u>\$ (17,012)</u></u>

See accompanying notes to the Statement of Assets Acquired and Liabilities Assumed
from Spyre Therapeutics, Inc. by Aeglea BioTherapeutics, Inc.

Aeglea BioTherapeutics, Inc.
Notes to Statement of Assets Acquired and Liabilities Assumed
from Spyre Therapeutics, Inc. by Aeglea BioTherapeutics, Inc.

1. Description of the Business and Summary of Significant Accounting Policies

On June 22, 2023, Aeglea BioTherapeutics, Inc. (“Aeglea”, the “Company”, and “our”) acquired, in accordance with the terms of the Agreement and Plan of Merger (the “Acquisition Agreement”), the assets from Spyre Therapeutics, Inc (“Spyre”), a privately held biotechnology company advancing a pipeline of antibody therapeutics through a research and development option agreement (“Paragon Agreement”) with Paragon Therapeutics (“Paragon”). Spyre was incorporated on April 28, 2023, for the purpose of holding rights to certain intellectual property being developed by Paragon.

On September 8, 2023, Aeglea effected a reverse stock split of its Common Stock at a ratio of 1-for-25 (the “Reverse Split”). Except as indicated otherwise, all share numbers related to our Common Stock disclosed in this statement have been adjusted on a post-Reverse Split basis.

The transaction (the “Asset Acquisition”) was structured as a stock-for-stock transaction pursuant to which all of Spyre’s outstanding equity interests were exchanged based on a fixed exchange ratio of 0.5494488 to 1 for consideration from Aeglea of 517,809 shares of common stock and 364,887 shares of Series A non-voting convertible preferred stock, par value of \$0.0001 per share (“Series A Preferred Stock”) (convertible on a 40 to 1 basis) in addition to the assumption of outstanding and unexercised stock options to purchase 2,734 shares of common stock from the Amended and Restated Spyre 2023 Equity Incentive Plan. The Aeglea common stock and the Aeglea Series A Preferred Stock related to the Asset Acquisition were issued to the Spyre stockholders on July 7, 2023.

The Company concluded that the arrangement meets the definition of an asset acquisition rather than a business combination, as substantially all of the fair value of the gross assets acquired is concentrated in a single identifiable asset, Spyre’s option (the “Option”) to exclusively license certain in-process research and development (“IPR&D”). The Company determined that the Option to license IPR&D was a single asset as the Company’s strategy relies on developing a portfolio of combination treatments that simultaneously address different mechanisms of irritable bowel disease. The Company also determined that the pipeline candidates within the portfolio are similar in nature and risk profile. In addition, the Company did not obtain any substantive processes, assembled workforce, or employees capable of producing outputs in connection with the Asset Acquisition.

The Company determined that the cost to acquire the asset was \$113.2 million, which was recorded as acquired IPR&D. The fair value of the consideration issued consisted of the 364,887 shares of Series A Preferred Stock (14,595,480 shares of common stock on an as-converted basis) and 517,809 shares of common stock, valued at \$291.08 per share and \$7.277 per share, respectively.

The Paragon Agreement provided for an annual equity grant of options to purchase 1% of the then outstanding shares of Spyre’s common stock, on a fully diluted basis, on the last business day of each calendar year during the term of the Option, at the fair market value determined by the board of directors of Spyre (the “Parapyre Option Obligation”). In connection with the Asset Acquisition, the Company assumed the rights and obligations of Spyre under the Paragon Agreement, including the Parapyre Option Obligation. As a result, the Parapyre Option Obligation shall continue and Parapyre shall be entitled to receive the equivalent shares of common stock of the Company on the same terms. For additional information, see Note 3.

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The Asset Acquisition costs are shown on the following table (in thousands):

	As of June 22, 2023
Consideration transferred in Series A Preferred Stock and common stock	\$ 109,979
Transaction costs incurred by Aeglea	3,197
Total cost to acquire asset	<u>\$ 113,176</u>

The Company's allocation of the purchase price to net assets acquired is as follows (in thousands):

	As of June 22, 2023
Acquired in-process research and development	\$ 130,188
Cash acquired	3,035
Accrued liabilities	(20,047)
Total cost to acquire asset	<u>\$ 113,176</u>

In accordance with ASC 730-10-25-2(c), intangible assets used in research and developmental activities acquired in an asset acquisition should be expensed at the acquisition date if there is no alternative future use in other R&D projects or otherwise (i.e., if they have no economic value). The Company determined that product candidates pertaining to Spyre had no alternative future use at the time of acquisition and recorded \$130.2 million to Acquired In-process Research and Development Expenses as of the date of acquisition. The difference between this amount and the \$113.2 million cost to acquire Spyre represents the net liabilities assumed of \$17.0 million.

Basis of Presentation

As a result of acquiring Spyre, and based on the criteria in Rule 3-05 of the Securities and Exchange Commission's (the "SEC") Regulation S-X, the Company would ordinarily be required to file certain historical audited financial statements for Spyre and corresponding pro forma financial information pursuant to Article 11 of Regulation S-X. Further, the historical financial statements could require the inclusion of predecessor entity information, if warranted. However, because the Company believes that Spyre's full financial statements are not material to the Company's shareholders and would be of limited value to investors, the Company requested relief from the SEC from the requirements under Rule 3-05 and Article 11 of Regulation S-X to file audited financial statements and pro forma financial information in connection with the acquisition of Spyre. In response to the waiver request, the SEC provided the Company with a waiver that it could file an audited Statement of Assets Acquired and Liabilities Assumed from Spyre Therapeutics, Inc. on the basis of the allocation of the Company's purchase price as of the acquisition date of June 22, 2023. Stand-alone full financial statements related to the assets acquired have not been prepared previously. This financial statement is not intended to be a complete presentation of the financial position, results of operations, or cash flows of Spyre.

The Company determined that it was the acquirer of Spyre under ASC 805 due to the relative voting rights in the combined entity, the composition of the governing body of the combined entity, and the composition of the senior management of the combined entity remaining relatively the same before and after the consummation of the transaction. The Company determined that the future conversion of the Series A Preferred Stock, if approved by the Company's voting shareholders, was an independent event based on it being outside of the control of the Company and therefore substantive. The Company did not succeed to substantially all of Paragon's business nor acquire from Paragon any separately identifiable line of business, the Company concluded that Paragon did not meet the definition of predecessor.

The Company evaluates acquisitions of assets and other similar transactions to assess whether or not the transaction should be accounted for as a business combination or asset acquisition by first applying a screen test to determine whether substantially all of the fair value of the gross assets acquired is concentrated in a single identifiable asset or group of similar identifiable assets. If so, the transaction is accounted for as an asset acquisition. If not, further determination is required as to whether or not the Company has acquired inputs and processes that have the ability to create outputs, which would meet the definition of a business. Significant judgment is required in the application of the screen test to determine whether an acquisition is a business combination or an acquisition of assets.

The Company concluded that the arrangement meets the definition of an asset acquisition rather than a business combination, as substantially all of the fair value of the gross assets acquired is concentrated in a single identifiable asset, Spyre's option to exclusively license IPR&D.

The Company measures and recognizes asset acquisitions that are not deemed to be business combinations based on the cost to acquire the assets, which includes pre-acquisition direct costs recorded in accrued professional and consulting fees. Goodwill is not recognized in asset acquisitions. When a transaction accounted for as an asset acquisition includes an IPR&D asset, the IPR&D asset is only capitalized if it has an alternative future use other than in a particular research and development project. Otherwise, the cost allocated to acquire an IPR&D asset with no alternative future use is charged to expense at the acquisition date.

The Company has not generated any product revenues and has not achieved profitable operations. There is no assurance that profitable operations will ever be achieved, and, if achieved, could be sustained on a continuing basis. In addition, development activities, clinical and nonclinical testing, and commercialization of the Company's product candidates will require significant additional financing before a commercial drug can be produced and marketed.

The Company is subject to a number of risks similar to other life science companies, including, but not limited to, risks related to the successful discovery, development, and commercialization of product candidates, raising additional capital, development of competing drugs and therapies, protection of proprietary technology and market acceptance of the Company's product candidates. As a result of these and other factors and the related uncertainties, there can be no assurance of the Company's future success.

In April 2023, the Board of Directors approved a restructuring of the Company's workforce pursuant to which the Company's workforce was reduced by approximately 83%, retaining approximately 10 employees. Additionally, the Company announced interim results from its ongoing Phase 1/2 clinical trial of pegtarviliase for the treatment of classical homocystinuria. Following a review of the interim results and other business considerations, the Company explored strategic alternatives with the goal of maximizing stockholder value, including possible business combinations and/or a divestiture of the Company's clinical programs.

On June 22, 2023, the Company acquired the net liabilities from Spyre. Additionally, on June 26, 2023, the Company completed a private placement of shares of Series A Preferred Stock and sold an aggregate of 721,452 shares of Series A Preferred Stock for an aggregate purchase price of approximately \$210.0 million before deducting approximately \$12.7 million placement agent and other offering expenses. In accordance with ASC 205-40, Going Concern, in connection with the preparation of the statement of assets acquired and liabilities assumed of Spyre, the Company has evaluated whether there are conditions and events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern within one year after the date the financial statement is available to be issued. Our Series A Preferred Stock agreement requires us to seek stockholder approval for the conversion of the Series A Preferred Stock to Common Stock. The Company has agreed to hold a stockholders' meeting to submit this matter to its stockholders for their consideration. In connection with this, the Company filed with the SEC a preliminary proxy statement and other relevant materials. The stockholder meeting has not occurred as of October 6, 2023. If our stockholders do not timely approve the conversion of our Series A Preferred Stock, then the holders of our Series A Preferred Stock

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are entitled to require us to settle their shares of Series A Preferred Stock for cash at a price per share equal to the fair value of the Series A Preferred Stock, as described in our Certificate of Designation relating to the Series A Preferred Stock. The cash redemption is not in our control and raises substantial doubt about our ability to continue as a going concern. The accompanying financial statement assumes the Company will continue as a going concern through the realization of assets and satisfaction of liabilities and commitments in the ordinary course of business.

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and certain financial statement disclosures. Management bases its estimates on historical experience and on various other market-specific and relevant assumptions that management believes to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets, liabilities, and equity and the amount of revenues and expenses. Actual results could differ significantly from those estimates. Key estimates that management considers in the preparation of the Company's financial statements relate to accrued option costs payable to Paragon and the valuation of consideration transferred. The consideration transferred in acquiring IPR&D in connection with the acquisition of Spyre was comprised of the Company's common stock and shares of Series A preferred stock. To determine the fair value of the equity transferred, the Company considered the per share value of its concurrent private financing transaction, which was an over-subscribed financing event involving a group of investors.

Cash and Cash Equivalents

As of June 22, 2023, Spyre held \$3.0 million in cash and cash equivalents, which consisted of a single deposit account denominated in U.S. dollars. At June 22, 2023, U.S. cash deposits in excess of the Federal Deposit Insurance Corporation's insured limit were \$2.8 million.

Accrued Liabilities

Accrued liabilities primarily consist of research initiation fees, reimbursable expenses under the Paragon Agreement for historical costs incurred by Paragon, professional and consulting fees, and the fair of assumed Parapyre Option Obligation.

2. Accrued liabilities

In connection with the Asset Acquisition, the Company assumed the rights and obligations of Spyre under the Paragon Agreement. Under the Paragon Agreement, Spyre is obligated to compensate Paragon on a quarterly basis for its services performed under each research program based on the actual costs incurred with mark-up costs pursuant to the terms of the Paragon Agreement. As of the date of the Asset Acquisition, Spyre had incurred total expenses of \$19.0 million under the Paragon Agreement since inception, inclusive of a \$3.0 million research initiation fee that was due upon signing of the Paragon Agreement and \$16.0 million of historical reimbursable expenses owed to Paragon. As of June 22, 2023, \$19.0 million was unpaid and was assumed by the Company through the Asset Acquisition.

Accrued liabilities consist of the following (in thousands):

	As of June 22, 2023
Accrued option cost payable to Paragon	\$ 18,987
Accrued professional and consulting fees	917
Fair value of assumed Parapyre Option Obligation (Note 3)	143
Accrued liabilities	<u>\$ 20,047</u>

3. Parapyre Option Obligation

On June 22, 2023, in connection with the Asset Acquisition, the Company assumed the Parapyre Option Obligation which provided for an annual equity grant of options for Parapyre to purchase 1% of the then outstanding shares of Spyre's common stock, on a fully diluted basis, on the last business day of each calendar year during the term of the Paragon Agreement, at the fair market value determined by the board of directors of Spyre. As a result of the Asset Acquisition the Parapyre Option Obligation shall continue and Parapyre shall be entitled to receive the equivalent shares of the Company with the same terms. The Parapyre Option Obligation is considered a Level 2 liability based on observable market data for substantially the full term of the liabilities. The Parapyre Option Obligation is measured each period using a Black-Scholes model to estimate the fair value of the option grant. Changes in the fair value of the Parapyre Option Obligation are recorded as stock-based compensation within Research and development expenses for non-employees who provided pre-clinical testing services within Research and development expenses. As of June 22, 2023, the estimated liability of the Parapyre Option Obligation was \$0.1 million and was included in accrued liabilities.

4. Related Party Transactions

Paragon and Parapyre Holding LLC each beneficially owns less than 5% of the Company's capital stock through their respective holdings of Common Stock and Series A Preferred Stock of the Company. Fairmount Funds Management LLC ("Fairmount") beneficially owns more than 5% of our capital stock, has two seats on the Company's board of directors and beneficially owns more than 5% of Paragon, which is a joint venture between Fairmount and Fair Journey Biologics. Fairmount has appointed Paragon's board of directors and has the contractual right to approve the appointment of any executive officers. Parapyre is an entity formed by Paragon as a vehicle to hold equity in Spyre in order to share profits with certain employees of Paragon.

5. Subsequent Events

The Company's management has evaluated subsequent events up to October 6, 2023, the date the Statement of Assets Acquired and Liabilities Assumed from Spyre, Inc. was available to be issued. There have been no subsequent events that require recognition or disclosure in this financial statement except for the following described below.

On July 7, 2023, the Company issued 517,809 shares of common stock and 364,887 shares of Series A Preferred Stock as part of its consideration transferred in connection with the Asset Acquisition.

On August 8, 2023, the Company filed a preliminary proxy statement with the SEC to solicit approval of the conversion of the Series A Preferred Stock into shares of Common Stock in connection with the Asset acquisition, among other matters, at a special meeting of stockholders.

On September 8, 2023, the Company's Board of Directors approved a reverse stock split of the Company's common stock, par value \$0.0001 per share, at a ratio of 1-for-25 and a reduction in the total number of authorized shares of Common Stock from 500,000,000 shares to 20,000,000 shares.

On September 29, 2023, the Company amended the Paragon Agreement to amend and restate certain terms of the option grant pertaining to the Parapyre Option Obligation, including but not limited to (i) defining that the annual equity grant of options is based on the outstanding shares of Aeglea's common stock, (ii) establishing the grant date as the last business day of each applicable calendar year, and (iii) defining the term of the options granted is ten years. The liability related to the Parapyre Option Obligation will be recorded pursuant to the amended Paragon Agreement on a go forward basis. The Company determined that these amendments would not have materially impacted the liability as of June 22, 2023.

Aeglea BioTherapeutics, Inc.
Condensed Consolidated Balance Sheets
(Unaudited, in thousands, except share and per share amounts)

	September 30, 2023	December 31, 2022
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	\$ 90,592	\$ 34,863
Marketable securities	113,007	20,848
Development receivables	163	375
Prepaid expenses and other current assets	2,187	6,172
Total current assets	205,949	62,258
Restricted cash	1,307	1,553
Property and equipment, net	—	3,220
Operating lease right-of-use assets	—	3,430
Other non-current assets	9	683
TOTAL ASSETS	\$ 207,265	\$ 71,144
LIABILITIES AND STOCKHOLDERS' EQUITY		
CURRENT LIABILITIES		
Accounts payable	\$ 1,678	\$ 677
CVR liability	7,510	—
Operating lease liabilities	—	625
Deferred revenue	—	517
Accrued and other current liabilities	15,861	12,837
Related party accounts payable	19,823	—
Total current liabilities	44,872	14,656
Non-current CVR liability	20,690	—
Non-current operating lease liabilities	—	4,004
Deferred revenue, net of current portion	—	2,179
TOTAL LIABILITIES	65,562	20,839
Commitments and Contingencies (Note 11)		
Series A non-voting convertible preferred stock, \$0.0001 par value; 1,086,341 and no shares authorized as of September 30, 2023 and December 31, 2022, respectively; 1,086,339 and no shares issued and outstanding as of September 30, 2023 and December 31, 2022, respectively	387,105	—
STOCKHOLDERS' (DEFICIT) EQUITY		
Preferred stock, \$0.0001 par value; 8,913,659 shares and 10,000,000 authorized as of September 30, 2023 and December 31, 2022; no shares issued and outstanding as of September 30, 2023 and December 31, 2022	—	—
Common stock, \$0.0001 par value; 20,000,000 shares authorized as of September 30, 2023 and December 31, 2022; 4,048,687 shares and 2,614,014 shares issued and outstanding as of September 30, 2023 and December 31, 2022, respectively	7	6
Additional paid-in capital	455,957	475,971
Accumulated other comprehensive income (loss)	(132)	(48)
Accumulated deficit	(701,234)	(425,624)
TOTAL STOCKHOLDERS' (DEFICIT) EQUITY	(245,402)	50,305
TOTAL LIABILITIES, CONVERTIBLE PREFERRED STOCK AND STOCKHOLDERS' (DEFICIT) EQUITY	\$ 207,265	\$ 71,144

The accompanying notes are an integral part of these condensed consolidated financial statements.

Aeglea BioTherapeutics, Inc.
Condensed Consolidated Statements of Operations
(Unaudited, in thousands, except share and per share amounts)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2023	2022	2023	2022
Revenue:				
Development fee and royalty	\$ —	\$ 174	\$ 886	\$ 2,161
Total revenue	—	174	886	2,161
Operating expenses (income):				
Research and development ⁽¹⁾	24,660	11,977	55,822	44,328
General and administrative	8,584	6,952	25,874	23,452
Acquired in-process research and development	(298)	—	130,188	—
Gain on sale of in-process research and development asset	(14,609)	—	(14,609)	—
Total operating expenses	18,337	18,929	197,275	67,780
Loss from operations	(18,337)	(18,755)	(196,389)	(65,619)
Other (expense) income:				
Interest income	1,251	288	2,021	427
Change in fair value of forward contract liability	(25,360)	—	(83,530)	—
Other income, net	2,342	24	2,262	25
Total other (expense) income	(21,767)	312	(79,247)	452
Loss before income tax expense	(40,104)	(18,443)	(275,636)	(65,167)
Income tax (expense) benefit	(3)	209	26	174
Net loss	\$ (40,107)	\$ (18,234)	\$ (275,610)	\$ (64,993)
Net loss per share, basic and diluted	\$ (9.34)	\$ (4.84)	\$ (69.57)	\$ (20.17)
Weighted-average common shares outstanding, basic and diluted	4,293,812	3,767,918	3,961,546	3,222,987

- (1) Includes \$19.4 million and \$20.8 million in related party expenses for the three and nine months ended September 30, 2023, respectively and no related party expenses for the three and nine months ended September 30, 2022.

The accompanying notes are an integral part of these condensed consolidated financial statements.

Aeglea BioTherapeutics, Inc.
Condensed Consolidated Statements of Comprehensive Loss
(Unaudited, in thousands)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2023	2022	2023	2022
Net loss	<u>\$(40,107)</u>	<u>\$(18,234)</u>	<u>\$(275,610)</u>	<u>\$(64,993)</u>
Other comprehensive (loss) income:				
Foreign currency translation adjustment	(29)	(38)	(1)	(87)
Unrealized (loss) gain on marketable securities	(114)	74	(83)	(77)
Total comprehensive loss	<u>\$(40,250)</u>	<u>\$(18,198)</u>	<u>\$(275,694)</u>	<u>\$(65,157)</u>

The accompanying notes are an integral part of these condensed consolidated financial statements.

Aeglea BioTherapeutics, Inc.
Condensed Consolidated Statements of Changes in
Convertible Preferred Stock and Stockholders' (Deficit) Equity
(Unaudited, in thousands)

	Nine Months Ended September 30, 2023							
	Series A Non-Voting Convertible Preferred Stock		Common Stock		Additional Paid-In Capital	Accumulated Other Comprehensive Income (Loss)	Accumulated Deficit	Total Stockholders' Equity (Deficit)
	Shares	Amount	Shares	Amount				
Balances—December 31, 2022	—	\$ —	2,614	\$ 6	\$ 475,971	\$ (48)	\$ (425,624)	\$ 50,305
Issuance of common stock in connection with employee stock purchase plan	—	—	2	—	18	—	—	18
Stock-based compensation expense	—	—	—	—	1,709	—	—	1,709
Foreign currency translation adjustment	—	—	—	—	—	10	—	10
Unrealized gain on marketable securities	—	—	—	—	—	32	—	32
Net loss	—	—	—	—	—	—	(18,422)	(18,422)
Balances—March 31, 2023	—	\$ —	2,616	\$ 6	\$ 477,698	\$ (6)	\$ (444,046)	\$ 33,652
Issuance of Series A non-voting convertible preferred stock in connection with private placement, net of financing costs	721	197,323	—	—	—	—	—	—
Issuance of common stock forward in connection with the asset acquisition of Spyre	—	—	—	—	3,768	—	—	3,768
Issuance of common stock in connection with exercise of pre-funded warrants	—	—	624	—	—	—	—	—
CVR distribution to common stockholders	—	—	—	—	(29,500)	—	—	(29,500)
Stock-based compensation expense	—	—	—	—	1,775	—	—	1,775
Foreign currency translation adjustment	—	—	—	—	—	18	—	18
Unrealized loss on marketable securities	—	—	—	—	—	(1)	—	(1)
Net loss	—	—	—	—	—	—	(217,081)	(217,081)
Balances—June 30, 2023	721	\$ 197,323	3,240	\$ 6	\$ 453,741	\$ 11	\$ (661,127)	\$ (207,369)
Issuance of Series A non-voting convertible preferred stock in connection with the asset acquisition of Spyre and settlement of related forward contract	365	189,741	—	—	—	—	—	—
Settlement of financing costs in connection with private placement of Series A non-voting convertible preferred stock	—	41	—	—	—	—	—	—
Issuance of common stock in connection with the asset acquisition of Spyre and settlement of related forward contract	—	—	518	1	(1)	—	—	—
Issuance of common stock in connection with exercise of pre-funded warrants	—	—	281	—	—	—	—	—
Issuance of common stock in connection with exercise of stock options and employee stock purchase plan	—	—	10	—	105	—	—	105
Stock-based compensation expense	—	—	—	—	2,112	—	—	2,112
Foreign currency translation adjustment	—	—	—	—	—	(29)	—	(29)
Unrealized loss on marketable securities	—	—	—	—	—	(114)	—	(114)
Net loss	—	—	—	—	—	—	(40,107)	(40,107)
Balances—September 30, 2023	1,086	\$ 387,105	4,049	\$ 7	\$ 455,957	\$ (132)	\$ (701,234)	\$ (245,402)

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	Nine Months Ended September 30, 2022							
	Series A Non-Voting Convertible Preferred Stock		Common Stock		Additional Paid-In Capital	Accumulated Other Comprehensive Income (Loss)	Accumulated Deficit	Total Stockholders' Equity
	Shares	Amount	Shares	Amount				
Balances—December 31, 2021	—	\$ —	1,974	\$ 5	\$425,765	\$ (20)	\$ (341,809)	\$ 83,941
Issuance of common stock in connection with employee stock purchase plan	—	—	3	—	184	—	—	184
Stock-based compensation expense	—	—	—	—	2,101	—	—	2,101
Foreign currency translation adjustment	—	—	—	—	—	(13)	—	(13)
Unrealized loss on marketable securities	—	—	—	—	—	(120)	—	(120)
Net loss	—	—	—	—	—	—	(24,436)	(24,436)
Balances—March 31, 2022	—	\$ —	1,977	\$ 5	\$428,050	\$ (153)	\$ (366,245)	\$ 61,657
Issuance of common stock and pre-funded warrants in connection with registered direct offering, net of offering costs	—	—	430	1	42,872	—	—	42,873
Issuance of common stock in connection with exercise of pre-funded warrants	—	—	40	—	—	—	—	—
Stock-based compensation expense	—	—	—	—	2,017	—	—	2,017
Foreign currency translation adjustment	—	—	—	—	—	(36)	—	(36)
Unrealized loss on marketable securities	—	—	—	—	—	(31)	—	(31)
Net loss	—	—	—	—	—	—	(22,323)	(22,323)
Balances—June 30, 2022	—	\$ —	2,447	\$ 6	\$472,939	\$ (220)	\$ (388,568)	\$ 84,157
Issuance of common stock and pre-funded warrants in connection with registered direct offering, net of offering costs	—	—	10	—	—	—	—	—
Issuance of common stock in connection with exercise of pre-funded warrants	—	—	—	—	(8)	—	—	(8)
Issuance of common stock in connection with employee stock purchase plan	—	—	3	—	38	—	—	38
Stock-based compensation expense	—	—	—	—	1,566	—	—	1,566
Foreign currency translation adjustment	—	—	—	—	—	(38)	—	(38)
Unrealized loss on marketable securities	—	—	—	—	—	74	—	74
Net loss	—	—	—	—	—	—	(18,234)	(18,234)
Balances—September 30, 2022	—	\$ —	2,460	\$ 6	\$474,535	\$ (184)	\$ (406,802)	\$ 67,555

The accompanying notes are an integral part of these condensed consolidated financial statements.

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Aeglea BioTherapeutics, Inc.
Condensed Consolidated Statements of Cash Flows
(Unaudited, in thousands)

	Nine Months Ended September 30,	
	2023	2022
CASH FLOWS FROM OPERATING ACTIVITIES		
Net loss	\$ (275,610)	\$ (64,993)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	744	1,182
Stock-based compensation	8,405	5,684
Acquired in-process research and development	130,188	—
Change in fair value of CVR liability	(1,300)	—
Change in fair value of forward contract liability	83,530	—
Gain on sale of in-process research and development asset	(14,609)	—
Lease ROU asset and leasehold improvement impairment loss	2,580	—
Loss on disposal of long-lived assets	915	—
Amortization of operating lease assets	220	292
Net accretion of discount on marketable securities	(612)	(175)
Other	18	351
Changes in operating assets and liabilities:		
Prepaid expenses and other assets	3,310	(2,863)
Accounts payable	1,001	859
Deferred revenue	575	(897)
Development receivables	212	146
Operating lease liabilities	(2,326)	(297)
Accrued and other liabilities	(4,000)	(1,293)
Related party payable	(2,115)	—
Net cash used in operating activities	<u>(68,874)</u>	<u>(62,004)</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Cash assumed from asset acquisition of Spyre	3,035	—
Proceeds from sale of in-process research & development asset	15,000	—
Purchases of property and equipment	—	(38)
Proceeds from sale of property and equipment	475	—
Purchases of marketable securities	(112,631)	(35,000)
Proceeds from maturities and sales of marketable securities	21,000	78,046
Net cash (used in) and provided by investing activities	<u>(73,121)</u>	<u>43,008</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from issuance of Series A non-voting convertible preferred stock in connection with private placement, net of placement and other offering costs	197,364	—
Proceeds from issuance of common stock and pre-funded warrants in registered direct offering, net of offering costs	—	42,874
Proceeds from employee stock plan purchases and stock option exercises	123	222
Principal payments on finance lease obligation	(16)	(410)
Net cash provided by financing activities	<u>197,471</u>	<u>42,686</u>
Effect of exchange rate on cash, cash equivalents, and restricted cash	7	(152)
NET INCREASE IN CASH, CASH EQUIVALENTS, AND RESTRICTED CASH	55,483	23,538
CASH, CASH EQUIVALENTS, AND RESTRICTED CASH		
Beginning of period	36,416	16,980
End of period	<u>\$ 91,899</u>	<u>\$ 40,518</u>
Supplemental Disclosure of Non-Cash Investing and Financing Information:		
Settlement of forward contract liability and issuance of Series A non-voting convertible preferred stock in connection with the asset acquisition of Spyre	\$ 189,741	\$ —

The accompanying notes are an integral part of these condensed consolidated financial statements.

Aeglea BioTherapeutics, Inc.
Notes to Unaudited Condensed Consolidated Financial Statements

1. The Company and Basis of Presentation

Aeglea BioTherapeutics, Inc. (“Aeglea” or the “Company”) is a preclinical stage biotechnology company focused on developing next generation therapeutics for patients living with inflammatory bowel disease. The Company was formed as a Limited Liability Company (“LLC”) in Delaware on December 16, 2013 under the name Aeglea BioTherapeutics Holdings, LLC and was converted from a Delaware LLC to a Delaware corporation on March 10, 2015. The Company operates in one segment and has its principal offices in Waltham, Massachusetts.

On April 12, 2023, based on the review of the inconclusive interim results from the Company’s Phase 1/2 clinical trial of pegtarviliase for the treatment of classical homocystinuria and other business considerations, the Company announced that it had initiated a process to explore strategic alternatives to maximize stockholder value and engaged an independent exclusive financial advisor to support this process. In April 2023, the Company implemented a restructuring plan resulting in an approximate 83% reduction of the Company’s existing headcount. On September 8, 2023, Aeglea effected a reverse stock split of its common stock at a ratio of 1-for-25 (the “Reverse Split”). All share numbers related to the Company’s common stock disclosed in these financial statements have been adjusted on a post-Reverse Split basis.

On June 22, 2023, the Company acquired, in accordance with the terms of the Agreement and Plan of Merger (the “Acquisition Agreement”), the assets from Spyre Therapeutics, Inc. (“Spyre”), as disclosed in Notes 7 and 8, a privately held biotechnology company advancing a pipeline of antibody therapeutics with the potential to transform the treatment of inflammatory bowel disease through a research and development option agreement (“Paragon Agreement”) with Paragon Therapeutics (“Paragon”). The transaction was structured as a stock-for-stock transaction pursuant to which all of Spyre’s outstanding equity interests were exchanged based on a fixed exchange ratio of 0.5494488 to 1 for consideration from Aeglea of 517,809 shares of common stock and 364,887 shares of Series A non-voting convertible preferred stock, par value of \$0.0001 per share (“Series A Preferred Stock”) (convertible on a 40 to 1 basis) in addition to the assumption of outstanding and unexercised stock options to purchase 2,734 shares of common stock from the Amended and Restated Spyre 2023 Equity Incentive Plan (the “Asset Acquisition”). The Aeglea common stock and Aeglea Series A Preferred Stock related to the Asset Acquisition were issued to the Spyre stockholders on July 7, 2023. For additional information, see Notes 7 and 8.

In connection with the Asset Acquisition, on June 26, 2023, the Company completed a private placement of shares of Series A Preferred Stock (the “PIPE”) to a group of investors (the “Investors”). The Company sold an aggregate of 721,452 shares of Series A Preferred Stock for an aggregate purchase price of approximately \$210.0 million before deducting approximately \$12.7 million in placement agent and other offering expenses (together with the Asset Acquisition, the “Transactions”). For additional information, see Note 9.

In connection with the Asset Acquisition and pursuant to a non-transferable contingent value right (“CVR”) agreement (the “CVR Agreement”) a CVR was distributed to each Aeglea stockholder of record as of the close of business on July 3, 2023 (the “Legacy Stockholders”), but was not distributed to the holders of shares of common stock or Series A Preferred Stock issued to the former stockholders of Spyre or Investors in the Transactions. Holders of the CVRs will be entitled to receive cash payments from proceeds received by Aeglea for a three-year period, if any, related to the disposition or monetization of its legacy assets for a period of one-year following the closing of the Asset Acquisition. For additional information see Note 3.

Liquidity

As of September 30, 2023, the Company had an accumulated deficit of \$701.2 million, and cash, cash equivalents, and marketable securities of \$203.6 million. The Company has not generated any product revenues and has not achieved profitable operations. There can be no assurance that profitable operations will ever be

achieved, and, if achieved, whether it can be sustained on a continuing basis. In addition, development activities, clinical and nonclinical testing, and commercialization of the Company's product candidates will require significant additional financing before a commercial drug can be produced and marketed.

The Company is subject to a number of risks similar to other life science companies, including, but not limited to, risks related to the successful discovery, development, and commercialization of product candidates, raising additional capital, development of competing drugs and therapies, protection of proprietary technology and market acceptance of the Company's product candidates. As a result of these and other factors and uncertainties, there can be no assurance of the Company's future success.

In April 2023, the Board of Directors (the "Board") approved a restructuring of the Company's workforce pursuant to which the Company's workforce was reduced by approximately 83% and the Company retained approximately 10 employees. Following a review of the interim results from its ongoing Phase 1/2 clinical trial of pegtarviliase for the treatment of classical homocystinuria and other business considerations, the Company explored strategic alternatives with the goal of maximizing stockholder value, including possible business combinations and/or a divestiture of the Company's clinical programs.

On June 22, 2023, the Company acquired, in accordance with the terms of the Acquisition Agreement, the net assets of Spyre, as disclosed in Notes 7 and 8. Additionally, the Company completed the PIPE.

In accordance with Accounting Standards Codification ("ASC") 205-40, Going Concern, the Company has evaluated and determined that there are conditions and events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern within one year after the date the accompanying condensed consolidated financial statements included in this Quarterly Report are issued. The Company's Series A Preferred Stock agreement requires it to seek stockholder approval for the conversion of the Series A Preferred Stock to common stock. The Company has agreed to hold a stockholders' meeting to submit this matter to its stockholders for their consideration. In connection with this, the Company filed with the Securities and Exchange Commission ("SEC") a definitive proxy statement and other relevant materials. The special meeting of stockholders is scheduled for November 21, 2023. If the Company's stockholders do not timely approve the conversion of its Series A Preferred Stock into common stock, then the holders of its Series A Preferred Stock are entitled to require the Company to settle their shares of Series A Preferred Stock for cash at a price per share equal to the fair value of the Series A Preferred Stock, as described in the Certificate of Designation relating to the Series A Preferred Stock (see Note 9). The cash redemption is not in the Company's control and raises substantial doubt about the Company's ability to continue as a going concern. The accompanying condensed consolidated financial statements assume the Company will continue as a going concern through the realization of assets and satisfaction of liabilities and commitments in the ordinary course of business.

Unaudited Interim Financial Information

The interim condensed consolidated financial statements included in this Quarterly Report on Form 10-Q are unaudited. The unaudited interim financial statements have been prepared on the same basis as the annual financial statements and reflect, in the opinion of management, all adjustments of a normal and recurring nature that are necessary for a fair statement of the Company's financial position as of September 30, 2023, and its results of operations for the three and nine months ended September 30, 2023 and 2022, changes in convertible preferred stock and stockholders' (deficit) equity for the three and nine months ended September 30, 2023 and 2022, and cash flows for the nine months ended September 30, 2023 and 2022. The results of operations for the three and nine months ended September 30, 2023, are not necessarily indicative of the results to be expected for the year ending December 31, 2023 or for any other future annual or interim period. The December 31, 2022 balance sheet was derived from audited financial statements, but does not include all disclosures required by accounting principles generally accepted in the United States ("U.S. GAAP"). These financial statements should be read in conjunction with the audited financial statements included in the Company's Form 10-K for the year ended December 31, 2022 (the "Annual Report") as filed with the SEC.

2. Summary of Significant Accounting Policies

Other than policies noted below, there have been no significant changes from the significant accounting policies and estimates disclosed in Note 2 of the “Notes to Consolidated Financial Statements” included in our Annual Report on Form 10-K for the year ended December 31, 2022.

These interim condensed consolidated financial statements have been prepared in accordance with U.S. GAAP and SEC instructions for interim financial information, and should be read in conjunction with the Company’s Annual Report. Significant accounting policies and other disclosures normally provided have been omitted since such items are disclosed in the Company’s Annual Report. The Company uses the same accounting policies in preparing quarterly and annual financial statements.

Convertible Preferred Stock Issued through PIPE

The Company records shares of convertible preferred stock at their respective fair values on the dates of issuance, net of issuance costs. The Company has applied the guidance in ASC 480-10-S99-3A as well as SEC Staff Announcement, Classification and Measurement of Redeemable Securities, and has therefore classified the Series A Preferred Stock outside of stockholders’ (deficit) equity because, if conversion to common stock is not approved by the stockholders, the Series A Preferred Stock will be redeemable at the option of the holders for cash equal to the closing price of the common stock on the last trading day prior to the holder’s redemption request. The Company has determined that the conversion and redemption are outside of the Company’s control. Additionally, the Company has determined the conversion and redemption features do not require bifurcation as derivatives.

Acquisitions

The Company evaluates acquisitions of assets and other similar transactions to assess whether or not the transaction should be accounted for as a business combination or asset acquisition by first applying a screen test to determine whether substantially all of the fair value of the gross assets acquired is concentrated in a single identifiable asset or group of similar identifiable assets. If so, the transaction is accounted for as an asset acquisition. If not, further determination is required as to whether or not the Company has acquired inputs and processes that have the ability to create outputs, which would meet the definition of a business. Significant judgment is required in the application of the test to determine whether an acquisition is a business combination or an acquisition of assets.

Acquisitions meeting the definition of business combinations are accounted for using the acquisition method of accounting, which requires that the purchase price be allocated to the net assets acquired at their respective fair values. In a business combination, any excess of the purchase price over the estimated fair values of the net assets acquired is recorded as goodwill.

The Company measures and recognizes asset acquisitions that are not deemed to be business combinations based on the cost to acquire the assets, which includes pre-acquisition direct costs recorded in accrued professional and consulting fees. Goodwill is not recognized in asset acquisitions. When a transaction accounted for as an asset acquisition includes an in-process research and development (“IPR&D”) asset, the IPR&D asset is only capitalized if it has an alternative future use other than in a particular research and development project. Otherwise, the cost allocated to acquire an IPR&D asset with no alternative future use is charged to expense at the acquisition date.

Contingent Value Rights

The Company evaluates its contracts to determine if those contracts qualify as derivatives under ASC 815, Derivatives and Hedging (“ASC 815”). For derivative financial instruments that are accounted for as liabilities, the derivative instrument is initially recorded at its fair value and is then re-valued at each reporting date. Any changes in fair value are recorded as other income or expense for each reporting period. Derivative instrument

liabilities are classified in the balance sheet as current or non-current based on whether or not net-cash settlement of the derivative instrument is probable within the next 12 months from the balance sheet date. The Company determined that certain contingent payments under the CVR Agreement qualified as derivatives under ASC 815, and as such, were recorded as a liability on the balance sheet. This value is then remeasured for future expected payout as well as the increase in fair value due to the time value of money. These gains or losses, if any, are recognized in the consolidated statements of operations and comprehensive loss within Other (expense) income, net.

The Company applies a scenario-based method and weighs them based on the possible achievement of certain milestones. The milestone payments are contingent on formal reimbursement decisions by national authorities in key European markets and pegzilarginase approval by the U.S. Food and Drug Administration (“FDA”), among other events. This fair value measurement is based on significant inputs not observable in the market and thus represents a Level 3 measurement as defined in ASC 820, Fair Value Measurement. The key assumptions used include the discount rate, probability of regulatory success, and reimbursement rates from certain government agencies. The estimated value of the CVR consideration is based upon available information and certain assumptions which the Company’s management believes are reasonable under the circumstances. The ultimate payout under the CVRs may differ materially from the assumptions used in determining the fair value of the CVR consideration.

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the amounts reported in the condensed consolidated financial statements and accompanying notes. Management bases its estimates on historical experience and on various other market-specific and relevant assumptions that management believes to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets, liabilities, and equity and the amount of revenues and expenses. Actual results could differ significantly from those estimates. The most significant estimates and assumptions that management considers in the preparation of the Company’s financial statements relate to the valuation of consideration transferred in acquiring IPR&D; the discount rate, probabilities of success, and timing of estimated cash flows in the valuation of the CVR liability; inputs used in the Black-Scholes model for stock-based compensation expense; estimated future cash flows used in calculating the impairment of right-of-use lease assets; and estimated cost to complete performance obligations related to revenue recognition. The consideration transferred in acquiring IPR&D in connection with the acquisition of Spyre was comprised of shares of the Company’s common stock and shares of Series A Preferred Stock. To determine the fair value of the equity transferred, the Company considered the per share value of the PIPE, which was an over-subscribed financing event involving a group of accredited investors.

Recently Adopted Accounting Pronouncement

The Company early adopted the Financial Accounting Standards Board’s Accounting Standards Update 2020-06, Accounting for Convertible Instruments and Contracts in an Entity’s Own Equity (“ASU 2020-06”), effective as of January 1, 2023 using the modified retrospective method. Among other amendments, ASU 2020-06 eliminates the cash conversion and beneficial conversion feature models in ASC 470-20 that required an issuer of certain convertible debt and preferred stock to separately account for embedded conversion features as a component of equity, as well as changes the accounting for diluted earnings-per-share for convertible instruments and contracts that may be settled in cash or stock. Additionally, ASU 2020-06 requires the if-converted method, which is more dilutive than the treasury stock method, be used for all convertible instruments. The Company applied ASU 2020-06 to all Series A Preferred Stock during fiscal year 2023, and, accordingly, the Company did not apply the cash conversion or beneficial conversion feature models in its analysis of the Series A Preferred Stock.

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3. Fair Value Measurements

The Company measures and reports certain financial instruments as assets and liabilities at fair value on a recurring basis. The following tables set forth the fair value of the Company's financial assets and liabilities at fair value on a recurring basis based on the three-tier fair value hierarchy (in thousands):

	September 30, 2023			
	Level 1	Level 2	Level 3	Total
Financial Assets:				
Money market funds	\$55,451	\$ —	\$ —	\$ 55,451
Commercial paper	—	107,093	—	107,093
Corporate bonds	—	22,828	—	22,828
Total financial assets	\$55,451	\$ 129,921	\$ —	\$ 185,372
Liabilities:				
Parapyre Option Obligation	\$ —	\$ 2,952	\$ —	\$ 2,952
CVR liability	—	—	28,200	28,200
Total liabilities	\$ —	\$ 2,952	\$ 28,200	\$ 31,152

	December 31, 2022			
	Level 1	Level 2	Level 3	Total
Financial Assets:				
Money market funds	\$15,250	\$ —	\$ —	\$ 15,250
Commercial paper	—	23,641	—	23,641
U.S. government securities	—	4,230	—	4,230
Corporate bonds	—	3,732	—	3,732
Total financial assets	\$15,250	\$ 31,603	\$ —	\$ 46,853

The Company measures the fair value of money market funds on quoted prices in active markets for identical assets or liabilities. The Level 2 assets include commercial paper, U.S. government securities and corporate bonds and are valued based on quoted prices for similar assets in active markets and inputs other than quoted prices that are derived from observable market data. The Company evaluates transfers between levels at the end of each reporting period.

The Parapyre Option Obligation (as defined in Note 6) is considered a Level 2 liability based on observable market data for substantially the full term of the liability. The Parapyre Option Obligation is measured each period using a Black-Scholes model to estimate the fair value of the option grant. Changes in the fair value of the Parapyre Option Obligation are recorded as stock-based compensation within Research and development expenses for non-employees who provided pre-clinical testing services.

The CVR liability value is based on significant inputs not observable in the market such as estimated cash flows, estimated probabilities of success, and risk-adjusted discount rates, which represent a Level 3 liability.

As of December 31, 2022, the Company had no financial liabilities outstanding measured at fair value.

Forward Contract Liability

In connection with the Asset Acquisition, the Company entered into a contract for the issuance of 364,887 shares of Series A Preferred Stock as part of the consideration transferred. This forward contract was classified as a liability because the underlying preferred shares were contingently redeemable. Further, the forward contract liability was considered a Level 2 liability based on observable market data for substantially the full term of the liability and was initially measured at its estimated fair value on the transaction date based on the underlying

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price per share on an as-converted basis of the Series A Preferred Stock issued in the PIPE. Subsequent remeasurement of the fair value of the forward contract liability through its settlement date was based on the market price of the Company's common stock, which represents the redemption value of the Series A Preferred Stock.

The fair value of the forward contract at the transaction date, June 22, 2023, was \$106.2 million. The liability was settled with the issuance of the Series A Preferred Stock on July 7, 2023 for \$189.7 million. For the three and nine months ended September 30, 2023, \$25.4 million and \$83.5 million, respectively, was recorded as Other (expense) income in the consolidated statements of operations in connection with the change in fair value of the forward contract liability.

The following table presents changes in the forward contract liability for the periods presented (in millions):

	Forward Contract Liability
Beginning balance as of June 22, 2023	\$ 106.2
Change in fair value	58.1
Ending balance as of June 30, 2023	164.3
Change in fair value	25.4
Issuance of Series A Preferred Stock on July 7, 2023	(189.7)
Ending balance as of September 30, 2023	\$ —

Parapyre Option Obligation

On June 22, 2023, in connection with the Asset Acquisition, the Company assumed the Parapyre Option Obligation which provided for an annual equity grant of options for Parapyre Holding LLC ("Parapyre") to purchase 1% of the then outstanding shares of Spyre's common stock, on a fully diluted basis, on the last business day of each calendar year during the term of the Paragon Agreement, at the fair market value determined by the board of directors of Spyre.

On September 29, 2023, the Company amended the Paragon Agreement to amend and restate certain terms of the option grant pertaining to the Parapyre Option Obligation, including but not limited to (i) defining that the annual equity grant of options is based on the outstanding shares of Aeglea's common stock, (ii) establishing the grant date as the last business day of each applicable calendar year, and (iii) defining the term of the options granted as ten years. The liability related to the Parapyre Option Obligation will be recorded pursuant to the amended Paragon Agreement. As of September 30, 2023, the pro-rated estimated fair value of the options to be granted on December 31, 2023, was approximately \$3.0 million, of which \$0.1 million was recognized as part of the liabilities assumed with the Asset Acquisition on June 22, 2023. For the three and nine months ended September 30, 2023, \$2.7 million and \$2.9 million, respectively, was recognized as stock compensation expense related to the Parapyre Option Obligation.

CVR Liability

In connection with the Asset Acquisition, a non-transferable contingent value right (a "CVR") was distributed to Aeglea stockholders of record as of the close of business on July 3, 2023, but was not distributed to holders of shares of Common Stock or Series A Preferred Stock issued to the Investors or former stockholders of Spyre in connection with the Transactions. Holders of the CVR will be entitled to receive certain cash payments from proceeds received by the Company for a three-year period, if any, related to the disposition or monetization of Aeglea's legacy assets for a period of one year following the closing of the Asset Acquisition.

The fair value of the CVR liability was determined using the probability weighted discounted cash flow method to estimate future cash flows associated with the sale of the legacy assets. Analogous to a dividend being

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declared/approved in one period and paid out in another, the liability was recorded at the date of approval, June 22, 2023, as a common stock dividend, returning capital to the Legacy Stockholders. Changes in fair value of the liability will be recognized as a component of Other income (expense) in the condensed consolidated statement of operations and comprehensive loss in each reporting period. The liability value is based on significant inputs not observable in the market such as estimated cash flows, estimated probabilities of success, and risk-adjusted discount rates, which represent a Level 3 measurement within the fair value hierarchy. The significant inputs used to estimate the fair value of the CVR liability were as follows:

	September 30, 2023
Estimated cash flow dates	11/28/23 - 06/22/26
Estimated probability of success	27% - 100%
Risk-adjusted discount rates	7.14% - 7.57%

The change in fair value between June 30, 2023 and September 30, 2023 was a \$1.3 million decrease, and was primarily driven by changes in the likelihood of a successful disposition of pegtarviliase, changes in the expected timing of achievement of certain milestones, updates to expenses and deductions, partially offset by changes in the likelihood of certain milestones related to the favorable Committee for Medicinal Products Human Use (“CHMP”) opinion received by Immedica Pharma AB (“Immedica”).

The following table presents changes in the CVR liability for the periods presented (in thousands):

	CVR Liability
Beginning balance as of December 31, 2022	\$ —
Fair value at CVR issuance	29,500
Changes in the fair value of the CVR liability since issuance	\$ (1,300)
Ending Balance as of September 30, 2023	<u>\$ 28,200</u>

4. Cash Equivalents and Marketable Securities

The following tables summarize the estimated fair value of the Company’s cash equivalents and marketable securities and the gross unrealized gains and losses (in thousands):

	September 30, 2023			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
Cash equivalents:				
Money market funds	\$ 55,451	\$ —	\$ —	\$ 55,451
Commercial paper	16,911	3	—	16,914
Total cash equivalents	<u>\$ 72,362</u>	<u>\$ 3</u>	<u>\$ —</u>	<u>\$ 72,365</u>
Marketable securities:				
Commercial paper	\$ 90,272	\$ —	\$ (93)	\$ 90,179
Corporate bonds	22,849	1	(22)	22,828
U.S. government securities	—	—	—	—
Total marketable securities	<u>\$113,121</u>	<u>\$ 1</u>	<u>\$ (115)</u>	<u>\$113,007</u>

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	December 31, 2022			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
Cash equivalents:				
Money market funds	\$ 15,250	\$ —	\$ —	\$ 15,250
Commercial paper	7,021	1	(2)	7,020
U.S. government securities	3,736	—	(1)	3,735
Total cash equivalents	<u>\$ 26,007</u>	<u>\$ 1</u>	<u>\$ (3)</u>	<u>\$ 26,005</u>
Marketable securities:				
Commercial paper	\$ 16,644	\$ 2	\$ (25)	\$ 16,621
Corporate bonds	3,738	—	(6)	3,732
U.S. government securities	495	—	—	495
Total marketable securities	<u>\$ 20,877</u>	<u>\$ 2</u>	<u>\$ (31)</u>	<u>\$ 20,848</u>

The following table summarizes the available-for-sale securities in an unrealized loss position for which an allowance for credit losses has not been recorded as of September 30, 2023 and December 31, 2022, aggregated by major security type and length of time in a continuous unrealized loss position:

	September 30, 2023					
	Less Than 12 Months		12 Months or Longer		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Commercial paper	\$78,820	\$ (93)	\$—	\$ —	\$78,820	\$ (93)
U.S. government securities	—	—	—	—	—	\$ —
Corporate bonds	18,373	(22)	—	—	18,373	(22)
Total marketable securities	<u>\$97,193</u>	<u>\$ (115)</u>	<u>\$—</u>	<u>\$ —</u>	<u>\$97,193</u>	<u>\$ (115)</u>

	December 31, 2022					
	Less Than 12 Months		12 Months or Longer		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Commercial paper	\$17,699	\$ (27)	\$—	\$ —	\$17,699	\$ (27)
U.S. government securities	3,735	(1)	—	—	3,735	\$ (1)
Corporate bonds	3,732	(6)	—	—	3,732	(6)
Total marketable securities	<u>\$25,166</u>	<u>\$ (34)</u>	<u>\$—</u>	<u>\$ —</u>	<u>\$25,166</u>	<u>\$ (34)</u>

The Company evaluated its securities for credit losses and considered the decline in market value to be primarily attributable to current economic and market conditions and not to a credit loss or other factors. Additionally, the Company does not intend to sell the securities in an unrealized loss position and does not expect it will be required to sell the securities before recovery of the unamortized cost basis. As of September 30, 2023 and December 31, 2022, an allowance for credit losses had not been recognized. Given the Company's intent and ability to hold such securities until recovery, and the lack of significant change in credit risk of these investments, the Company does not consider these marketable securities to be impaired as of September 30, 2023 and December 31, 2022.

The financial instruments that potentially subject the Company to a concentration of credit risk consist principally of cash deposits. Accounts at each of our three U.S. banking institutions are insured by the Federal Deposit Insurance Corporation ("FDIC") up to \$250,000 per depositor. At September 30, 2023 and December 31,

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2022, the Company had \$16.9 million and \$23.5 million, respectively, of U.S. cash deposits in excess of the FDIC insured limit. Uninsured foreign cash deposits were immaterial for both periods.

There were no realized gains or losses on marketable securities for the three and nine months ended September 30, 2023 and 2022. Interest on marketable securities is included in interest income. Accrued interest receivable on available-for-sale debt securities at September 30, 2023 and December 31, 2022 was \$0.4 million and \$0.1 million, respectively.

The following table summarizes the contractual maturities of the Company's marketable securities at estimated fair value (in thousands):

	September 30, 2023	December 31, 2022
Due in one year or less	\$ 102,518	\$ 20,848
Due thereafter	10,489	—
Total marketable securities	<u>\$ 113,007</u>	<u>\$ 20,848</u>

The Company may sell investments at any time for use in current operations even if they have not yet reached maturity. As a result, the Company classifies marketable securities, including securities with maturities beyond twelve months as current assets.

5. Accrued and Other Current Liabilities

Accrued and other current liabilities consist of the following (in thousands):

	September 30, 2023	December 31, 2022
Accrued compensation	\$ 5,368	\$ 4,589
Accrued contracted research and development costs	6,669	6,972
Accrued professional and consulting fees	3,484	946
Accrued other	340	330
Total accrued and other current liabilities	<u>\$ 15,861</u>	<u>\$ 12,837</u>

6. Related Party Transactions

Paragon and Parapyre Holding LLC each beneficially owns less than 5% of the Company's capital stock through their respective holdings of the Company's common stock and Series A Preferred Stock. Fairmount Funds Management LLC ("Fairmount") beneficially owns more than 5% of the Company's capital stock, has two seats on the Board and beneficially owns more than 5% of Paragon, which is a joint venture between Fairmount and Fair Journey Biologics. Fairmount appointed Paragon's board of directors and has the contractual right to approve the appointment of any executive officers. Parapyre is an entity formed by Paragon as a vehicle to hold equity in Spyre in order to share profits with certain employees of Paragon.

In connection with the Asset Acquisition, the Company assumed the rights and obligations of Spyre under the Paragon Agreement. Under the Paragon Agreement, Spyre is obligated to compensate Paragon for its services performed under each research program based on the actual costs incurred with mark-up costs pursuant to the terms of the Paragon Agreement. As of the date of the Asset Acquisition, Spyre had incurred total expenses of \$19.0 million under the Paragon Agreement since inception, inclusive of a \$3.0 million research initiation fee that was due upon signing of the Paragon Agreement and \$16.0 million of reimbursable expenses under the Paragon Agreement for historical costs owed to Paragon. As of the acquisition date, \$19.0 million was unpaid and was assumed by the Company through the Asset Acquisition.

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For the three and nine months ended September 30, 2023, the Company recognized expenses related to services provided by Paragon subsequent to the Asset Acquisition totaling \$19.4 million and \$20.8 million, respectively, which were recorded as Research and development expenses in the consolidated statements of operations. As of September 30, 2023, \$16.8 million was unpaid and was included in Related party payable on the Company's consolidated balance sheets.

For the three and nine months ended September 30, 2023, the Company made payments totaling \$20.0 million to Paragon.

In July 2023, the Company exercised its option for the SPY001 program with the remaining three options for the SPY002, SPY003, SPY004 programs remaining outstanding. Following the execution of the license agreement with respect to the SPY001 program (the "SPY001 License Agreement"), the Company will be obligated to pay Paragon up to \$22.0 million upon the achievement of specific development and clinical milestones for the first product under the SPY001 License Agreement that achieves such specified milestones.

The following is the summary of expenses related to the Paragon Agreement, which were ultimately settled in cash (in millions):

	Three Months Ended September 30,		Nine Months Ended September 30,		Financial Statement Line Item
	2023	2022	2023	2022	
Reimbursable costs under the Paragon Agreement	\$ 16.7	\$ —	\$ 17.9	\$ —	Research and development

Parapyre Option Obligation

The Paragon Agreement provided for an annual equity grant of options to purchase 1% of the then outstanding shares of Spyre's common stock, on a fully diluted basis, on the last business day of each calendar year, at the fair market value determined by the board of directors of Spyre (the "Parapyre Option Obligation").

In connection with the Asset Acquisition, the Company assumed the rights and obligations of Spyre under the Paragon Agreement, including the Parapyre Option Obligation. As a result, the Parapyre Option Obligation shall continue and Parapyre shall be entitled to receive the equivalent shares of the Company with the same terms. On September 29, 2023, the Company amended the Paragon Agreement to amend and restate certain terms of the option grant pertaining to the Parapyre Option Obligation, including but not limited to (i) defining that the annual equity grant of options is based on the outstanding shares of Aeglea's common stock, (ii) establishing the grant date as the last business day of each applicable calendar year, and (iii) defining the term of the options granted as ten years. See Notes 3 and 10 for disclosures related to the Parapyre Option Obligation. For the three and nine months ended September 30, 2023, \$2.7 million and \$2.9 million, respectively, was recognized as stock compensation expense related to the Parapyre Option Obligation.

The following is the summary of Related party accounts payable (in millions):

	September 30, 2023	December 31, 2022
Reimbursable costs under the Paragon Agreement	\$ 16.8	\$ —
Parapyre Option Obligation liability	3.0	—
Total related party accounts payable	<u>\$ 19.8</u>	<u>\$ —</u>

7. Asset Acquisition

On June 22, 2023, the Company acquired Spyre pursuant to the Acquisition Agreement, by and among the Company, Aspen Merger Sub I, Inc., a Delaware corporation and a wholly owned subsidiary of the Company

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(“First Merger Sub”), Sequoia Merger Sub II, LLC, a Delaware limited liability company and wholly owned subsidiary of the Company (“Second Merger Sub”), and Spyre. Pursuant to the Acquisition Agreement, First Merger Sub merged with and into Spyre, pursuant to which Spyre was the surviving corporation and became a wholly owned subsidiary of the Company (the “First Merger”). Immediately following the First Merger, Spyre merged with and into Second Merger Sub, pursuant to which Second Merger Sub became the surviving entity. Spyre was a pre-clinical stage biotechnology company that was incorporated on April 28, 2023 under the direction of Peter Harwin, a Managing Member of Fairmount, for the purpose of holding rights to certain intellectual property being developed by Paragon. Fairmount is a founder of Paragon.

The Company completed the Asset Acquisition of Spyre, in accordance with the terms of the Acquisition Agreement. Under the terms of the Acquisition Agreement, the Company issued 517,809 shares of common stock and 364,887 shares of Series A Preferred Stock to former Spyre security holders. In addition, outstanding and unexercised stock options to purchase 2,734 shares of common stock were assumed from the Amended and Restated Spyre 2023 Equity Incentive Plan.

At the acquisition date, the Company recorded forward contracts to represent the obligation to issue shares of the Company’s common stock and shares of Series A Preferred Stock, respectively. The forward contract related to the common stock was recorded as Additional paid-in capital as the instrument is indexed to the Company’s common stock. The forward contract related to the Series A Preferred Stock was recorded as a liability, as the underlying stock has a cash redemption feature. On July 7, 2023, both the shares of common stock and Series A Preferred Stock were issued and the forward contract liability associated with the Series A Preferred Stock was settled accordingly.

The Company concluded that the arrangement meets the definition of an asset acquisition rather than a business combination, as substantially all of the fair value of the gross assets acquired is concentrated in a single identifiable asset, Spyre’s option (the “Option”) to exclusively license IPR&D. The Company determined that the Option to license IPR&D was a single asset as the Company’s strategy relies on developing the entire portfolio of individual treatments to create combination treatments that simultaneously address different mechanisms of irritable bowel disease with a single treatment. The Company also determined that the pipeline candidates within the portfolio are similar in nature and risk profile. In addition, the Company did not obtain any substantive processes, assembled workforce, or employees capable of producing outputs in connection with the Asset Acquisition.

The Company determined that the cost to acquire the asset was \$113.2 million which was recorded as acquired IPR&D. The fair value of the consideration issued consisted of the 364,887 shares of Series A Preferred Stock (14,595,480 shares of common stock on an as-converted basis) and 517,809 shares of common stock, valued at \$291.08 per share and \$7.277 per share, respectively.

The Asset Acquisition Costs are shown on the following table (in millions):

	June 22, 2023
Consideration transferred in Series A Preferred Stock and common stock	\$110.0
Transaction costs incurred by Aeglea	3.2
Total cost to acquire asset	<u>\$113.2</u>

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The allocation of the purchase price to net assets acquired is as follows:

	June 22, 2023
Acquired in-process research and development	\$130.2
Cash acquired	3.0
Assumed liabilities	(20.0)
Total cost to acquire asset	<u>\$113.2</u>

8. Paragon Agreement

In May 2023, Spyre entered into the Paragon Agreement with Paragon and Parapyre. In consideration for the Option granted under the Paragon Agreement, Spyre was obligated to pay Paragon an upfront cash amount of \$3.0 million in research initiation fees. In addition, Spyre was obligated to compensate Paragon on a quarterly basis for its services performed under each research program based on the actual costs incurred with mark-up costs pursuant to the terms of the Paragon Agreement. As of the date of the Asset Acquisition, Spyre had incurred total expenses of \$19.0 million under the Paragon Agreement since inception, which included the \$3.0 million research initiation fee and \$16.0 million of historical reimbursable expenses owed to Paragon. As of June 22, 2023, \$19.0 million was unpaid and was assumed by the Company through the Asset Acquisition. Furthermore, the Paragon Agreement provided for an annual equity grant of options to purchase 1% of the then outstanding shares of Spyre's common stock, on a fully diluted basis, on the last business day of each calendar year, during the term of the Paragon Agreement, at the fair market value determined by the board of directors of Spyre.

As a result of the Asset Acquisition, the Company assumed the rights and obligations of Spyre under the Paragon Agreement, including the Parapyre Option Obligation. Pursuant to the Paragon Agreement, on a research program-by-research program basis following the finalization of the research plan for each respective research program, the Company is required to pay Paragon a nonrefundable fee in cash of \$0.8 million. For the three and nine months ended September 30, 2023, the Company incurred \$19.4 million and \$20.8 million, respectively, in costs reimbursable to Paragon, which were recorded as Research and development expenses in the consolidated statements of operations.

For the three and nine months ended September 30, 2023, the Company made payments totaling \$20.0 million to Paragon.

On July 12, 2023, the Company exercised its Option available under the Paragon Agreement with respect to the SPY001 research program and expects to enter into a SPY001 license agreement (the "SPY001 License Agreement"). The Company's Option available under the Paragon Agreement with respect to the SPY002, SPY003 and SPY004 programs remains unexercised.

Following the execution of the SPY001 License Agreement, the Company will be obligated to pay Paragon up to \$22.0 million upon the achievement of specific development and clinical milestones for the first product under the SPY001 License Agreement that achieves such specified milestones. Upon execution of the SPY001 License Agreement, the Company expects to pay Paragon a \$1.5 million fee for nomination of a development candidate, and the Company expects to be obligated to make a further milestone payment of \$2.5 million upon the first dosing of a human patient in a Phase 1 trial. Subject to the execution of the Option with respect to the SPY002, SPY003 or SPY004 research programs, the Company expects to be obligated to make similar payments upon and following the execution of license agreements with respect to these research programs, respectively.

9. Series A Non-Voting Convertible Preferred Stock

On June 22, 2023, the Company filed a Certificate of Designation of Preferences, Rights and Limitations of the Series A Preferred Stock with the Secretary of State of the State of Delaware (the "Certificate of Designation") in connection with the Asset Acquisition and the PIPE.

Pursuant to the Certificate of Designation, holders of Series A Preferred Stock are entitled to receive dividends on shares of Series A Preferred Stock equal to, on an as-if-converted-to-common-stock basis, and in the same form as, dividends actually paid on shares of the Company's common stock. Except as provided in the Certificate of Designation or as otherwise required by law, the Series A Preferred Stock does not have voting rights. However, as long as any shares of Series A Preferred Stock are outstanding, the Company will not, without the affirmative vote of the holders of a majority of the then outstanding shares of the Series A Preferred Stock: (a) alter or change adversely the powers, preferences or rights given to the Series A Preferred Stock, or alter or amend the Certificate of Designation, amend or repeal any provision of, or add any provision to, the Company's Certificate of Incorporation or its Bylaws, or file any articles of amendment, certificate of designations, preferences, limitations and relative rights of any series of Preferred Stock, if such action would adversely alter or change the preferences, rights, privileges or powers of, or restrictions provided for the benefit of the Series A Preferred Stock, regardless of whether any of the foregoing actions will be by means of amendment to the Certificate of Incorporation or by merger, consolidation, recapitalization, reclassification, conversion or otherwise, (b) issue further shares of Series A Preferred Stock or increase or decrease (other than by conversion) the number of authorized shares of Series A Preferred Stock, (c) prior to the stockholder approval of the conversion of the Series A Preferred Stock into shares of Common Stock in accordance with Nasdaq Stock Market Rules (the "Conversion Proposal") or at any time while at least 30% of the originally issued Series A Preferred Stock remains issued and outstanding, consummate (x) any Fundamental Transaction (as defined in the Certificate of Designation) or (y) any merger or consolidation of the Company with or into another entity or any stock sale to, or other business combination in which our stockholders immediately before such transaction do not hold at least a majority of our capital stock immediately after such transaction or (d) enter into any agreement with respect to any of the foregoing. The Series A Preferred Stock does not have a preference upon any liquidation, dissolution or winding-up of the Company.

The Company has agreed to hold a stockholders' meeting to submit the following matters to its stockholders for their consideration: (i) the approval of the Conversion Proposal, and (ii) if deemed necessary or appropriate by the Company or as otherwise required by law or contract, the approval of an amendment to the Certificate of Incorporation to authorize sufficient shares of common stock for the conversion of the Series A Preferred Stock issued pursuant to the Acquisition Agreement. In connection with these matters, the Company filed with the SEC a definitive proxy statement and other relevant materials. The stockholder meeting has not occurred as of September 30, 2023. The Series A Preferred Stock is recorded outside of stockholders' (deficit) equity because, if conversion to common stock is not approved by the stockholders, the Series A Preferred Stock will be redeemable at the option of the holders for cash equal to the closing price of the common stock per share of common stock underlying the Series A Preferred Stock, on the last trading day prior to the holder's redemption request. As of September 30, 2023, the redemption value of the Company's outstanding Series A Preferred Stock was \$532.3 million based on the closing stock price of the Company's common stock on September 30, 2023 of \$12.25 per share. The Company has determined that the conversion and redemption features of the Series A Preferred Stock do not require bifurcation as derivatives.

Following stockholder approval of the Conversion Proposal, each share of Series A Preferred Stock will automatically convert into 40 shares of common stock, subject to certain limitations, including that a holder of Series A Preferred Stock is prohibited from converting shares of Series A Preferred Stock into shares of common stock if, as a result of such conversion, such holder, together with its affiliates, would beneficially own more than a specified percentage (established by the holder between 0% and 19.99%) of the total number of shares of common stock issued and outstanding immediately after giving effect to such conversion.

On June 26, 2023, the Company completed a private placement of 721,452 shares of Series A Preferred Stock in exchange for gross proceeds of \$210.0 million, or net proceeds of \$197.3 million, after deducting placement agent and other offering costs.

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On July 7, 2023, the Company issued 364,887 shares of Series A Preferred Stock as part of its consideration transferred in connection with the Asset Acquisition that closed on June 22, 2023 which settled the related forward contract liability. For additional information, see Note 3.

On October 27, 2023, the Company filed a definitive proxy statement with the SEC to solicit approval of the Conversion Proposal, among other matters, at a special meeting of stockholders to be held on November 21, 2023.

10. Liabilities, Convertible Preferred Stock and Stockholders' (Deficit) Equity

Registered Direct Offering

In May 2022, the Company issued and sold 430,107 shares of common stock at an offering price of \$40.00 per share and pre-funded warrants to purchase up to 694,892 shares of common stock at an offering price of \$39.9975 per warrant (representing the price per share of common stock sold in the offering minus the \$0.0025 exercise price per warrant) in a registered direct offering pursuant to a shelf registration statement on Form S-3. The net proceeds to the Company from this offering were approximately \$42.9 million, after deducting placement agent fees and offering costs of \$2.1 million.

Pre-Funded Warrants

In February 2019, April 2020 and May 2022, the Company issued pre-funded warrants to purchase the Company's common stock in underwritten public offerings at the offering price of the common stock, less the \$0.0025 per share exercise price of each warrant. The warrants were recorded as a component of stockholders' (deficit) equity within additional paid-in capital and have no expiration date. Per the terms of the warrant agreements, the outstanding warrants to purchase shares of common stock may not be exercised if the holder's ownership of the Company's common stock would exceed 4.99% ("Maximum Ownership Percentage"), or 9.99% for certain holders. By written notice to the Company, each holder may increase or decrease the Maximum Ownership Percentage to any other percentage (not in excess of 19.99% for the majority of such warrants). The revised Maximum Ownership Percentage would be effective 61 days after the notice is received by the Company.

As of September 30, 2023, the following pre-funded warrants for common stock were issued and outstanding:

<u>Issue Date</u>	<u>Expiration Date</u>	<u>Exercise Price</u>	<u>Number of Warrants Outstanding</u>
February 8, 2019	None	\$ 0.0025	—
April 30, 2020	None	\$ 0.0025	—
May 20, 2022	None	\$ 0.0025	250,000
Total pre-funded warrants			<u>250,000</u>

Stock-Based Compensation

2016 Equity Incentive Plan

The 2016 Equity Incentive Plan ("2016 Plan") provides for an automatic increase in the number of shares reserved for issuance thereunder on January 1 of each year for the remaining term of the plan (through 2028) equal to (a) 4.0% of the number of issued and outstanding shares of common stock on December 31 of the immediately preceding year, or (b) a lesser amount as approved by the Board each year. As a result of this provision, on January 1, 2023 and January 1, 2022, an additional 104,560 and 78,968 shares, respectively, became available for issuance under the 2016 Plan.

In July 2020, the Company granted 9,128 restricted stock units ("RSUs") to certain employees, with vesting terms subject to regulatory, commercial, and clinical milestones, in addition to a service condition. As of

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September 30, 2023, none of these RSUs had vested and all RSUs were forfeited since the performance milestones were not met within the required time frame. No stock-based compensation expense was recognized on these awards.

On June 22, 2023, concurrent with the closing of the Asset Acquisition, the Board approved an amendment of the 2016 Plan to eliminate the per-participant annual award limits originally intended to comply with the qualified performance-based compensation exception set forth in Section 162(m) of the Internal Revenue Code, in light of the repeal of such exception pursuant to the Tax Cuts and Jobs Act of 2017. In addition, the Company approved 2,720,033 options contingent on stockholder approval to certain members of the Board, legacy Aeglea employees and consultants under the 2016 Plan. These awards are in excess of the shares available for issuance under the 2016 Plan and require stockholder approval before being granted. Accordingly, no expense has been recognized on these contingent awards since they are contingent on stockholder approval.

As of September 30, 2023, the 2016 Plan had 293,497 shares available for future issuance.

2018 Equity Inducement Plan

During the nine months ended September 30, 2023, the Board approved an increase of 2,800,000 in the number of shares reserved for issuance to the 2018 Equity Inducement Plan and granted 3,583,880 inducement awards to new hires. The grant-date fair value of these inducement awards will be recognized as expense on a pro-rata basis over the vesting period.

The awards have an exercise price equal to the grant date closing price of the Company's common stock, vest ratably over four years, and have a ten-year exercise period from the grant date.

Spyre 2023 Equity Incentive Plan

On June 22, 2023, in connection with the Asset Acquisition, the Company assumed the Amended and Restated Spyre 2023 Equity Incentive Plan (the "Spyre Equity Plan") and its outstanding and unexercised stock options, which were converted to options to purchase 2,734 shares of Aeglea common stock. The acquisition-date fair value of these grants will be recognized as an expense on a pro-rata basis over the vesting period.

Parapyre Option Obligation

On June 22, 2023, in connection with the Asset Acquisition, the Company assumed the Parapyre Option Obligation which provided for an annual equity grant of options to purchase 1% of the then outstanding shares of Spyre's common stock, on a fully diluted basis, on the last business day of each calendar year during the term of the Paragon Agreement, at the fair market value determined by the board of directors of Spyre. As a result of the Asset Acquisition the Parapyre Option Obligation shall continue and Parapyre shall be entitled to receive the equivalent shares of the Company with the same terms. As of September 30, 2023, the pro-rated estimated fair value of the options to be granted on December 31, 2023, was approximately \$3.0 million, of which \$0.1 million was recognized as part of the liabilities assumed with the Asset Acquisition. For the three and nine months ended September 30, 2023, \$2.7 million and \$2.9 million, respectively, was recognized as stock compensation expense related to the Parapyre Option Obligation. As of September 30, 2023, the unamortized expense related to the Parapyre Option Obligation was \$2.1 million.

The following table summarizes the Company's stock awards granted under all plans for each of the periods indicated:

	Three Months Ended September 30,				Nine Months Ended September 30,			
	2023		2022		2023		2022	
	Grants	Weighted Average Grant Date Fair Value	Grants	Weighted Average Grant Date Fair Value	Grants	Weighted Average Grant Date Fair Value	Grants	Weighted Average Grant Date Fair Value
Stock options	1,044,667	\$ 14.50	50,806	\$ 16.75	3,867,366	\$ 9.65	153,686	\$ 52.50

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2016 Employee Stock Purchase Plan

Under the Company's 2016 Employee Stock Purchase Plan ("2016 ESPP"), the Company issued and sold 2,496 shares for aggregate cash proceeds of less than \$0.1 million during the nine months ended September 30, 2023. There were 6,073 shares issued and sold under the 2016 ESPP for aggregate cash proceeds of \$0.2 million during the nine months ended September 30, 2022.

Stock-based Compensation Expense

Total stock-based compensation expense related to all plans was as follows (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2023	2022	2023	2022
Research and development ⁽¹⁾	\$2,965	\$ 639	\$4,136	\$2,031
General and administrative	1,820	926	4,269	3,653
Total stock-based compensation expense	<u>\$4,785</u>	<u>\$1,565</u>	<u>\$8,405</u>	<u>\$5,684</u>

- ⁽¹⁾ For the three and nine months ended September 30, 2023, \$2.7 million and \$2.9 million, respectively, was recognized as stock compensation expense related to the Parapyre Option Obligation. There were no such expenses for the three and nine months ended September 30, 2022.

The following table summarizes the weighted-average Black-Scholes option pricing model assumptions used to estimate the fair value of stock options granted under the Company's 2016 Plan, and the shares purchasable under the 2016 ESPP during the periods presented:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2023	2022	2023	2022
2016 Plan				
Expected term (in years)	6.08	6.02	6.04	5.96
Expected volatility	101%	85%	111%	83%
Risk-free interest	4.28%	3.16%	4.07%	2.43%
Dividend yield	—	—	—	—
2016 ESPP				
Expected term (in years)	0.50	0.50	0.49	0.49
Expected volatility	222%	95%	181%	84%
Risk-free interest	5.29	3.26	4.99%	1.95%
Dividend yield	—	—	—	—

11. Strategic License Agreements

On March 21, 2021, the Company entered into an exclusive license and supply agreement with Immedica (the "Immedica Agreement"). By entering into this agreement, the Company agreed to provide Immedica the following goods and services:

- i. Deliver an exclusive, sublicensable, license and know-how (the "License") to develop and commercialize pegzilarginase (the "Product") in the territory comprising the members states of the European Economic Area ("EEA"), United Kingdom ("UK"), Switzerland, Andorra, Monaco, San Marino, Vatican City, Turkey, Saudi Arabia, United Arab Emirates, Qatar, Kuwait, Bahrain, and Oman (the "Territory");
- ii. Complete the global pivotal PEACE (Pegzilarginase Effect on Arginase 1 Deficiency Clinical Endpoints) Phase 3 trial ("PEACE Trial") and related Biologics License Application ("BLA") package to file with the FDA, which will be leveraged by Immedica in obtaining the necessary regulatory approvals in the Territory; and

- iii. Perform a Pediatric Investigation Plan trial (“PIP Trial”) in order for Immedica to be able to receive certain regulatory approvals within the Territory.

In addition, the Company and Immedica formed a Joint Steering Committee (“JSC”) to provide oversight to the activities performed under the agreement; however, the substance of the Company’s participation in the JSC did not represent an additional promised service, but rather, a right of the Company to protect its own interests in the arrangement.

Further, the Company agreed to supply to Immedica, and Immedica agreed to purchase from the Company, substantially all commercial requirements of the Product. The terms of the agreement did not provide for either (i) an option to Immedica to purchase the Product from the Company at a discount from the standalone selling price or (ii) minimum purchase quantities. Immedica was expected to bear (i) all costs and expenses for any development or commercialization of the Product in the Territory subject to the License exclusive of the Company’s promised goods and services summarized above and (ii) all costs and fees associated with applying for regulatory approval of the Product in the Territory.

The Company received a non-refundable payment of \$21.5 million and Immedica agreed to provide payment of 50% of the Company’s costs incurred in performing the PIP Trial up to a maximum of \$1.8 million. In addition, the Company had the ability to receive regulatory and commercial milestone payments. The Company was also entitled to receive royalties in the mid-20% range on net sales of the Product in the Territory. In July 2021, the Company modified the agreement with Immedica to provide certain additional services in relation to the PEACE Trial and BLA package performance obligation in exchange for the reimbursement of up to \$3.0 million of the actual costs incurred in relation to such incremental services.

The Company concluded that Immedica met the definition to be accounted for as a customer because the Company was delivering intellectual property and other services within the Company’s normal course of business, in which the parties are not jointly sharing the risks and rewards. Therefore, the Company concluded that the promises summarized above represent transactions with a customer within the scope of ASC 606. The Company determined that the following promises represent distinct promised services, and therefore, performance obligations: (i) the License, (ii) the PEACE Trial and BLA package, and (iii) the PIP Trial.

Specifically, in making these determinations, the Company considered the following factors:

- As of inception of the agreement, the Company had completed the Phase 1/2 clinical trial related to the Product and was conducting the PEACE Trial. Accordingly, the Company was not promising, nor expecting, to perform additional research and development activities pursuant to the agreement that would either significantly modify, customize or be considered highly interdependent or interrelated with pegzilarginase.
- The License represented functional intellectual property given the functionality of the License was not expected to change substantially as a result of the company’s ongoing activities.
- The services necessary to complete the PEACE Trial, BLA package and PIP Trial could have been performed by other parties.

Given that Immedica was not obligated to purchase any minimum amount or quantities of Product, the supply of Product for commercial use to Immedica was determined to be an option for Immedica, rather than a performance obligation of the Company at contract inception and will be accounted for if and when exercised. The Company also determined that Immedica’s option to purchase the Product did not create a material right as the expected pricing is not at a discount.

The Company determined that the upfront fixed payment amount of \$21.5 million should be included in the transaction price. Additionally, the Company determined at inception of the arrangement that 50% of the

probable estimated costs to be incurred in relation to the PIP Trial exceeded \$1.8 million and included the full reimbursement amount of \$1.8 million in the transaction price. Upon subsequent re-evaluation due to changing facts and circumstances, the Company determined the probable estimated costs were less than the maximum allowable reimbursement and a portion of the variable consideration was constrained, which did not materially impact the revenue recognized as of September 30, 2023. Additionally, upon the modification of the agreement in July 2021, the Company determined that the probable estimated costs to perform the additional services related to the PEACE Trial and BLA package exceeded the maximum allowable reimbursement of \$3.0 million. Therefore, the Company included an estimated total of \$3.6 million that was due in relation to the PIP Trial, PEACE Trial, and BLA package in the transaction price and concluded that it is probable that a significant reversal will not occur in the future. In total, the modified transaction price was determined to be \$25.1 million.

The Company allocated \$9.6 million and \$3.5 million of the modified transaction price to the PEACE Trial and BLA package and PIP Trial performance obligations, respectively, based on the stand-alone selling prices ("SSP"), which were based on the estimated costs that a third-party would charge in performing such services on a stand-alone basis. The SSP for the License was established at inception of the arrangement using a residual value approach due to the uniqueness of and lack of observable data related to the License, and without a specific analog from which to make reliable estimates, resulting in an allocation of \$12.0 million.

The potential regulatory milestone payments that the Company was eligible to receive were excluded from the transaction price, as the milestone amounts were fully constrained based on the probability of achievement, since the milestones related to successful achievement of certain regulatory approvals, which might not have been achieved. The Company determined that the royalties and commercial milestone payments related predominantly to the license of intellectual property and therefore should be excluded from the transaction price under the sales- or usage-based royalty exception under ASC 606. The Company intends to reevaluate the transaction price, including all constrained amounts, at the end of each reporting period and as uncertain events are resolved or other changes in circumstances occur, the Company intends to adjust its estimate of the transaction price as necessary. The Company recognized the royalties and commercial milestone payments as revenue when the associated sales occurred, and relevant sales-based thresholds were met. The Company also assessed the arrangement with Immedica and concluded that a significant financing component does not exist.

The Company recognized revenue allocated to the License performance obligation at a point in time and upon transfer of the License. The Company completed the transfer of the know-how necessary for Immedica to benefit from the License in September 2021 and recognized \$12.0 million of revenue at that time. The development fee allocated to the PEACE Trial, BLA package and PIP Trial performance obligations is recognized over time using an input method of costs incurred related to the performance obligations.

The Company recognized revenue of \$0.9 million under the Immedica Agreement for the nine months ended September 30, 2023. There was no such revenue for the three months ended September 30, 2023. The total revenue generated in the nine months ended September 30, 2023 was attributable to the PEACE Phase 3 and PIP trials, drug supply, and royalties from an early access program in France. For the three and nine months ended September 30, 2022, the Company recognized revenue of \$0.2 million and \$2.2 million, respectively, related to the PEACE Trial and BLA package performance obligation. As of December 31, 2022, the Company recorded deferred revenue of \$3.6 million associated with the Immedica Agreement, of which \$2.4 million was classified as current. There was no such revenue associated with the Immedica Agreement as of September 30, 2023.

On July 27, 2023, the Company announced that it had entered into an agreement to sell the global rights to pegzilarginase to Immedica and concurrently terminated the Immedica Agreement. Remaining deferred revenue was recognized as part of the gain on disposal of the assets.

Contract Balances from Customer Contract

The timing of revenue recognition, billings and cash collections results in contract assets and contract liabilities on the Company's balance sheets. The Company recognizes license and development receivables based

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on billed services, which are derecognized upon reimbursement. When consideration is received, or such consideration is unconditionally due, from a customer prior to transferring goods or services to the customer under the terms of a contract, a contract liability is recorded. Contract liabilities are recognized as revenue after control of the goods or services is transferred to the customer and all revenue recognition criteria have been met.

The following table presents changes in the Company's contract liabilities for the periods presented (in thousands):

<u>Nine Months Ended September 30, 2023</u>	<u>December 31, 2022</u>	<u>Additions</u>	<u>Deductions</u>	<u>September 30, 2023</u>
Contract liabilities:				
Deferred revenue	\$ 2,696	\$ 575	\$ (3,271)	\$ —

The Company had no contract assets during the nine months ended September 30, 2023 and 2022.

12. Sale of Pegzilarginase to Immedica

On July 27, 2023, the Company announced that it had entered into an agreement to sell the global rights to pegzilarginase, an investigational treatment for the rare metabolic disease Arginase 1 Deficiency, to Immedica for \$15.0 million in upfront cash proceeds and up to \$100.0 million in contingent milestone payments. The sale of pegzilarginase to Immedica superseded and terminated the previous license agreement between the Company and Immedica. On July 27, 2023, the carrying value of the asset was zero as it was internally developed. Accordingly the Company recognized a \$14.6 million gain within operating expenses, which is the full \$15.0 million in upfront cash proceeds, net of transaction costs and the derecognition of pegzilarginase related nonfinancial assets and liabilities.

The milestone payments are contingent on formal reimbursement decisions by national authorities in key European markets and pegzilarginase approval by the FDA, among other events. The upfront payment and contingent milestone payments if paid, net of expenses and adjustments, will be distributed to holders of Aeglea's CVR pursuant to the CVR Agreement resulting from the Asset Acquisition.

13. Net Loss Per Share

The Company computes net loss attributable per common stockholder using the two-class method required for participating securities. The Company considers convertible, preferred stock to be participating securities. In the event that the Company paid out distributions, holders of convertible preferred stock would participate in the distribution.

The two-class method is an earnings (loss) allocation method under which earnings (loss) per share is calculated for common stock and participating security considering a participating security's rights to undistributed earnings (loss) as if all such earnings (loss) had been distributed during the period. The holders of Series A Preferred Stock do not have an obligation to fund losses and therefore the Series A Preferred Stock was excluded from the calculation of basic net loss per share. The Company included in the calculation of basic net loss per share, contingently issuable common shares related to the Asset Acquisition because they will be issued for no consideration due to the consideration already having been satisfied as of September 30, 2023.

Basic and diluted net loss per share is computed by dividing the net loss by the weighted-average number of common stock and pre-funded warrants outstanding during the period, without consideration of potential dilutive securities. The pre-funded warrants are included in the computation of basic net loss per share as the exercise price is negligible and they are fully vested and exercisable. For periods in which the Company generated a net loss, the Company does not include the potential impact of dilutive securities in diluted net loss per share, as the

impact of these items is anti-dilutive. The Company has generated a net loss for all periods presented, therefore diluted net loss per share is the same as basic net loss per share since the inclusion of potentially dilutive securities would be anti-dilutive.

The following weighted-average equity instruments were excluded from the calculation of diluted net loss per share because their effect would have been anti-dilutive for the periods presented:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2023	2022	2023	2022
Options to purchase common stock	3,135,672	351,533	1,426,224	335,395
Unvested restricted stock units	—	6,000	252	7,315
Series A Preferred Stock (on an as-converted basis)	42,501,681	—	14,851,447	—

14. Restructuring Charges

Severance and Stock Compensation

On April 12, 2023, based on the review of the inconclusive interim results from the Company's Phase 1/2 clinical trial of pegtarviliase for the treatment of classical homocystinuria and other business considerations, the Company announced that it had initiated a process to explore strategic alternatives to maximize stockholder value and engaged an independent exclusive financial advisor to support this process.

As a result, the Company implemented a restructuring plan resulting in an approximate 83% reduction of the Company's existing headcount by June 30, 2023. The Company recognized restructuring expenses consisting of cash severance payments and other employee-related costs of nil and \$6.4 million during the three and nine months ended September 30, 2023, respectively. Cash payments for employee related restructuring charges of \$4.5 million were paid as of September 30, 2023. In addition, the Company recognized \$1.0 million in non-cash stock-based compensation expense related to the accelerated vesting of stock-based awards for certain employees. The Company recorded these restructuring charges based on each employee's role to the respective research and development and general and administrative operating expense categories on its condensed consolidated statements of operations and comprehensive loss.

The following table summarizes the changes in the Company's accrued restructuring balance (in thousands):

	Beginning Balance December 31, 2022	Charges	Payments	Ending Balance September 30, 2023
Severance liability	\$—	\$6,448	\$(4,527)	\$ 1,921

Sale of Assets

During the second quarter of 2023, the Company sold various lab equipment, consumables, and furniture and fixtures for total consideration of \$0.5 million. After recording the disposal of all property and equipment net of proceeds, the Company recorded a \$0.7 million and \$0.2 million loss on disposal of long lived assets which is included in Research and development and General and administrative expenses, respectively.

Lease Right-of-use Asset and Leasehold Improvement Impairment

Effective June 30, 2023, the Company abandoned its leased office space in Austin, Texas. As a result, the Company recognized an impairment loss of \$0.9 million related to the operating lease right-of-use asset and \$1.7 million related to leasehold improvements. On August 7, 2023, the Company terminated its building lease in Austin, Texas. The negotiated termination agreement obligated the Company to pay the lessor a \$2.0 million termination fee in exchange for releasing the Company of all further obligations under the lease.

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All charges related to the restructuring activities were recognized during the second quarter of 2023. No further restructuring charges will be incurred under the restructuring plan. A summary of the charges related to the restructuring activities is as follows (in thousands):

	Severance Related Expenses	Stock Compensation Expenses	Loss on Disposal of Long Lived Assets	Lease Asset Impairment	Total Restructuring Costs
Research and development	\$ 3,182	\$ 123	\$ 749	\$ 1,405	\$ 5,459
General and administrative	3,266	870	182	1,175	5,493
Total	<u>\$ 6,448</u>	<u>\$ 993</u>	<u>\$ 931</u>	<u>\$ 2,580</u>	<u>\$ 10,952</u>

15. Novation of Manufacturing Agreements

Pursuant to a Novation Agreement dated September 19, 2023 (the “Novation Agreement”), by and between the Company, Paragon and WuXi Biologics (Hong Kong) Limited (“WuXi Biologics”), the Company novated (i) a Biologics Master Services Agreement (the “WuXi Biologics MSA”) and (ii) a Cell Line License Agreement (the “Cell Line License Agreement”).

Biologics Master Services Agreement

In April 2023, Paragon and WuXi Biologics entered into the WuXi Biologics MSA, which was subsequently novated to the Company by Paragon on September 19, 2023 pursuant to the Novation Agreement. The WuXi Biologics MSA governs certain development activities and GMP manufacturing and testing for the SPY001 program, as well as potential future programs, on a work order basis. Under the WuXi Biologics MSA, the Company is obligated to pay WuXi Biologics a service fee and all non-cancellable obligations in the amount specified in each work order associated with the agreement for the provision of services.

The WuXi Biologics MSA terminates on the later of (i) June 20, 2027 or (ii) the completion of services under all work orders executed by the parties prior to June 20, 2027, unless terminated earlier. The term of each work order terminates upon completion of the services under such work order, unless terminated earlier. The Company can terminate the WuXi Biologics MSA or any work order at any time upon 30 days’ prior written notice and immediately upon written notice if WuXi Biologics fails to obtain or maintain required material governmental licenses or approvals. Either party may terminate a work order (i) at any time upon six months’ prior notice with reasonable cause, provided however that if WuXi Biologics terminates a work order in such manner, no termination or cancellation fees shall be paid by the Company and (ii) immediately for cause upon (a) the other party’s material breach that remains uncured for 30 days after notice of such breach, (b) the other party’s bankruptcy or (c) a force majeure event that prevents performance for a period of at least 90 days.

Cell Line License Agreement

In April 2023, Paragon and WuXi Biologics entered into the Cell Line License Agreement, which was subsequently novated to the Company by Paragon pursuant to the Novation Agreement. Under the Cell Line License Agreement, the Company received a non-exclusive, worldwide, sublicensable license to certain of WuXi Biologics’s know-how, cell line, biological materials (the “WuXi Biologics Licensed Technology”) and media and feeds to make, have made, use, sell and import certain therapeutic products produced through the use of the cell line licensed by WuXi Biologics under the Cell Line License Agreement (the “WuXi Biologics Licensed Products”). Specifically, the WuXi Biologics Licensed Technology is used in certain manufacturing activities in support of the SPY001 program.

In consideration for the license, the Company agreed to pay WuXi Biologics a non-refundable license fee of \$0.2 million. Additionally, if the Company manufactures all of its commercial supplies of bulk drug product with a manufacturer other than WuXi Biologics or its affiliates, the Company is required to make royalty payments to WuXi Biologics of less than one percent of global net sales of WuXi Biologics Licensed Products manufactured by a third-party manufacturer (the “Royalty”). If the Company manufactures part of its commercial supplies of the WuXi Biologics Licensed Products with WuXi Biologics or its affiliates, then the Royalty will be reduced accordingly on a pro rata basis.

The Cell Line License Agreement will continue indefinitely unless terminated (i) by the Company upon six months’ prior written notice and our payment of all undisputed amounts due to WuXi Biologics through the effective date of termination, (ii) by WuXi Biologics for a material breach by the Company that remains uncured for 60 days after written notice, (iii) by WuXi Biologics if the Company fails to make a payment and such failure continues for 30 days after receiving notice of such failure, or (iv) by either party upon the other party’s bankruptcy.

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 13. Other Expenses of Issuance and Distribution

The expenses payable by us in connection with the issuance and distribution of the securities being registered hereunder on Form S-1 (other than underwriting discounts and commissions, if any) are set forth below. The Selling Stockholders will not bear any portion of such expenses. Each item listed is estimated, except for the SEC registration fee:

SEC registration fee	\$ 24,875
Printing and engraving	25,000
Legal fees and expenses	50,000
Accounting fees and expenses	50,000
Transfer agent and registrar fees and expenses	0
Miscellaneous expenses	0
Total	<u>\$ 149,875</u>

Item 14. Indemnification of Officers and Directors

Section 145 of the DGCL authorizes a court to award, or a corporation's board of directors to grant, indemnity to directors and officers under certain circumstances and subject to certain limitations. The terms of Section 145 of the DGCL are sufficiently broad to permit indemnification under certain circumstances for liabilities, including reimbursement of expenses incurred, arising under the Securities Act.

As permitted by the DGCL, the Registrant's Certificate of Incorporation contains provisions that eliminate the personal liability of its directors for monetary damages for any breach of fiduciary duties as a director, except liability for the following:

- any breach of the director's duty of loyalty to the Registrant or its stockholders;
- acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law;
- under Section 174 of the DGCL (regarding unlawful dividends and stock purchases); or
- any transaction from which the director derived an improper personal benefit.

As permitted by the DGCL, the Registrant's Bylaws provide that:

- the Registrant is required to indemnify its directors and executive officers to the fullest extent permitted by the DGCL, subject to very limited exceptions;
- the Registrant may indemnify its other employees and agents as set forth in the DGCL;
- the Registrant is required to advance expenses, as incurred, to its directors and executive officers in connection with a legal proceeding to the fullest extent permitted by the DGCL, subject to very limited exceptions; and
- the rights conferred in the Bylaws are not exclusive.

The Registrant has entered, and intends to continue to enter, into separate indemnification agreements with its directors and executive officers to provide these directors and executive officers additional contractual assurances regarding the scope of the indemnification set forth in the Registrant's Certificate of Incorporation and Bylaws and to provide additional procedural protections. At present, there is no pending litigation or proceeding involving a director or executive officer of the Registrant regarding which indemnification is sought. The indemnification provisions in the Registrant's Certificate of Incorporation, Bylaws and the indemnification

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agreements entered into or to be entered into between the Registrant and each of its directors and executive officers may be sufficiently broad to permit indemnification of the Registrant's directors and executive officers for liabilities arising under the Securities Act.

The Registrant currently carries liability insurance for its directors and officers. Two of the Registrant's directors, Peter Harwin and Tomas Kiselak, are also indemnified by their employer with regard to their service on the Registrant's board of directors.

Item 15. Recent Sales of Unregistered Securities

On June 22, 2023, we entered into the Securities Purchase Agreement, pursuant to which we sold an aggregate of 721,452 shares of our Series A Preferred Stock, which will automatically convert into 40 shares of Common Stock, subject to stockholder approval and certain beneficial ownership limitations set by each holder, pursuant to the Certificate of Designation, at an aggregate purchase price of approximately \$210 million. The Private Placement Preferred Shares were offered and sold in transactions exempt from registration under the Securities Act, in reliance on Section 4(a)(2) thereof and Rule 506 of Regulation D thereunder. Each of the Investors represented that it was an "accredited investor," as defined in Regulation D, and acquired the securities for investment only and not with a view towards, or for resale in connection with, the public sale or distribution thereof. The Private Placement Preferred Shares have not been registered under the Securities Act and such securities may not be offered or sold in the United States absent registration or an exemption from registration under the Securities Act and any applicable state securities laws.

Also on June 22, 2023, we completed our acquisition of Spyre in accordance with the Acquisition Agreement, pursuant to which we issued an aggregate of 517,809 shares of Common Stock and 364,887 shares of Series A Preferred Stock to certain of the Selling Stockholders. Such issuances were exempt from registration pursuant to Section 4(a)(2) of the Securities Act and Regulation D promulgated thereunder.

Item 16. Exhibits and Financial Statement Schedules

(a) Exhibits

EXHIBIT NUMBER	DESCRIPTION OF EXHIBIT
2.1	Agreement and Plan of Merger, dated June 22, 2023, by and among Aeglea BioTherapeutics, Inc. Aspen Merger Sub I, Inc., Sequoia Merger Sub II, LLC and Spyre Therapeutics, Inc.
3.1	Restated Certificate of Incorporation
3.2	Certificate of Amendment to the Restated Certificate of Incorporation, effective September 8, 2023
3.3	Amended and Restated Bylaws
3.4	Certificate of Designations of Series A Non-Voting Convertible Preferred Stock
4.1	Securities Purchase Agreement, dated June 22, 2023, by and among the Registrant and the purchasers named therein
4.2	Form of Common Stock Certificate
4.3	Registration Rights Agreement, dated March 16, 2021, by and among the Registrant and Baker Brothers Life Sciences, L.P. and 667, L.P.
4.4	Form of Registration Rights Agreement, by and among Aeglea BioTherapeutics, Inc. and certain purchasers

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4.5	<u>Form of Pre-Funded Warrants 2022</u>
5.1	<u>Opinion of Gibson, Dunn & Crutcher LLP</u>
10.1*#	<u>Biologics Master Services Agreement, effective June 20, 2022, by and between Paragon Therapeutics, Inc. and WuXi Biologics (Hong Kong) Limited</u>
10.2*#	<u>Cell Line License Agreement, effective June 20, 2022, by and between Paragon Therapeutics, Inc. and WuXi Biologics (Hong Kong) Limited</u>
10.3*	<u>Novation Agreement, dated September 19, 2023, by and between Paragon Therapeutics, Inc., Aeglea BioTherapeutics, Inc. and WuXi Biologics (Hong Kong) Limited</u>
10.4†	<u>Offer Letter, dated June 22, 2023, by and between Aeglea BioTherapeutics, Inc. and Cameron Turtle</u>
10.5*#	<u>Amended and Restated Antibody Discovery and Option agreement, dated September 29, 2023, by and between Paragon Therapeutics, Inc., Parapyre Holding LLC and Spyre Therapeutics, LLC</u>
10.6	<u>Form of Amended and Restated Indemnification Agreement</u>
10.7†	<u>2015 Equity Incentive Plan and forms of award agreements</u>
10.8†	<u>2016 Equity Incentive Plan and forms of award agreements, as amended</u>
10.9†	<u>First Amendment to the Aeglea BioTherapeutics, Inc. 2016 Equity Incentive Plan</u>
10.10†	<u>2016 Employee Stock Purchase Plan and forms of award agreements, as amended</u>
10.11†	<u>2018 Equity Inducement Plan</u>
10.12†	<u>First Amendment to the Aeglea BioTherapeutics, Inc. 2018 Equity Inducement Plan</u>
10.13*†	<u>Second Amendment to the Aeglea BioTherapeutics, Inc. 2018 Equity Inducement Plan</u>
10.14†	<u>Third Amendment to the Aeglea BioTherapeutics, Inc. 2018 Equity Inducement Plan</u>
10.15†	<u>Form of Stock Option Agreement under the Aeglea BioTherapeutics, Inc. 2018 Equity Inducement Plan</u>
10.16†	<u>Amended and Restated Spyre 2023 Equity Incentive Plan</u>
10.17†	<u>Form of Stock Restriction Agreement</u>
10.18†	<u>Form of Severance Agreement</u>
10.19†	<u>Separation and Consulting Agreement and General Release of Claims by and between the Company and Jonathan Alspaugh, dated as of September 22, 2023</u>
10.20†	<u>Offer Letter, dated August 10, 2023, by and between the Company and Scott Burrows</u>
10.21	<u>Asset Purchase Agreement, dated July 27, 2023, by and between Aeglea BioTherapeutics, Inc. and Immedica Pharma AB</u>
10.22*	<u>Lease Termination Agreement dated August 7, 2023, between Aeglea BioTherapeutics, Inc. and Las Cimas Owner LP</u>
21.1*	<u>Subsidiaries of the Registrant</u>
23.1	<u>Consent of PricewaterhouseCoopers LLP</u>
23.2	<u>Consent of PricewaterhouseCoopers LLP</u>
23.3	<u>Consent of Gibson, Dunn & Crutcher LLP (included in Exhibit 5.1)</u>
24.1*	<u>Power of Attorney (included on the signature page to the registration statement)</u>
107	<u>Filing Fee Table</u>

* Previously filed.

† Indicates a management contract or compensatory plan.

Portions of this exhibit have been omitted pursuant to Item 601(b)(10)(iv) of Regulation S-K.

(b) Financial statement schedules

None.

Item 17. Undertakings

(a) The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) to include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "Filing Fee Table" in the effective registration statement; and

(iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act to any purchaser, each prospectus filed pursuant to Rule 424(b) as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B or other than prospectuses filed in reliance on Rule 430A, shall be deemed to be part of and included in the registration statement as of the date it is first used after effectiveness. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such first use, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such date of first use.

(5) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers, and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer, or controlling person of the Registrant in the successful defense of any action, suit, or proceeding) is asserted by such director, officer, or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Waltham, Commonwealth of Massachusetts, on November 15, 2023.

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Cameron Turtle, DPhil
Cameron Turtle, DPhil
Chief Operating Officer

Pursuant to the requirements of the Securities Act, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
<u>/s/ Cameron Turtle, DPhil</u> Cameron Turtle, DPhil	Chief Operating Officer (Principal Executive Officer)	November 15, 2023
<u>/s/ Scott Burrows</u> Scott Burrows	Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	November 15, 2023
<u>*</u> Russell J. Cox	Director	November 15, 2023
<u>*</u> Peter Harwin	Director	November 15, 2023
<u>*</u> Michael Henderson, M.D.	Director	November 15, 2023
<u>*</u> Tomas Kiselak	Director	November 15, 2023
<u>*</u> Alison Lawton	Director	November 15, 2023
<u>*</u> Ivana Magovčević-Liebisch, Ph.D., J.D.	Director	November 15, 2023
<u>*</u> Hunter C. Smith, M.B.A.	Director	November 15, 2023

AGREEMENT AND PLAN OF MERGER

by and among:

AEGLEA BIOTHERAPEUTICS, INC.,
a Delaware corporation;

ASPEN MERGER SUB I, INC.,
a Delaware corporation;

SEQUOIA MERGER SUB II, LLC,
a Delaware limited liability company;

and

SPYRE THERAPEUTICS, INC.,
a Delaware corporation

Dated as of June 22, 2023

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AGREEMENT AND PLAN OF MERGER

THIS AGREEMENT AND PLAN OF MERGER is made and entered into as of June 22, 2023, by and among **AEGLEA BIOTHERAPEUTICS, INC.**, a Delaware corporation (“**Parent**”), **ASPEN MERGER SUB I, INC.**, a Delaware corporation and wholly owned subsidiary of Parent (“**First Merger Sub**”), **SEQUOIA MERGER SUB II, LLC**, a Delaware limited liability company and wholly owned subsidiary of Parent (“**Second Merger Sub**” and together with First Merger Sub, “**Merger Subs**”), and **SPYRE THERAPEUTICS, INC.**, a Delaware corporation (the “**Company**”). Certain capitalized terms used in this Agreement are defined in **Exhibit A**.

RECITALS

A. Parent and the Company desire to enter into a business combination as contemplated by this Agreement based on the mutually agreed values of each Parent and the Company, and following the Closing, the aggregate percentage ownership will be based upon an agreed valuation for the Company of \$110 million and an agreed valuation for Parent of \$35 million, assuming certain minimum cash of Target at the Closing.

B. Parent and the Company intend to effect a merger of First Merger Sub with and into the Company (the “**First Merger**”) in accordance with this Agreement and the DGCL. Upon consummation of the First Merger, First Merger Sub will cease to exist and the Company will become a wholly owned subsidiary of Parent.

C. Immediately following the First Merger and as part of the same overall transaction as the First Merger, the Company will merge with and into Second Merger Sub (the “**Second Merger**” and, together with the First Merger, the “**Merger**”), with Second Merger Sub being the surviving entity of the Second Merger;

D. The Parties intend that, (i) the First Merger and the Second Merger, taken together, will constitute an integrated transaction described in Rev. Rul. 2001-46, 2001-2 C.B. 321 that qualifies as a “reorganization” within the meaning of Section 368(a) of the Code, and (ii) this Agreement will constitute, and is hereby adopted as, a plan of reorganization within the meaning of Treasury Regulations Sections 1.368-2(g) and 1.368-3(a).

E. The Parent Board has (i) determined that the Contemplated Transactions are fair to, advisable and in the best interests of Parent and its stockholders, (ii) approved and declared advisable this Agreement and the Contemplated Transactions, including the issuance of the Parent Common Stock Payment Shares and the Parent Preferred Stock Payment Shares to the stockholders of the Company pursuant to the terms of this Agreement, and (iii) determined to recommend, upon the terms and subject to the conditions set forth in this Agreement, that the stockholders of the Parent vote to approve the Parent Stockholder Matters at the Parent Stockholders’ Meeting to be convened following the Closing.

F. The First Merger Sub Board has (i) determined that the Contemplated Transactions are fair to, advisable, and in the best interests of First Merger Sub and its sole stockholder, (ii) approved and declared advisable this Agreement and the Contemplated Transactions and (iii) determined to recommend, upon the terms and subject to the conditions set forth in this Agreement, that the stockholder of First Merger Sub votes to adopt this Agreement and thereby approve the Contemplated Transactions.

G. The sole member of the Second Merger Sub has (i) determined that the Contemplated Transactions are fair to, advisable, and in the best interests of Second Merger Sub and its sole member, (ii) approved and declared advisable this Agreement and the Contemplated Transactions and (iii) determined to recommend, upon the terms and subject to the conditions set forth in this Agreement, that the sole member of Second Merger Sub votes to adopt this Agreement and thereby approve the Contemplated Transactions.

H. The Company Board has (i) determined that the Contemplated Transactions are fair to, advisable and in the best interests of the Company and its stockholders, (ii) approved and declared advisable this Agreement and the Contemplated Transactions and (iii) recommended, upon the terms and subject to the conditions set forth in this Agreement, that the stockholders of the Company vote to approve the Company Stockholder Matters (the “**Board Approval**”).

I. Subsequent to the Board Approval, but prior to the execution and delivery of this Agreement, the requisite Company stockholders by written consent and in accordance with the Company’s certificate of incorporation, the Company’s bylaws and the DGCL (i) approved and adopted this Agreement and the Contemplated Transactions, (ii) acknowledged that the approval given thereby is irrevocable and that such stockholder is aware of its rights to demand appraisal for its shares pursuant to Section 262 of the DGCL, a true and correct copy of which was attached thereto, and that such stockholder has received and read a copy of Section 262 of the DGCL, and (iii) acknowledged that by its approval of the Merger it is not entitled to appraisal rights with respect to its shares in connection with the Merger and thereby waives any rights to receive payment of the fair value of its capital stock under the DGCL (such matters, the “**Company Stockholder Matters**” and the consent, the “**Stockholder Written Consent**”), and the Stockholder Written Consent is to become effective by its terms immediately following the execution of this Agreement by the parties hereto.

J. Concurrently with the execution and delivery of this Agreement and as a condition and inducement to each of Parent and the Company’s willingness to enter into this Agreement, all of the directors, all of the officers and the stockholders of Parent listed in Section A-1 of the Parent Disclosure Schedule (solely in their capacity as stockholders of Parent) (the “**Parent Signatories**”) and the stockholders of the Company listed in Section A of the Company Disclosure Schedule (the “**Company Signatories**”) (solely in their capacity as stockholders of the Company) are executing lock-up agreements in substantially the form attached as **Exhibit B** (each, a “**Lock-Up Agreement**”).

K. Concurrently with the execution and delivery of this Agreement, certain investors have executed a Securities Purchase Agreement among Parent and the Persons named therein (representing an aggregate commitment no less than the Concurrent Investment Amount of \$150,000,000), pursuant to which such Persons will have agreed to purchase the number of shares of Parent Convertible Preferred Stock set forth therein concurrently with the Closing in connection with the Parent Financing (the “**Securities Purchase Agreement**”).

L. Concurrently with the execution and delivery of this Agreement and as a condition and inducement to the Company’s willingness to enter into this Agreement, certain stockholders set forth on Section A-2 of the Parent Disclosure Schedule (solely in their capacity as stockholders) are executing support agreements in favor of the Company in substantially the form attached hereto as **Exhibit E** (the “**Parent Stockholder Support Agreement**”), pursuant to which such Persons have, subject to the terms and conditions set forth therein, agreed to vote all of their shares of capital stock of Parent in favor of the Parent Stockholder Matters.

M. Immediately following the execution and delivery of this Agreement, but prior to the filing of the Certificate of Merger, Parent will file the Certificate of Designation with the office of the Secretary of State of the State of Delaware.

AGREEMENT

The Parties, intending to be legally bound, agree as follows:

SECTION 1. DESCRIPTION OF TRANSACTION

1.1 **The Merger.** Upon the terms and subject to the conditions set forth in this Agreement, at the First Effective Time, First Merger Sub shall be merged with and into the Company, and the separate existence of First Merger Sub shall cease. As a result of the First Merger, the Company will continue as the surviving corporation in the First Merger (the “**First Step Surviving Corporation**”). Upon the terms and subject to the conditions set forth in this Agreement, at the Second Effective Time, the First Step Surviving Corporation will merge with and into Second Merger Sub, and the separate existence of the First Step Surviving Corporation shall cease. As a result of the Second Merger, Second Merger Sub will continue as the surviving entity in the Second Merger (the “**Surviving Entity**”).

1.2 **Effects of the Merger.** At and after the First Effective Time, the First Merger shall have the effects set forth in this Agreement, the First Certificate of Merger and in the applicable provisions of the DGCL. As a result of the First Merger, the First Step Surviving Corporation will become a wholly owned subsidiary of Parent. At and after the Second Effective Time, the Second Merger shall have the effects set forth in this Agreement, the Second Certificate of Merger and in the applicable provisions of the DGCL and the DLLCA.

1.3 **Closing; First Effective Time; Second Effective Time.** The consummation of the Merger (the “**Closing**”) is being consummated remotely via the electronic exchange of documents and signatures substantially simultaneously with the execution and delivery of this Agreement, or at such other time, date and place as Parent and the Company may mutually agree in writing. The date on which the Closing actually takes place is referred to as the “**Closing Date**.” At the Closing, (i) the Parties shall cause the First Merger to be consummated by executing and filing with the Secretary of State of the State of Delaware a certificate of merger with respect to the First Merger, satisfying the applicable requirements of the DGCL and in form and substance to be agreed upon by the Parties (the “**First Certificate of Merger**”) and (ii) the Parties shall cause the Second Merger to be consummated by executing and filing with the Secretary of State of the State of Delaware a certificate of merger with respect to the Second Merger, satisfying the applicable requirements of the DGCL and the DLLCA and in form and substance to be agreed upon by the Parties (the “**Second Certificate of Merger**” and together with the First Certificate of Merger, the “**Certificates of Merger**”). The First Merger shall become effective at the time of the filing of such First Certificate of Merger with the Secretary of State of the State of Delaware or at such later time as may be specified in such First Certificate of Merger with the consent of Parent and the Company (the time as of which the First Merger becomes effective being referred to as the “**First Effective Time**”). The Second Merger shall become effective at the time of the filing of such Second Certificate of Merger with the Secretary of State of the State of Delaware or at such later time as may be specified in such Second Certificate of Merger with the consent of Parent and the Company (the time as of which the Second Merger becomes effective being referred to as the “**Second Effective Time**”).

1.4 **Certificate of Designation; Certificate of Incorporation and Bylaws; Directors and Officers.**

(a) Prior to the First Effective Time, Parent will file the Certificate of Designation with the office of the Secretary of State of the State of Delaware.

(b) At the First Effective Time:

(i) the certificate of incorporation of the First Step Surviving Corporation shall be amended and restated as set forth in an exhibit to the First Certificate of Merger, until thereafter amended as provided by the DGCL and such certificate of incorporation;

(ii) the bylaws of the First Step Surviving Corporation shall be amended and restated in their entirety to read identically to the bylaws of the Company as in effect immediately prior to the First Effective Time, until thereafter amended as provided by the DGCL and such bylaws; and

(iii) the directors and officers of the First Step Surviving Corporation, each to hold office in accordance with the certificate of incorporation and bylaws of the First Step Surviving Corporation, shall be such persons as shall be mutually agreed upon by Parent and the Company.

(c) At the Second Effective Time:

(i) the certificate of formation of the Surviving Entity shall be the certificate of formation of Second Merger Sub as in effect immediately prior to the Second Effective Time, until thereafter amended as provided by the DLLCA and such certificate of formation; *provided, however*, that at the Second Effective Time (as part of the Second Certificate of Merger), the certificate of formation shall be amended to (A) change the name of the Surviving Entity to “Spyre Therapeutics, LLC,” (B) comply with Section 4.5, and (C) make such other changes as are mutually agreed to by Parent and the Company;

(ii) the limited liability company agreement of the Surviving Entity shall be amended and restated in its entirety to read identically to the limited liability company agreement of Second Merger Sub as in effect immediately prior to the Second Effective Time, until thereafter amended as provided by the DLLCA and such limited liability company agreement; *provided, however*, that following the Second Effective Time (but as soon thereafter as practicable), the limited liability company agreement shall be amended to (A) comply with Section 4.5 and (B) change the name of the Surviving Entity to “Spyre Therapeutics, LLC”;

(iii) the managers and officers of the Surviving Entity, each to hold office in accordance with the certificate of formation and limited liability company agreement of the Surviving Entity, shall be such persons as shall be mutually agreed upon by Parent and the Company; and

(iv) the certificate of incorporation of Parent shall be identical to the certificate of incorporation of Parent immediately prior to the Second Effective Time, until thereafter amended as provided by the DGCL and such certificate of incorporation, *provided, however*, that following the Second Effective Time, the certificate of incorporation shall be amended to (A) change the corporate name of Parent to “Spyre Therapeutics, Inc.,” (B) effect the Nasdaq Reverse Split, if deemed necessary, and (C) make such other changes as are mutually agreed to by Parent and the Company.

1.5 Merger Consideration; Effect of Merger on Company Capital Stock. The aggregate merger consideration (the “**Merger Consideration**”) to be paid by Parent for all of the outstanding shares of Company Capital Stock at the Closing and amounts reserved for Company Options shall be (a) 13,013,636 shares of Parent Common Stock (“**Parent Common Stock Payment Shares**”), which shares shall represent a number of shares equal to no more than 19.9% of the outstanding shares of Parent Common Stock as of immediately before the First Effective Time (the “**Parent Common Stock Consideration Cap**”), and (b) in the event the aggregate number of shares of Parent Common Stock Payment Shares issued to any Company stockholder at Closing would result in the issuance of shares of Parent Common Stock in an amount in excess of the Parent Common Stock Consideration Cap, Parent shall issue to such Company stockholders shares of Parent Common Stock up to the Parent Common Stock Consideration Cap and shall

issue the remaining balance to such stockholders a total of 364,889 shares of Parent Convertible Preferred Stock (“**Parent Preferred Stock Payment Shares**”). Each Parent Preferred Stock Payment Share shall be convertible into 1,000 shares of Parent Common Stock, subject to and contingent upon the affirmative vote of a majority of the Parent Common Stock present or represented and entitled to vote at a meeting of stockholders of Parent to approve, for purposes of the Nasdaq Stock Market Rules, the issuance of shares of Parent Common Stock to the stockholders of the Company upon conversion of any and all shares of Parent Convertible Preferred Stock in accordance with the terms of the Certificate of Designation in substantially the form attached hereto as **Exhibit C** (the “**Preferred Stock Conversion Proposal**”).

1.6 Conversion of Shares.

(a) At the First Effective Time, by virtue of the First Merger and without any further action on the part of Parent, Merger Subs, the Company or any stockholder of the Company or Parent:

(i) any shares of Company Common Stock held as treasury stock or held or owned by the Company or any wholly owned Subsidiary of the Company immediately prior to the First Effective Time shall be canceled and retired and shall cease to exist, and no consideration shall be delivered in exchange therefor; and

(ii) subject to Section 1.5 and Section 1.6(c), each share of Company Capital Stock outstanding immediately prior to the First Effective Time (excluding shares to be canceled pursuant to Section 1.6(a)(i) and excluding Dissenting Shares) shall be automatically converted solely into the right to receive a number of Parent Common Stock Payment Shares equal to the Exchange Ratio as set forth on the Allocation Certificate.

(b) If any shares of Company Common Stock outstanding immediately prior to the First Effective Time are subject to a repurchase option or a risk of forfeiture under any applicable restricted stock purchase agreement or other similar agreement with the Company, such shares of Company Common Stock shall no longer be subject to any right of repurchase, risk of forfeiture or other such conditions.

(c) No fractional shares of Parent Common Stock and Parent Convertible Preferred Stock shall be issued in connection with the First Merger, and no certificates or scrip for any such fractional shares shall be issued and no cash shall be paid for any such fractional shares. Any fractional shares of Parent Common Stock that a holder of Company Common Stock would otherwise be entitled to receive shall be aggregated with all fractional shares of Parent Common Stock issuable to such holder) or a fraction of a share of Parent Convertible Preferred Stock issuable to such holder and any remaining fractional shares shall be rounded up to the nearest whole share.

(d) At the First Effective Time, by virtue of the First Merger and without any further action on the part of Parent, Merger Subs, the Company or any member of the Company or stockholder of Parent, each share of common stock of First Merger Sub issued and outstanding immediately prior to the First Effective Time shall be converted into and exchanged for one share of common stock of the First Step Surviving Corporation. If applicable, each stock certificate of First Merger Sub evidencing ownership of any such shares shall, as of the First Effective Time, evidence ownership of such shares of common stock of the First Step Surviving Corporation.

(e) If, between the date of this Agreement and the First Effective Time, the outstanding shares of Company Common Stock or Parent Common Stock or Parent Convertible Preferred Stock shall have been changed into, or exchanged for, a different number of shares or a different class, by reason of any stock dividend, subdivision, reclassification, recapitalization, split, combination or exchange of shares or other like change, the Exchange Ratio shall, to the extent necessary, be equitably adjusted to reflect such change to the extent necessary to provide the holders of Company Common Stock and Parent Common Stock and Parent Convertible Preferred Stock, with the same economic effect as contemplated by this Agreement prior to such stock dividend, subdivision, reclassification, recapitalization, split, combination or exchange of shares or other like change; *provided, however*, that nothing herein will be construed to permit the Company or Parent to take any action with respect to Company Common Stock or Parent Common Stock or Parent Convertible Preferred Stock, respectively, that is prohibited or not expressly permitted by the terms of this Agreement.

(f) At the Second Effective Time, by virtue of the Second Merger and without any action on the part of Parent, the First Step Surviving Corporation, Second Merger Sub or their respective stockholders, each share of the First Step Surviving Corporation issued and outstanding immediately prior to the Second Effective Time shall be canceled and extinguished without any conversion thereof and no payment or distribution shall be made with respect thereto.

1.7 Closing of the Company's Transfer Books. At the First Effective Time: (a) all holders of (i) certificates representing shares of Company Capital Stock and (ii) book-entry shares representing shares of Company Capital Stock ("**Book-Entry Shares**"), in each case, that were outstanding immediately prior to the First Effective Time shall cease to have any rights as stockholders of the Company; and (b) the stock transfer books of the Company shall be closed with respect to all shares of Company Capital Stock outstanding immediately prior to the First Effective Time. No further transfer of any such shares of Company Capital Stock shall be made on such stock transfer books after the First Effective Time. If, after the first Effective Time, a valid certificate previously representing any shares of Company Capital Stock outstanding immediately prior to the First Effective Time (a "**Company Stock Certificate**") is presented to the Exchange Agent or to the Surviving Entity, such Company Stock Certificate shall be canceled and shall be exchanged as provided in Sections 1.6 and 1.8.

1.8 Exchange of Shares.

(a) On or prior to the Closing Date, Parent and the Company shall agree upon and select a reputable bank, transfer agent or trust company to act as exchange agent in the Merger (the "**Exchange Agent**"). At the First Effective Time, Parent shall deposit with the Exchange Agent certificates or evidence of book-entry shares representing the Parent Common Stock and Parent Convertible Preferred Stock issuable pursuant to Section 1.6(a). The Parent Common Stock and Parent Convertible Preferred Stock so deposited with the Exchange Agent, together with any dividends or distributions received by the Exchange Agent with respect to such shares, are referred to collectively as the "**Exchange Fund**."

(b) As soon as reasonably practicable after the record date for the CVR, the Exchange Agent shall issue book-entry shares representing the Merger Consideration (in a number of whole shares of Parent Common Stock and Parent Convertible Preferred Stock) that each holder of Company Common Stock has the right to receive pursuant to the provisions of Section 1.6(a) and each Company Stock Certificate or Book-Entry Share formerly held by each such holder shall be deemed, from and after the First Effective Time, to represent only the right to receive book-entry shares of Parent Common Stock and Parent Convertible Preferred Stock representing the Merger Consideration and, following issuance of book-entry shares representing the Merger Consideration, shall be canceled. The Merger Consideration and any dividends or other distributions as are payable pursuant to Section 1.8(d) shall be deemed to have been in full satisfaction of all rights pertaining to Company Capital Stock formerly represented by such Company Stock Certificates or Book-Entry Shares.

(c) No dividends or other distributions declared or made with respect to Parent Common Stock or Parent Convertible Preferred Stock with a record date on or after the First Effective Time shall be paid to the holder of any unsurrendered Company Stock Certificate or Book-Entry Shares with respect to the shares of Parent Common Stock and/or Parent Convertible Preferred Stock that such holder has the right to receive in the Merger until such holder surrenders such Company Stock Certificate or transfers such Book-Entry Shares or provides an affidavit of loss or destruction in lieu thereof in accordance with this Section 1.8 (at which time (or, if later, on the applicable payment date) such holder shall be entitled, subject to the effect of applicable abandoned property, escheat or similar Laws, to receive all such dividends and distributions, without interest); provided, however, that in no event shall holders of Company Capital Stock receiving the Merger Consideration be entitled to receive the CVR.

(d) Any portion of the Exchange Fund that remains unclaimed by holders of shares of Company Capital Stock as of the date that is one year after the Closing Date shall be delivered to Parent upon demand, and any holders of Company Stock Certificates or Book-Entry Shares who have not theretofore surrendered their Company Stock Certificates or transferred their Book-Entry Shares in accordance with this Section 1.8 shall thereafter look only to Parent as general creditors for satisfaction of their claims for Parent Common Stock and Parent Convertible Preferred Stock and any dividends or distributions with respect to shares of Parent Common Stock and Parent Convertible Preferred Stock.

(e) No Party shall be liable to any holder of any shares of Company Capital Stock or to any other Person with respect to any shares of Parent Common Stock or Parent Convertible Preferred Stock (or dividends or distributions with respect thereto) or for any cash amounts delivered to any public official pursuant to any applicable abandoned property Law, escheat Law or similar Law. Any portion of the Exchange Fund that remains unclaimed by holders of shares of Company Capital Stock as of the date that is two years after the Closing Date (or immediately prior to such earlier date on which the related Exchange Funds (and all dividends or other distributions in respect thereof) would otherwise escheat to or become the property of any Governmental Body) shall, to the extent permitted by applicable Law, become the property of the Surviving Entity, free and clear of all claims or interest of any Person previously entitled thereto.

1.9 Company Options.

(a) At the First Effective Time, each Company Option that is outstanding and unexercised immediately prior to the First Effective Time under the Company Plan, whether or not vested, shall be converted into and become an option to purchase Parent Common Stock, and Parent shall assume the Company Plan and each such Company Option in accordance with the terms (as in effect as of the date of this Agreement) of the Company Plan and the terms of the stock option agreement by which such Company Option is evidenced (but with changes to such documents as Parent in good faith determines are necessary to reflect the substitution of the Company Options by Parent to purchase shares of Parent Common Stock). All rights with respect to Company Common Stock under Company Options assumed by Parent shall thereupon be converted into rights with respect to Parent Common Stock. Accordingly, from and after the First Effective Time: (i) each Company Option assumed by Parent may be exercised solely for shares of Parent Common Stock; (ii) the number of shares of Parent Common Stock subject to each Company Option assumed by Parent shall be determined by multiplying (A) the number of shares of Company Common Stock that were subject to such Company Option, as in effect immediately prior to the First Effective Time, by (B) the Exchange Ratio, and rounding the resulting number down to the nearest whole number of shares of Parent Common Stock; (iii) the per share exercise price for the Parent Common Stock issuable upon exercise of each Company Option assumed by Parent shall be determined by dividing (A) the per share exercise price of Company Common Stock subject to such Company Option, as in effect immediately prior to the First Effective Time, by (B) the Exchange Ratio and rounding the resulting exercise price up to the nearest whole cent; and (iv) any restriction on the exercise of any Company Option assumed by Parent shall continue in full force and effect and the term, exercisability, vesting schedule and other

provisions of such Company Option shall otherwise remain unchanged; *provided*, that, (I) in the case of any Company Option to which Section 421 of the Code applies as of the First Effective Time by reason of its qualification under Section 422 of the Code, the exercise price, the number of shares of Parent Common Stock subject to such option and the terms and conditions of exercise of such option shall be determined in a manner consistent with the requirements of Section 424(a) of the Code; and (II) the exercise price, the number of shares of Parent Common Stock subject to, and the terms and conditions of exercise of each option to purchase Parent Common Stock shall also be determined in a manner consistent with the requirements of Section 409A of the Code; *provided, further*, that: (x) Parent may amend the terms of the Company Options and the Company Plan as may be necessary to reflect Parent's substitution of the Company Options with options to purchase Parent Common Stock (such as by making any change in control or similar definition relate to Parent and having any provision that provides for the adjustment of Company Options upon the occurrence of certain corporate events relate to corporate events that relate to Parent and/or Parent Common Stock); and (y) the Parent Board or a committee thereof shall succeed to the authority and responsibility of the Company Board or any committee thereof with respect to each Company Option assumed by Parent.

(b) Parent shall file with the SEC, promptly after the First Effective Time (and in any event, not later than thirty (30) days thereafter), a registration statement on Form S-8 (or any successor form), if available for use by Parent, relating to the shares of Parent Common Stock issuable with respect to Company Options assumed by Parent in accordance with Section 1.10.

1.10 Contingent Value Right.

(a) Holders of Parent Common Stock of record as of immediately prior to the First Effective Time shall be entitled to one contractual contingent value right (a "**CVR**") issued by Parent subject to and in accordance with the terms and conditions of the CVR Agreement, attached hereto as **Exhibit D** (the "**CVR Agreement**"), for each share of Parent Common Stock held by such holders (less applicable withholding Taxes).

(b) Within thirty (30) days of the First Effective Time, Parent shall authorize and duly adopt, execute and deliver, and will ensure that Exchange Agent executes and delivers, the CVR Agreement, subject to any reasonable revisions to the CVR Agreement that are requested by such Exchange Agent (*provided* that such revisions are not, individually or in the aggregate, detrimental or adverse, taken as a whole, to any holder of a CVR). Parent and the Company shall cooperate, including by making changes to the form of CVR Agreement, as necessary to ensure that the CVRs are not subject to registration under the Securities Act, the Exchange Act or any applicable state securities or "blue sky" laws.

(c) Parent and the Exchange Agent shall, within thirty (30) days of the First Effective Time, duly authorize, execute and deliver the CVR Agreement.

1.11 Further Action. If, at any time after the First Effective Time, any further action is determined by the Surviving Entity to be necessary or desirable to carry out the purposes of this Agreement or to vest the Surviving Entity with full right, title and possession of and to all rights and property of the Company, then the officers and directors of the Surviving Entity shall be fully authorized, and shall use their and its reasonable best efforts (in the name of the Company, in the name of Merger Subs, in the name of the Surviving Entity and otherwise) to take such action.

1.12 Withholding. The Parties and the Exchange Agent (each, a "**Withholding Agent**") shall be entitled to deduct and withhold from the consideration otherwise payable pursuant to this Agreement (including the CVR Agreement) to any holder of Company Capital Stock or any other Person such amounts as such Party or the Exchange Agent is required to deduct and withhold under the Code or

any other Law with respect to the making of such payment; provided, however, that if a Withholding Agent determines that any payment to any stockholder of the Company hereunder is subject to deduction and/or withholding, then, except with respect to compensatory payments, or as a result of a failure to deliver the certificate described in Section 6.2, such Withholding Agent shall (i) provide notice to such stockholder as soon as reasonably practicable after such determination (and no later than three (3) Business Days prior to undertaking such deduction and/or withholding), and (ii) use commercially reasonable efforts to cooperate with such stockholder prior to Closing to reduce or eliminate any such deduction and/or withholding. To the extent that amounts are so withheld and paid over to the appropriate Governmental Body, such withheld amounts shall be treated for all purposes of this Agreement as having been paid to the Person in respect of whom such deduction and withholding was made.

SECTION 2. REPRESENTATIONS AND WARRANTIES OF THE COMPANY

Subject to Section 8.13(h), except as set forth in the disclosure schedule delivered by the Company to Parent (the “**Company Disclosure Schedule**”), the Company represents and warrants to Parent and Merger Subs as follows:

2.1 **Due Organization; Subsidiaries.**

(a) The Company is a corporation duly incorporated, validly existing and in good standing under the Laws of Delaware and has all necessary corporate power and authority: (i) to conduct its business in the manner in which its business is currently being conducted; (ii) to own or lease and use its property and assets in the manner in which its property and assets are currently owned or leased and used; and (iii) to perform its obligations under all Contracts by which it is bound.

(b) The Company is duly licensed and qualified to do business, and is in good standing (to the extent applicable in such jurisdiction), under the Laws of all jurisdictions where the nature of its business requires such licensing or qualification other than in jurisdictions where the failure to be so qualified individually or in the aggregate would not be reasonably expected to have a Company Material Adverse Effect.

(c) The Company has no Subsidiaries and the Company does not own any capital stock of, or any equity, ownership or profit-sharing interest of any nature in, or controls directly or indirectly, any other Entity.

(d) The Company is not nor has ever been, directly or indirectly, a party to, member of or participant in any partnership, joint venture or similar business entity. The Company has not agreed to, and is not obligated to make, nor is bound by any Contract under which it may become obligated to make, any future investment in or capital contribution to any other Entity. The Company has not, at any time, been a general partner of, or has otherwise been liable for any of the debts or other obligations of, any general partnership, limited partnership or other Entity.

2.2 **Organizational Documents.** The Company has made available to Parent accurate and complete copies of the Organizational Documents of the Company in effect as of the date of this Agreement. The Company is not in breach or violation of its respective Organizational Documents.

2.3 Authority; Binding Nature of Agreement.

(a) The Company has all necessary corporate power and authority to enter into and to perform its obligations under this Agreement and, subject to receipt of the Required Company Stockholder Vote, to consummate the Contemplated Transactions. The Company Board (at meetings duly called and held or by unanimous written consent) has (i) determined that the Contemplated Transactions are fair to, advisable and in the best interests of the Company and its stockholders, (ii) authorized, approved and declared advisable this Agreement and the Contemplated Transactions and (iii) determined to recommend, upon the terms and subject to the conditions set forth in this Agreement, that the stockholders of the Company vote in favor of the Company Stockholder Matters.

(b) This Agreement has been duly executed and delivered by the Company and, assuming the due authorization, execution and delivery by Parent and Merger Subs, constitutes the legal, valid and binding obligation of the Company, enforceable against the Company in accordance with its terms, subject to the Enforceability Exceptions.

2.4 **Vote Required.** The affirmative vote (or written consent) of the holders of a majority of the shares of Company Common Stock outstanding on the record date for the Stockholder Written Consent and entitled to vote thereon, voting as a single class (the “**Required Company Stockholder Vote**”), is the only vote (or written consent) of the holders of any class or series of Company Capital Stock necessary to adopt and approve this Agreement and approve the Contemplated Transactions. The Stockholder Written Consent became effective upon the execution of this Agreement by the parties hereto and provided the Required Company Stockholder Vote. No other corporate proceedings by the Company are necessary to authorize this Agreement or to consummate the Contemplated Transactions.

2.5 **Non-Contravention; Consents.** Subject to obtaining the required Company Stockholder Vote, the filing of the Certificates of Merger required by the DGCL, and the filing of the Certificate of Designation, neither (x) the execution, delivery or performance of this Agreement by the Company, nor (y) the consummation of the Contemplated Transactions, will directly or indirectly (with or without notice or lapse of time):

(a) contravene, conflict with or result in a violation of any of the provisions of the Company’s Organizational Documents;

(b) contravene, conflict with or result in a violation of, or give any Governmental Body or other Person the right to challenge the Contemplated Transactions or to exercise any remedy or obtain any relief under, any Law or any order, writ, injunction, judgment or decree to which the Company, or any of the assets owned or used by the Company, is subject, except as would not reasonably be expected to be material to the Company or its business;

(c) contravene, conflict with or result in a violation of any of the terms or requirements of, or give any Governmental Body the right to revoke, withdraw, suspend, cancel, terminate or modify, any Governmental Authorization that is held by the Company, except as would not reasonably be expected to be material to the Company or its business;

(d) contravene, conflict with or result in a violation or breach of, or result in a default under, any provision of any Company Material Contract, or give any Person the right to: (i) declare a default or exercise any remedy under any Company Material Contract; (ii) any material payment, rebate, chargeback, penalty or change in delivery schedule under any Company Material Contract; (iii) accelerate the maturity or performance of any Company Material Contract; or (iv) cancel, terminate or modify any term of any Company Material Contract, except in the case of any non-material breach, default, penalty or modification; or

(e) result in the imposition or creation of any Encumbrance upon or with respect to any asset owned or used by the Company (except for Permitted Encumbrances).

Except for (i) any Consent set forth in Section 2.5 of the Company Disclosure Schedule under any Company Contract, (ii) the Required Company Stockholder Vote, (iii) the filing of the Certificates of Merger with the Secretary of State of the State of Delaware pursuant to the DGCL, (iv) the filing of the Certificate of Designation with the Secretary of State of the State of Delaware pursuant to the DGCL and (v) such consents, waivers, approvals, orders, authorizations, registrations, declarations and filings as may be required under applicable federal and state securities Laws, the Company is not required to make any filing with or give any notice to, or to obtain any Consent from, any Person in connection with (A) the execution, delivery or performance of this Agreement, or (B) the consummation of the Contemplated Transactions. The Company Board has taken and will take all actions necessary to ensure that the restrictions applicable to business combinations contained in Section 203 of the DGCL are, and will be, inapplicable to the execution, delivery and performance of this Agreement, the Lock-Up Agreements and to the consummation of the Contemplated Transactions. No other state takeover statute or similar Law applies or purports to apply to the Merger, this Agreement, the Lock-Up Agreements or any of the Contemplated Transactions.

2.6 Capitalization.

(a) The authorized Company Capital Stock as of the date of this Agreement consists of (i) 47,728,480 shares of Company Common Stock, par value \$0.001 per share, of which 7,506,651 shares have been issued and are outstanding as of the date of this Agreement, and (ii) 20,000,000 shares of Preferred Stock, par value \$0.001 per share (the “**Company Preferred Stock**”), of which 20,000,000 shares have been designated ‘Series A Preferred Stock’ all of which have been issued and are outstanding as of the date of this Agreement. The Company does not hold any shares of its capital stock in its treasury. Section 2.6(a) of the Company Disclosure Schedule lists, as of the date of this Agreement, each record holder of issued and outstanding Company Capital Stock and the number and type of shares of Company Capital Stock held by such holder.

(b) All of the outstanding shares of Company Common Stock and Company Preferred Stock have been duly authorized and validly issued, and are fully paid and nonassessable. Except as set forth in the Investor Agreements, none of the outstanding shares of Company Capital Stock is entitled or subject to any preemptive right, right of participation, right of maintenance or any similar right and none of the outstanding shares of Company Capital Stock is subject to any right of first refusal in favor of the Company. Except as contemplated herein or as set forth in the Investor Agreements, there is no Company Contract relating to the voting or registration of, or restricting any Person from purchasing, selling, pledging or otherwise disposing of (or granting any option or similar right with respect to), any shares of Company Capital Stock. The Company is not under any obligation, nor is it bound by any Contract pursuant to which it may become obligated, to repurchase, redeem or otherwise acquire any outstanding shares of Company Capital Stock or other securities. Section 2.6(b) of the Company Disclosure Schedule accurately and completely lists all repurchase rights held by the Company with respect to shares of Company Capital Stock (including shares issued pursuant to the exercise of stock options) and specifies which of those repurchase rights are currently exercisable and whether the holder of such shares of Company Capital Stock timely filed an election with the relevant Governmental Bodies under Section 83(b) of the Code with respect to such shares. Each share of Company Preferred Stock is convertible into one share of Company Common Stock.

(c) Except for the Company’s 2023 Equity Incentive Plan (the “**Company Plan**”), the Company does not have any stock option plan or any other plan, program, agreement or arrangement providing for any equity-based compensation for any Person. As of the date of this Agreement, the Company has reserved 2,049,133 shares of Company Common Stock for issuance under the Company Plan, of which 1,827,304 shares have been issued and are currently outstanding, 5,000 shares have been reserved for issuance upon exercise of Company Options previously granted and currently outstanding

under the Company Plan, and 216,829 shares of Company Common Stock remain available for future issuance of awards pursuant to the Company Plan. Section 2.6(c) of the Company Disclosure Schedule sets forth the following information with respect to each Company Option outstanding as of the date of this Agreement: (i) the name of the optionee; (ii) the number of shares of Company Common Stock subject to such Company Option at the time of grant; (iii) the number of shares of Company Common Stock subject to such Company Option as of the date of this Agreement; (iv) the exercise price of such Company Option; (v) the date on which such Company Option was granted; (vi) the applicable vesting schedule, including the number of vested and unvested shares as of the date of this Agreement and any acceleration provisions; (vii) the date on which such Company Option expires; (viii) whether such Company Option is intended to constitute an “incentive stock option” (as defined in the Code) or a non-qualified stock option; and (ix) whether such Company Option is “early exercisable.” The Company has made available to Parent an accurate and complete copy of the Company Plan and a form of stock option agreement that is consistent in all material respects with the stock option agreements evidencing outstanding Company Options granted thereunder.

(d) Except for Company Options set forth in Section 2.6(c) of the Company Disclosure Schedule, there is no: (i) outstanding subscription, option, call, warrant or right (whether or not currently exercisable) to acquire any shares of the capital stock or other securities of the Company; (ii) outstanding security, instrument or obligation that is or may become convertible into or exchangeable for any shares of the capital stock or other securities of the Company; or (iii) condition or circumstance that could be reasonably likely to give rise to or provide a basis for the assertion of a claim by any Person to the effect that such Person is entitled to acquire or receive any shares of capital stock or other securities of the Company. There are no outstanding or authorized stock appreciation, phantom stock, profit participation or other similar rights with respect to the Company.

(e) All outstanding shares of Company Common Stock, Company Preferred Stock, Company Options, and other securities of the Company have been issued and granted in material compliance with (i) the Organizational Documents of the Company in effect as of the relevant time and all applicable securities Laws and other applicable Law, and (ii) all requirements set forth in applicable Contracts.

(f) All distributions, dividends, repurchases and redemptions of the Company Capital Stock or other equity interests of the Company were undertaken in material compliance with (i) the Organizational Documents of the Company in effect as of the relevant time and all applicable securities Laws and other applicable Laws, and (ii) all requirements set forth in applicable Contract.

2.7 Financial Statements.

(a) Concurrently with the execution hereof, the Company has provided to Parent true and complete copies of the Company Unaudited Interim Balance Sheet, together with the unaudited statements of operations and cash flows of the Company for the period reflected in the Company Unaudited Interim Balance Sheet (collectively, the “**Company Financials**”). The Company Financials were prepared in accordance with GAAP (except as may be indicated in the notes to such financial statements and except that the unaudited financial statements may not contain footnotes and are subject to normal and recurring year-end adjustments, none of which is material) and fairly present, in all material respects, the financial position and operating results of the Company as of the dates and for the periods indicated therein.

(b) The Company maintains accurate books and records reflecting its assets and liabilities and maintains a system of internal accounting controls designed to provide reasonable assurance that: (i) transactions are executed in accordance with management's general or specific authorizations; (ii) transactions are recorded as necessary to permit preparation of the financial statements of the Company in accordance with GAAP and to maintain accountability of the Company's assets; (iii) access to the Company's assets is permitted only in accordance with management's general or specific authorization; (iv) the recorded accountability for the Company's assets is compared with the existing assets at regular intervals and appropriate action is taken with respect to any differences; and (v) accounts, notes and other receivables and inventory are recorded accurately, and proper and adequate procedures are implemented which are designed to effect the collection thereof on a current and timely basis. The Company maintains internal controls consistent with the practices of similarly situated private companies over financial reporting that provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP.

(c) Section 2.7(c) of the Company Disclosure Schedule lists, and the Company has delivered to Parent accurate and complete copies of the documentation creating or governing, all securitization transactions and "off-balance sheet arrangements" (as defined in Item 303(c) of Regulation S-K under the Exchange Act) effected by the Company since the Company's inception.

(d) Since the Company's inception, there have been no formal internal investigations regarding financial reporting or accounting policies and practices discussed with, reviewed by or initiated at the direction of the chief executive officer, chief financial officer or general counsel of the Company, the Company Board or any committee thereof. Since the Company's inception, neither the Company nor its independent auditors have identified (i) any significant deficiency or material weakness in the design or operation of the system of internal accounting controls utilized by the Company, (ii) any fraud, whether or not material, that involves the Company, the Company's management or other employees who have a role in the preparation of financial statements or the internal accounting controls utilized by the Company or (iii) any claim or allegation regarding any of the foregoing.

2.8 Absence of Changes. Except as set forth in Section 2.8 of the Company Disclosure Schedule, after the date of the Company Unaudited Interim Balance Sheet, the Company has conducted its business only in the Ordinary Course of Business (except for the execution and performance of this Agreement and the discussions, negotiations and transactions related thereto) and there has not been any (a) Company Material Adverse Effect and (b) the Company has not done any of the following:

(a) declared, accrued, set aside or paid any dividend or made any other distribution in respect of any shares of its capital stock; or repurchased, redeemed or otherwise reacquired any shares of its capital stock or other securities (except for shares of Company Common Stock from terminated employees, directors or consultants of the Company or in connection with the payment of the exercise price and/or withholding Taxes incurred upon the exercise, settlement or vesting of any award granted under the Company Plan);

(b) sold, issued, granted, pledged or otherwise disposed of or encumbered or authorized any of the foregoing with respect to: (A) any capital stock or other security of the Company; (B) any option, warrant or right to acquire any capital stock or any other security, other than option grants to employees and service providers in the Ordinary Course of Business; or (C) any instrument convertible into or exchangeable for any capital stock or other security of the Company;

(c) except as required to give effect to anything in contemplation of the Closing, amended any of its Organizational Documents, or effected or been a party to any merger, consolidation, share exchange, business combination, recapitalization, reclassification of shares, stock split, reverse stock split or similar transaction except, for the avoidance of doubt, the Contemplated Transactions;

(d) formed any Subsidiary or acquired any equity interest or other interest in any other Entity or entered into a joint venture with any other Entity;

(e) (i) lent money to any Person (except for the advance of reasonable business expenses to employees, directors and consultants in the Ordinary Course of Business), (ii) incurred or guaranteed any indebtedness for borrowed money, or (iii) guaranteed any debt securities of others;

(f) other than as required by applicable Law or the terms of any Company Benefit Plan as in effect on the date of this Agreement and other than the Company Plan or any Company Option: (A) adopted, terminated, established or entered into any Company Benefit Plan; (B) caused or permitted any Company Benefit Plan to be amended in any material respect; (C) paid any material bonus or distributed any profit-sharing account balances or similar payment to, or, other than in the Ordinary Course of Business, increased the amount of the wages, salary, commissions, benefits or other compensation or remuneration payable to, any of its directors, officers or employees; (D) increased the severance or change-of-control benefits offered to any current, former or new employees, directors or consultants or (E) hired, terminated or gave notice of termination (other than for cause) to, any (x) officer or (y) employee whose annual base salary is or is expected to be more than \$125,000 per year;

(g) entered into any collective bargaining agreement or similar agreement with any labor union or similar labor organization;

(h) entered into any material transaction other than (A) in the Ordinary Course of Business or (B) in connection with the Contemplated Transactions;

(i) acquired any material asset or sold, leased or otherwise irrevocably disposed of any of its assets or properties, or granted any Encumbrance (other than Permitted Encumbrances) with respect to such assets or properties, except in the Ordinary Course of Business;

(j) sold, assigned, transferred, licensed, sublicensed or otherwise disposed of any material Company IP (other than pursuant to non-exclusive licenses in the Ordinary Course of Business);

(k) made, changed or revoked any material Tax election, failed to pay any income or other material Tax as such Tax becomes due and payable, filed any amendment making any material change to any Tax Return, settled or compromised any income or other material Tax liability, entered into any Tax allocation, sharing, indemnification or other similar agreement or arrangement (including any "closing agreement" described in Section 7121 of the Code (or any similar Law) with any Governmental Body, but excluding customary commercial Contracts entered into in the Ordinary Course of Business the principal subject matter of which is not Taxes), requested or consented to any extension or waiver of any limitation period with respect to any claim or assessment for any income or other material Taxes (other than pursuant to an extension of time to file any Tax Return granted in the Ordinary Course of Business of not more than six months), or adopted or changed any material accounting method in respect of Taxes;

(l) made any expenditures, incurred any Liabilities or discharged or satisfied any Liabilities, in each case, in amounts that exceed \$300,000;

(m) other than as required by Law or GAAP, taken any action to change accounting policies or procedures;

(n) initiated or settled any Legal Proceeding; or

(o) agreed, resolved or committed to do any of the foregoing.

2.9 **Absence of Undisclosed Liabilities.** As of the date hereof, the Company has no any liability, indebtedness, obligation or expense of any kind, whether accrued, absolute, contingent, matured or unmatured (whether or not required to be reflected in the financial statements in accordance with GAAP) (each a “**Liability**”), individually or in the aggregate, of a type required to be recorded or reflected on a balance sheet or disclosed in the footnotes thereto under GAAP, except for: (a) Liabilities disclosed, reflected or reserved against in the Company Unaudited Interim Balance Sheet; (b) Liabilities that have been incurred by the Company since the date of the Company Unaudited Interim Balance Sheet in the Ordinary Course of Business; (c) Liabilities for performance of obligations under Company Contracts in the Ordinary Course of Business; (d) Liabilities incurred in connection with the Contemplated Transactions; (e) Liabilities which would not, individually or in the aggregate, reasonably be expected to be material to the Company; and (f) Liabilities described in Section 2.9 of the Company Disclosure Schedule.

2.10 **Title to Assets.** The Company owns, and has good and valid title to, or, in the case of leased properties and assets, valid leasehold interests in, all tangible properties or tangible assets and equipment used or held for use in its business or operations or purported to be owned by it that are material to the Company or its business, including: (a) all tangible assets reflected on the Company Unaudited Interim Balance Sheet; and (b) all other tangible assets reflected in the books and records of the Company as being owned by the Company. All of such assets are owned or, in the case of leased assets, leased by the Company free and clear of any Encumbrances, other than Permitted Encumbrances.

2.11 **Real Property; Leasehold.** The Company does not own, nor has ever owned, any real property. The Company has made available to Parent (a) an accurate and complete list of all real properties with respect to which the Company directly or indirectly holds a valid leasehold interest as well as any other real estate that is in the possession of, or occupied or leased by, the Company and (b) copies of all leases under which any such real property is possessed, occupied or leased (the “**Company Real Estate Leases**”), each of which is in full force and effect, with no existing material default thereunder by the Company, or to the Knowledge of the Company, any other party thereto. The Company’s possession, occupancy, lease, use and/or operation of each such leased property conforms to all applicable Laws in all material respects, and the Company has exclusive possession of each such leased property and leasehold interest and has not granted any occupancy rights to tenants or licensees with respect to such leased property or leasehold interest. In addition, each such leased property and leasehold interest is free and clear of all Encumbrances other than Permitted Encumbrances. The Company has not received any written notice from its landlords or any Governmental Body that: (i) relates to violations of building, zoning, safety or fire ordinances or regulations; (ii) claims any defect or deficiency with respect to any of such properties; or (iii) requests the performance of any repairs, alterations or other work to such properties.

2.12 **Intellectual Property; Privacy.**

(a) Section 2.12(a) of the Company Disclosure Schedule identifies each item of material Registered IP owned in whole or in part by the Company, including, with respect to each application and registration: (i) the name of the applicant or registrant and any other co-owner, (ii) the jurisdiction of application or registration, and (iii) the application or registration number. To the Knowledge of the Company, each of the patents and patent applications included in Section 2.12(a) of the Company Disclosure Schedule properly identifies by name each and every inventor of the inventions claimed therein as determined in accordance with applicable Laws of the United States. As of the date of this Agreement, no cancellation, interference, opposition, reissue, reexamination or other proceeding of any nature (other than office actions or similar communications issued by any Governmental Body in the ordinary course of prosecution of any pending applications for registration) is pending or, to the Knowledge

of the Company, threatened in writing, in which the scope, validity, enforceability or ownership of any Company IP is being or has been contested or challenged. To the Knowledge of the Company, each item of Company IP is valid and enforceable, and with respect to the Company's Registered IP, subsisting. There are no actions that must be taken within ninety (90) days of the Closing, the failure of which will result in the abandonment, lapse or cancellation of any material Registered IP owned in whole or in part by the Company.

(b) Except as has not had and would not reasonably be expected to have, individually or in the aggregate, a Company Material Adverse Effect, the Company exclusively own, are the sole assignee of, or have exclusively licensed all material Company IP (other than as disclosed in Section 2.12(b) of the Company Disclosure Schedule), free and clear of all Encumbrances other than Permitted Encumbrances. The Company IP and the Intellectual Property Rights licensed to the Company pursuant to a valid, enforceable written agreement constitute all Intellectual Property Rights used in, material to or otherwise necessary for the operation of the Company's business as currently conducted. Each Company Associate involved in the creation or development of any material Company IP, pursuant to such Company Associate's activities on behalf of the Company, has signed a valid and enforceable written agreement containing an assignment of such Company Associate's rights in such Company IP to the Company. Each Company Associate who has or has had access to the Company's trade secrets or confidential information has signed a valid and enforceable written agreement containing confidentiality provisions protecting the Company IP, trade secrets and confidential information. The Company has taken commercially reasonable steps to protect and preserve the confidentiality of its trade secrets and confidential information.

(c) To the Knowledge of the Company, no funding, facilities or personnel of any Governmental Body or any university, college, research institute or other educational institution has been used to create Company IP, except for any such funding or use of facilities or personnel that does not result in such Governmental Body or institution owning such Company IP as of the date of this Agreement.

(d) Section 2.12(d) of the Company Disclosure Schedule sets forth each license agreement pursuant to which the Company (i) is granted a license under any material Intellectual Property Right owned by any third party that is used by the Company in its business as currently conducted (each a "**Company In-bound License**") or (ii) grants to any third party a license under any material Company IP or material Intellectual Property Right licensed to the Company under a Company In-bound License (each a "**Company Out-bound License**") (*provided*, that, Company In-bound Licenses shall not include, when entered into in the Ordinary Course of Business, material transfer agreements, clinical trial agreements, agreements with Company Associates, services agreements, non-disclosure agreements, commercially available Software-as-a-Service offerings, or off-the-shelf software licenses; and Company Out-bound Licenses shall not include, when entered into in the Ordinary Course of Business, material transfer agreements, clinical trial agreements, services agreements, non-disclosure agreements, or non-exclusive outbound licenses). All Company In-bound Licenses and Company Out-bound Licenses are in full force and effect and are valid, enforceable and binding obligations of the Company and, to the Knowledge of Company, each other party to such Company In-bound Licenses or Company Out-bound Licenses. Neither the Company, nor to the Knowledge of the Company, any other party to such Company In-bound Licenses or Company Out-bound Licenses, is in material breach under any Company In-bound Licenses or Company Out-bound Licenses.

(e) To the Knowledge of the Company: (i) the operation of the business of the Company as currently conducted does not infringe, misappropriate or otherwise violate any Intellectual Property Rights of any other Person and (ii) no other Person is infringing, misappropriating or otherwise violating any Company IP. No Legal Proceeding is pending (or, to the Knowledge of the Company, is threatened in writing) (A) against the Company alleging that the operation of the business of the Company

infringes or constitutes the misappropriation or other violation of any Intellectual Property Rights of another Person or (B) by the Company alleging that another Person has infringed, misappropriated or otherwise violated any of the Company IP. Since the Company's inception, the Company has not received any written notice or other written communication alleging that the operation of the business of the Company infringes or constitutes the misappropriation or other violation of any Intellectual Property Right of another Person.

(f) None of the Company IP owned by the Company or, to the Knowledge of the Company, none of the material Intellectual Property Rights exclusively licensed to the Company is subject to any pending or outstanding injunction, directive, order, judgment or other disposition of dispute that adversely and materially restricts the use, transfer, registration or licensing by the Company of any such Company IP.

(g) To the Knowledge of the Company, the Company and the operation of the Company's business are and since December 31, 2020 has been, in material compliance with Privacy and Data Processing Requirements. To the knowledge of the Company, the Company has at all applicable times provided all notices, and obtained and maintained all rights, consents, and authorizations, to Process Company Data as Processed by or for the Company. Since the Company's inception, there have been (i) no loss or theft or security breach relating to Company Data, (ii) no violation of any security policy of the Company regarding any such Company Data, and (iii) no unauthorized access to, or unauthorized, unintended, or improper use disclosure, or other Processing of any Company Data. The Company has taken commercially reasonable steps and implemented reasonable disaster recovery and security plans and procedures to protect the information technology systems used in, material to or necessary for operation of the Company's business as currently conducted and Company Data from unauthorized use access, or other Processing. To the Knowledge of the Company, there have been no (i) material malfunctions or unauthorized intrusions or breaches of the information technology systems used in, material to or necessary for the operation of the Company's business or (ii) material unauthorized access to, or other processing of, Company Data.

2.13 Agreements, Contracts and Commitments.

(a) Section 2.13(a) of the Company Disclosure Schedule lists the following Company Contracts in effect as of the date of this Agreement other than any Company Benefit Plans (each, a "**Company Material Contract**" and collectively, the "**Company Material Contracts**");

(i) each Company Contract relating to any agreement of indemnification or guaranty not entered into in the Ordinary Course of Business;

(ii) each Company Contract containing (A) any covenant limiting the freedom of the Company or the Surviving Entity to engage in any line of business or compete with any Person, (B) any most-favored nation or other preferred pricing arrangement in favor of a Person other than the Company or any similar term by which any Person is or could become entitled to any benefit, right or privilege that must be at least as favorable to such Person as those offered to any other Person, (C) any exclusivity provision, right of first refusal or right of first negotiation or similar covenant in favor of a Person other than the Company, or (D) any non-solicitation provision not entered into the Ordinary Course of Business;

(iii) each Company Contract relating to capital expenditures and requiring payments after the date of this Agreement in excess of \$100,000 pursuant to its express terms and not cancelable without penalty;

(iv) each Company Contract relating to the disposition or acquisition of material assets or any ownership interest in any Entity, except as contemplated hereby;

(v) each Company Contract relating to any mortgages, indentures, loans, notes or credit agreements, security agreements or other agreements or instruments relating to the borrowing of money or extension of credit or creating any material Encumbrances with respect to any assets of the Company or any loans or debt obligations with officers or directors of the Company;

(vi) each Company Contract requiring payment by or to the Company after the date of this Agreement in excess of \$100,000 in the aggregate in the current calendar year or any future calendar year pursuant to its express terms relating to: (A) any distribution agreement (identifying any that contain exclusivity provisions); (B) any agreement involving provision of services or products with respect to any pre-clinical or clinical development activities of the Company; (C) any dealer, distributor, joint marketing, alliance, joint venture, cooperation, development or other agreement currently in force under which the Company has continuing obligations to develop or market any product, technology or service, or any agreement pursuant to which the Company has continuing obligations to develop any Intellectual Property Rights that will not be owned, in whole or in part, by the Company; or (D) any Contract with any third party providing any services relating to the manufacture or production of any product, service or technology of the Company or any Contract to sell, distribute or commercialize any products or service of the Company;

(vii) each Company Contract with any financial advisor, broker, finder, investment banker or other similar Person providing financial advisory services to the Company in connection with the Contemplated Transactions;

(viii) each Company Real Estate Lease;

(ix) each Company Contract with any Governmental Body;

(x) each Company Out-bound License and Company In-bound License, and each Company Contract containing a covenant not to sue or otherwise enforce any Intellectual Property Rights;

(xi) each Company Contract requiring the payment of any royalty, dividend or similar arrangement based on the revenues or profits of the Company;

(xii) each Company Contract, offer letter, employment agreement, or independent contractor agreement with any employee, independent contractor or other natural person service provider whose annual compensation equals or exceeds \$125,000 that (A) is not immediately terminable at will by the Company without notice, severance or other cost or payment, except as required under applicable Law, or (B) provides for retention payments, change of control payments, severance, accelerated vesting, or any similar payment or benefit that may or will become due as a result of the Merger;

(xiii) each Company Contract providing any option to receive a license or other right, any right of first negotiation, any right of first refusal or any similar right to any Person related to any material Company IP or material Intellectual Property Right licensed to the Company under a Company In-bound License;

(xiv) each Company Contract entered into in settlement of any Legal Proceeding or other dispute; and

(xv) any other Company Contract that is not terminable at will (with no penalty or payment or requirement for prior notice, except as required by applicable law) by the Company and (A) which involves payment or receipt by the Company after the date of this Agreement under any such agreement, Contract or commitment of more than \$100,000 in the aggregate, or obligations after the date of this Agreement in excess of \$100,000 in the aggregate, or (B) that is material to the business or operations of the Company taken as a whole.

(b) The Company has delivered or made available to Parent accurate and complete copies of all Company Material Contracts, including all amendments thereto. Except as set forth in Section 2.13(b) of the Company Disclosure Schedule, there are no Company Material Contracts that are not in written form. Neither the Company nor, to the Company's Knowledge, as of the date of this Agreement any other party to a Company Material Contract, has breached, violated or defaulted under, or received notice that it breached, violated or defaulted under, any of the terms or conditions of any Company Material Contract in such manner as would permit any other party to cancel or terminate any such Company Material Contract, or would permit any other party to seek damages which would reasonably be expected to be material to the Company or its business. As to the Company, as of the date of this Agreement, each Company Material Contract is valid, binding, enforceable and in full force and effect, subject to the Enforceability Exceptions. No Person is renegotiating, or has a right pursuant to the terms of any Company Material Contract to change, any material amount paid or payable to the Company under any Company Material Contract or any other material term or provision of any Company Material Contract, and no Person has indicated in writing to the Company that it desires to renegotiate, modify, not renew or cancel any Company Material Contract.

2.14 Compliance; Permits; Restrictions. The Company holds all required Governmental Authorizations which are material to the operation of the business of the Company as currently conducted (the "**Company Permits**"). Section 2.14(b) of the Company Disclosure Schedule identifies each Company Permit. Each such Company Permit is valid and in full force and effect, and the Company is in material compliance with the terms of the Company Permits. No Legal Proceeding is pending or, to the Knowledge of the Company, threatened, which seeks to revoke, limit, suspend, or materially modify any Company Permit.

2.15 Legal Proceedings; Orders.

(a) As of the date of this Agreement, there is no material pending Legal Proceeding and, to the Knowledge of the Company, no Person has threatened in writing to commence any Legal Proceeding: (i) that involves (A) the Company, (B) any Company Associate (in his or her capacity as such) or (C) any of the material assets owned or used by the Company; or (ii) that challenges, or that would have the effect of preventing, delaying, making illegal or otherwise interfering with, the Contemplated Transactions.

(b) Except as set forth in Section 2.15(b) of the Company Disclosure Schedule, since the Company's inception through the date of this Agreement, no Legal Proceeding has been pending against the Company that resulted in material liability to the Company.

(c) There is no order, writ, injunction, judgment or decree to which the Company, or any of the material assets owned or used by the Company, is subject. To the Knowledge of the Company, no officer or employees of the Company is subject to any order, writ, injunction, judgment or decree that prohibits such officer or employee from engaging in or continuing any conduct, activity or practice relating to the business of the Company or to any material assets owned or used by the Company.

2.16 **Tax Matters.**

(a) The Company has timely filed all income and other material Tax Returns that were required to be filed by or with respect to it under applicable Law. All such Tax Returns are correct and complete in all material respects and have been prepared in compliance with all applicable Law. No written claim has ever been made by any Governmental Body in any jurisdiction where the Company does not file a particular Tax Return or pay a particular Tax that the Company or such Subsidiary is subject to taxation by that jurisdiction.

(b) All income and other material Taxes due and owing by the Company on or before the date hereof (whether or not shown on any Tax Return) have been fully and timely paid. The unpaid Taxes of the Company did not, as of the date of the Company Unaudited Interim Balance Sheet, materially exceed the reserve for Tax liability (excluding any reserve for deferred Taxes established to reflect timing differences between book and Tax items) set forth on the face of the Company Unaudited Interim Balance Sheet. Since the date of the Company Unaudited Interim Balance Sheet, the Company has not incurred any material Liability for Taxes outside the Ordinary Course of Business.

(c) All Taxes that the Company is or was required by Law to withhold or collect have been duly and timely withheld or collected in all material respects on behalf of its respective employees, independent contractors, stockholders, lenders, customers or other third parties and have been timely paid to the proper Governmental Body or other Person or properly set aside in accounts for this purpose.

(d) There are no Encumbrances for material Taxes (other than Taxes not yet due and payable) upon any of the assets of the Company.

(e) No deficiencies for a material amount of Taxes with respect to the Company have been claimed, proposed or assessed by any Governmental Body in writing. There are no pending or ongoing and, to the Knowledge of the Company, no threatened audits, assessments or other actions for or relating to any liability in respect of a material amount of Taxes of the Company. The Company nor any of its predecessors has waived any statute of limitations or agreed to any extension of time with respect to any income or other material Tax assessment or deficiency.

(f) The Company has not been a United States real property holding corporation within the meaning of Section 897(c)(2) of the Code during the applicable period specified in Section 897(c)(1)(A)(ii) of the Code.

(g) The Company is not a party to any Tax allocation agreement, Tax sharing agreement, Tax indemnity agreement, or similar agreement or arrangement, other than customary commercial Contracts entered into in the Ordinary Course of Business the principal subject matter of which is not Taxes.

(h) The Company (nor Parent as a result of the Mergers) will not be required to include any item of income in, or exclude any item of deduction from, taxable income for any Tax period (or portion thereof) ending after the Closing Date as a result of any: (i) change in method of accounting for Tax purposes for a Tax period ending on or prior to the Closing Date; (ii) use of an improper method of accounting for a Tax period ending on or prior to the Closing Date; (iii) "closing agreement" as described in Section 7121 of the Code (or any similar provision of state, local or foreign Law) executed on or prior to the Closing Date; (iv) intercompany transaction or excess loss account described in Treasury Regulations under Section 1502 of the Code (or any similar provision of state, local or foreign Law); (v) installment sale or open transaction disposition made on or prior to the Closing Date; or (vi) prepaid amount, advance payment or deferred revenue received or accrued on or prior to the Closing Date.

(i) The Company has not ever been (i) a member of a consolidated, combined or unitary Tax group (other than such a group the common parent of which is the Company) or (ii) a party to any joint venture, partnership, or other arrangement that is treated as a partnership for U.S. federal income Tax purposes. The Company has no Liability for any material Taxes of any Person (other than the Company) under Treasury Regulations Section 1.1502-6 (or any similar provision of state, local, or foreign Law), as a transferee or successor, by Contract (other than a Contract entered into in the Ordinary Course of Business the principal subject matter of which is not Taxes) or otherwise by operation of law.

(j) The Company has not ever distributed stock of another Person, or had its stock distributed by another Person, in a transaction that was purported or intended to be governed in whole or in part by Section 355 of the Code or Section 361 of the Code (or any similar provisions of state, local or foreign Law).

(k) The Company has not had a permanent establishment (within the meaning of an applicable Tax treaty) or otherwise had an office or fixed place of business in a country other than the country in which it is organized.

(l) The Company has not participated in or been a party to a transaction that, as of the date of this Agreement, constitutes a “listed transaction” within the meaning of Section 6707A(c)(2) of the Code and Treasury Regulations Section 1.6011-4(b)(2).

(m) Section 2.16(n) of the Company Disclosure Schedule sets forth the entity classification of the Company for U.S. federal income tax purposes. The Company has not made an election or taken any other action to change its federal and state income tax classification from such classification.

For purposes of this Section 2.16, each reference to the Company shall be deemed to include any Person that was liquidated into, merged with, or is otherwise a predecessor to, the Company.

2.17 Employee and Labor Matters; Benefit Plans.

(a) Section 2.17(a) of the Company Disclosure Schedule is a list of all material Company Benefit Plans, other than at-will employment offer letters on the Company’s standard form and other than individual compensatory equity award agreements made pursuant to the Company’s standard forms, in which case only representative standard forms of such agreements shall be scheduled. “**Company Benefit Plan**” means each (i) “employee benefit plan” as defined in Section 3(3) of ERISA and (ii) other pension, retirement, deferred compensation, excess benefit, profit-sharing, bonus, incentive, equity or equity-based, phantom equity, employment, consulting, severance, change-of-control, retention, health, life, disability, group insurance, paid time off, holiday, welfare and fringe benefit plan, program, agreement, Contract, or arrangement (whether written or unwritten, qualified or nonqualified, funded or unfunded, subject or not subject to ERISA and including any that have been frozen), in each case, sponsored, maintained, administered, contributed to, or required to be contributed to, by the Company for the benefit of any current or former employee, director, officer or independent contractor of the Company (or beneficiary thereof) or under which the Company has any actual or contingent liability (including, without limitation, by reason of having a Company ERISA Affiliate).

(b) As applicable with respect to each material Company Benefit Plan, the Company has made available to Parent, true and complete copies of (i) each material Company Benefit Plan, including all amendments thereto, and in the case of an unwritten material Company Benefit Plan, a written description thereof, (ii) all current trust documents, investment management Contracts, custodial agreements, administrative services agreements and insurance and annuity Contracts relating thereto, (iii) the current summary plan description and each summary of material modifications thereto, (iv) the most

recently filed annual reports with any Governmental Body (*e.g.*, Form 5500 and all schedules thereto), (v) the most recent IRS determination, opinion or advisory letter, (vi) the most recent summary annual reports, nondiscrimination testing reports, actuarial reports, financial statements and trustee reports, and (vii) all notices and filings from the IRS or Department of Labor or other Governmental Body concerning audits or investigations, or “prohibited transactions” within the meaning of Section 406 of ERISA or Section 4975 of the Code.

(c) Each Company Benefit Plan has been maintained, operated and administered in compliance in all material respects with its terms and the applicable provisions of ERISA, the Code and all other Laws.

(d) The Company Benefit Plans which are “employee pension benefit plans” within the meaning of Section 3(2) of ERISA and which are intended to meet the qualification requirements of Section 401(a) of the Code have received determination or opinion letters from the IRS on which they may currently rely to the effect that such plans are qualified under Section 401(a) of the Code and the related trusts are exempt from federal income Taxes under Section 501(a) of the Code, respectively, and nothing has occurred that would reasonably be expected to materially adversely affect the qualification of such Company Benefit Plan or the tax exempt status of the related trust.

(e) Neither the Company nor any Company ERISA Affiliate maintains, contributes to, is required to contribute to, or has any actual or contingent liability with respect to, (i) any “employee pension benefit plan” (within the meaning of Section 3(2) of ERISA) that is subject to Title IV or Section 302 of ERISA or Section 412 of the Code, (ii) any “multiemployer plan” (within the meaning of Section 3(37) of ERISA), (iii) any “multiple employer plan” (within the meaning of Section 413 of the Code) or (iv) any “multiple employer welfare arrangement” (within the meaning of Section 3(40) of ERISA).

(f) There are no pending audits or investigations by any Governmental Body involving any Company Benefit Plan, and no pending or, to the Knowledge of the Company, threatened claims (except for routine individual claims for benefits payable in the normal operation of the Company Benefit Plans), suits or proceedings involving any Company Benefit Plan, or, to the Knowledge of the Company, any fiduciary thereof or service provider thereto, in any case except as would not be reasonably expected to result in material liability to the Company. All contributions and premium payments required to have been made under any of the Company Benefit Plans or by applicable Law (without regard to any waivers granted under Section 412 of the Code), have been timely made and the Company has no material liability for any unpaid contributions with respect to any Company Benefit Plan.

(g) None of the Company, any Company ERISA Affiliate or, to the Knowledge of the Company, any fiduciary, trustee or administrator of any Company Benefit Plan, has engaged in, or in connection with the Contemplated Transactions will engage in, any transaction with respect to any Company Benefit Plan which would subject any such Company Benefit Plan, the Company, or Parent to a material Tax, material penalty or material liability for a “prohibited transaction” under Section 406 of ERISA or Section 4975 of the Code.

(h) No Company Benefit Plan provides death, medical, dental, vision, life insurance or other welfare benefits beyond termination of service or retirement other than coverage mandated by Law and, to the Knowledge of the Company, the Company has not made a written representation promising the same.

(i) Neither the execution of this Agreement, nor the performance of the Contemplated Transactions (either alone or when combined with the occurrence of any other event, including without limitation, a termination of employment), will: (i) result in any payment becoming due to any current or former employee, director, officer, or independent contractor of the Company thereof, pursuant to any Company Benefit Plan (ii) increase any amount of compensation or benefits otherwise payable under any Company Benefit Plan, (iii) result in the acceleration of the time of payment, funding or vesting of any benefits under any Company Benefit Plan, (iv) require any contribution or payment to fund any obligation under any Company Benefit Plan or (v) limit the right to merge, amend or terminate any Company Benefit Plan.

(j) Except as set forth in Section 2.17(a) of the Company Disclosure Schedule, neither the execution of this Agreement, nor the consummation of the Contemplated Transactions (either alone or when combined with the occurrence of any other event, including without limitation, a termination of employment) will result in the receipt or retention by any person who is a “disqualified individual” (within the meaning of Code Section 280G) with respect to the Company of any payment or benefit that is or could be characterized as a “parachute payment” (within the meaning of Code Section 280G), determined without regard to the application of Code Section 280G(b)(5).

(k) No current or former employee, officer, director or independent contractor of the Company has any “gross up” agreements with the Company or other assurance of reimbursement by the Company for any Taxes imposed under Code Section 409A or Code Section 4999.

(l) The Company does not maintain any Company Benefit Plan for the benefit of any service providers located outside of the United States.

(m) The Company has provided to Parent a true and correct list, as of the date of this Agreement, containing the names of all current full-time, part-time or temporary employees and independent contractors (and indication as such), and, as applicable: (i) the annual dollar amount of all cash compensation in the form of wages, salary, fees, commissions, or director’s fees payable to each person; (ii) dates of employment or service; (iii) title and, with respect to independent contractors, a current written description of such person’s contracting services; (iv) visa status, if applicable; and (v) with respect to employees, (A) a designation of whether they are classified as exempt or non-exempt for purposes of the Fair Labor Standards Act, as amended (“*FLSA*”) and any similar state law and (B) whether such an employee is on leave and, if so, the expected return date.

(n) The Company is not and has never been a party to, bound by, or has a duty to bargain under, any collective bargaining agreement or other Contract with a labor union or similar labor organization representing any of its employees, and there is no labor union or similar labor organization representing or, to the Knowledge of the Company, purporting to represent or seeking to represent any employees of the Company, including through the filing of a petition for representation election. There is not and has not been in the past five years, nor, to the Knowledge of the Company, is there or has there been since the Company’s inception any threat of, any strike, slowdown, work stoppage, lockout, union election petition, demand for recognition, or any similar activity or dispute or any union organizing activity, affecting the Company.

(o) The Company is, and since the Company’s inception has been, in material compliance with all applicable Laws respecting labor, employment, employment practices, and terms and conditions of employment, including worker classification, discrimination, harassment and retaliation, equal employment opportunities, fair employment practices, meal and rest periods, immigration, employee safety and health, payment of wages (including overtime wages), unemployment and workers’ compensation, leaves of absence, and hours of work. Except as would not be reasonably likely to result in a material liability to the Company, with respect to employees of the Company, the Company, since the Company’s inception, has withheld and reported all amounts required by Law to be withheld and reported

with respect to wages, salaries and other payments, benefits, or compensation to employees. There is no material Legal Proceeding pending or, to the Knowledge of the Company, threatened or reasonably anticipated against the Company relating to any current or former employee, applicant for employment, or consultant of the Company.

(p) Within the preceding two years, the Company has complied in all material respects with the WARN Act, and no action that could trigger the WARN Act will be implemented before the Closing Date without advance notification to and approval of Parent.

2.18 **Environmental Matters.** The Company is and since inception has complied with all applicable Environmental Laws, which compliance includes the possession by the Company of all permits and other Governmental Authorizations required under applicable Environmental Laws and compliance with the terms and conditions thereof, except for any failure to be in such compliance that, either individually or in the aggregate, would not reasonably be expected to be material to the Company or its business. The Company has not received since inception any written notice or other communication (in writing or otherwise), whether from a Governmental Body or other Person, that alleges that the Company is not in compliance with or has liability pursuant to any Environmental Law and, to the Knowledge of the Company, there are no circumstances that would reasonably be expected to prevent or interfere with the Company's compliance in any material respects with any Environmental Law, except where such failure to comply would not reasonably be expected to be material to the Company or its business. No current or (during the time a prior property was leased or controlled by the Company) prior property leased or controlled by the Company has had a release of or exposure to Hazardous Materials in material violation of or as would reasonably be expected to result in any material liability of the Company pursuant to Environmental Law. No consent, approval or Governmental Authorization of or registration or filing with any Governmental Body is required by Environmental Laws in connection with the execution and delivery of this Agreement or consummation of the Contemplated Transactions by the Company. Prior to the date hereof, the Company has provided or otherwise made available to Parent true and correct copies of all material environmental reports, assessments, studies and audits in the possession or control of the Company with respect to any property leased or controlled by the Company or any business operated by it.

2.19 **Insurance.** The Company has delivered or made available to Parent accurate and complete copies of all material insurance policies and all material self-insurance programs and arrangements relating to the business, assets, liabilities and operations of the Company. Each of such insurance policies is in full force and effect and the Company is in compliance in all material respects with the terms thereof. Other than customary end of policy notifications from insurance carriers, since the Company's inception, the Company has not received any notice or other communication regarding any actual or possible: (a) cancellation or invalidation of any insurance policy; or (b) refusal or denial of any coverage, reservation of rights or rejection of any material claim under any insurance policy. The Company has provided timely written notice to the appropriate insurance carrier(s) of each Legal Proceeding that is currently pending against the Company for which the Company has insurance coverage, and no such carrier has issued a denial of coverage or a reservation of rights with respect to any such Legal Proceeding, or informed the Company of its intent to do so.

2.20 **No Financial Advisors.** Except as set forth in Section 2.20 of the Company Disclosure Schedule, no broker, finder or investment banker is entitled to any brokerage fee, finder's fee, opinion fee, success fee, transaction fee or other fee or commission in connection with the Contemplated Transactions based upon arrangements made by or on behalf of the Company.

2.21 Transactions with Affiliates.

(a) Section 2.21(a) of the Company Disclosure Schedule describes any material transactions or relationships, since the Company's inception, between, on one hand, the Company and, on the other hand, any (i) officer or director of the Company or, to the Knowledge of the Company, any of such officer's or director's immediate family members, (ii) owner of more than 5% of the voting power of the outstanding Company Capital Stock or (iii) to the Knowledge of the Company, any "related person" (within the meaning of Item 404 of Regulation S-K under the Securities Act) of any such officer, director or owner (other than the Company) in the case of each of (i), (ii) or (iii) that is of the type that would be required to be disclosed under Item 404 of Regulation S-K under the Securities Act.

(b) Section 2.21(b) of the Company Disclosure Schedule lists each stockholders agreement, voting agreement, registration rights agreement, co-sale agreement or other similar Contract between the Company and any holders of Company Capital Stock, including any such Contract granting any Person investor rights, rights of first refusal, rights of first offer, registration rights, director designation rights or similar rights (collectively, the "**Investor Agreements**").

2.22 **Anti-Bribery.** None of the Company nor any of its directors, officers, employees or, to the Company's Knowledge, agents or any other Person acting on their behalf (in each in their respective capacities as such) has directly or indirectly made any bribes, rebates, payoffs, influence payments, kickbacks, illegal payments, illegal political contributions, or other payments, in the form of cash, gifts, or otherwise, or taken any other action, in violation of the Foreign Corrupt Practices Act of 1977, the UK Bribery Act of 2010 or any other anti-bribery or anti-corruption Law (collectively, the "**Anti-Bribery Laws**"). The Company is not, nor has ever been, the subject of any investigation or inquiry by any Governmental Body with respect to potential violations of Anti-Bribery Laws.

2.23 Disclaimer of Other Representations or Warranties.

(a) Except as previously set forth in this Section 2 or in any certificate delivered by the Company to Parent and/or Merger Subs pursuant to this Agreement, the Company makes no representation or warranty, express or implied, at law or in equity, with respect to it or any of its assets, liabilities or operations, and any such other representations or warranties are hereby expressly disclaimed.

(b) The Company acknowledges and agrees that, except for the representations and warranties of Parent and Merger Subs set forth in Section 3 or in any certificate delivered by Parent and/or Merger Subs to the Company pursuant to this Agreement, none of Parent, Merger Subs or any of their respective Representatives is relying on any other representation or warranty of Parent or any other Person made outside of Section 3 or such certificate, including regarding the accuracy or completeness of any such other representations or warranties or the omission of any material information, whether express or implied, in each case, with respect to the Contemplated Transactions.

SECTION 3. REPRESENTATIONS AND WARRANTIES OF PARENT AND MERGER SUBS

Subject to Section 8.13(h), except (a) as set forth in the disclosure schedule delivered by Parent to the Company (the "**Parent Disclosure Schedule**") or (b) as disclosed in the Parent SEC Documents filed with the SEC after December 31, 2020 and prior to the date hereof and publicly available on the SEC's Electronic Data Gathering Analysis and Retrieval system (but (i) without giving effect to any amendment thereof filed with, or furnished to the SEC on or after the date hereof and (ii) excluding any disclosures contained under the heading "Risk Factors" and any disclosure of risks included in any "forward-looking statements" disclaimer or in any other section to the extent they are forward-looking statements or cautionary, predictive or forward-looking in nature), it being understood that any matter disclosed in the Parent SEC Documents (x) shall not be deemed disclosed for purposes of Section 3.1,

Section 3.2, Section 3.3, Section 3.4, Section 3.5, Section 3.6, and Section 3.7 and (y) shall be deemed to be disclosed in a section of the Parent Disclosure Schedule only to the extent that it is readily apparent from a reading of such Parent SEC Documents that is applicable to such section of the Parent Disclosure Schedule, Parent and Merger Sub represent and warrant to the Company as follows:

3.1 Due Organization; Subsidiaries.

(a) Each of Parent, First Merger Sub and Second Merger Sub is a corporation duly incorporated, validly existing and in good standing under the Laws of the jurisdiction of its incorporation, and has all necessary corporate power and authority: (i) to conduct its business in the manner in which its business is currently being conducted; (ii) to own or lease and use its property and assets in the manner in which its property and assets are currently owned or leased and used; and (iii) to perform its obligations under all Contracts by which it is bound. Since their respective date of incorporation, no Merger Sub has engaged in any activities other than activities incident to its formation or in connection with or as contemplated by this Agreement.

(b) Parent is duly licensed and qualified to do business, and is in good standing (to the extent applicable in such jurisdiction), under the Laws of all jurisdictions where the nature of its business requires such licensing or qualification other than in jurisdictions where the failure to be so qualified individually or in the aggregate would not be reasonably expected to have a Parent Material Adverse Effect.

(c) Parent has no Subsidiaries, except for the Entities identified in Section 3.1(c) of the Parent Disclosure Schedule; and neither Parent nor any of the Entities identified in Section 3.1(c) of the Company Disclosure Schedule owns any capital stock of, or any equity, ownership or profit-sharing interest of any nature in, or controls directly or indirectly, any other Entity other than the Entities identified in Section 3.1(c) of the Company Disclosure Schedule. Each of Parent's Subsidiaries is a corporation or other legal entity duly organized, validly existing and, if applicable, in good standing under the Laws of the jurisdiction of its organization and has all necessary corporate or other power and authority: (i) to conduct its business in the manner in which its business is currently being conducted; (ii) to own or lease and use its property and assets in the manner in which its property and assets are currently owned or leased and used; and (iii) to perform its obligations under all Contracts by which it is bound.

(d) Neither the Parent nor any of its Subsidiaries is or has otherwise been, directly or indirectly, a party to, member of or participant in any partnership, joint venture or similar business Entity. Neither the Parent nor any of its Subsidiaries has agreed or is obligated to make, or is bound by any Contract under which it may become obligated to make, any future investment in or capital contribution to any other Entity. Neither the Parent nor any of its Subsidiaries has, at any time, been a general partner of, or has otherwise been liable for, any of the debts or other obligations of, any general partnership, limited partnership or other Entity.

3.2 Organizational Documents. Parent has made available to the Company accurate and complete copies of the Organizational Documents or Parent and each of its Subsidiaries in effect as of the date of this Agreement. Neither Parent nor any of its Subsidiaries is in breach or violation of its respective Organizational Documents.

3.3 **Authority; Binding Nature of Agreement.**

(a) The Parent and each of its Subsidiaries (including the Merger Subs) have all necessary corporate power and authority to enter into and to perform its obligations under this Agreement and, subject, with respect to Parent, to receipt of the Required Parent Stockholder Vote and, with respect to Merger Subs, the adoption of this Agreement by Parent in its capacity as sole stockholder of Merger Subs, to perform its obligations hereunder and to consummate the Contemplated Transactions. The Parent Board (at meetings duly called and held) has: (i) determined that the Contemplated Transactions are fair to, advisable and in the best interests of Parent and its stockholders; (ii) authorized, approved and declared advisable this Agreement and the Contemplated Transactions, including the issuance of Parent Common Stock Payment Shares and Parent Preferred Stock Payment Shares to the stockholders of the Company pursuant to the terms of this Agreement and the treatment of the Company Options pursuant to this Agreement; and (iii) determined to recommend, upon the terms and subject to the conditions set forth in this Agreement, that the stockholders of Parent vote to approve the Parent Stockholder Matters. The First Merger Sub Board (by unanimous written consent) has: (A) determined that the Contemplated Transactions are fair to, advisable, and in the best interests of First Merger Sub and its sole stockholder; (B) authorized, approved and declared advisable this Agreement and the Contemplated Transactions; and (C) determined to recommend, upon the terms and subject to the conditions set forth in this Agreement, that the stockholder of First Merger Sub vote to adopt this Agreement and thereby approve the Contemplated Transactions. The Second Merger Sub Board (by unanimous written consent) has: (A) determined that the Contemplated Transactions are fair to, advisable, and in the best interests of Second Merger Sub and its sole member; (B) authorized, approved and declared advisable this Agreement and the Contemplated Transactions; and (C) determined to recommend, upon the terms and subject to the conditions set forth in this Agreement, that the member of Second Merger Sub vote to adopt this Agreement and thereby approve the Contemplated Transactions.

(b) This Agreement has been duly executed and delivered by Parent and each Merger Sub and, assuming the due authorization, execution and delivery by the Company, constitutes the legal, valid and binding obligation of Parent and Merger Subs, enforceable against each of Parent and Merger Subs in accordance with its terms, subject to the Enforceability Exceptions.

3.4 **Vote Required.** The approval of holders of Parent Common Stock is not required in order to approve this Agreement or, except with respect to Parent Stockholder Matters, the transactions contemplated hereby. The affirmative vote of a majority of the votes cast at the Parent Stockholders' Meeting by the holders of Parent Common Stock (other than the Parent Common Stock Payment Shares to be issued at Closing pursuant to this Agreement) are the only vote of the holders of any class or series of Parent's capital stock necessary to approve the proposal described in Section 4.2(a)(i) ("**Required Parent Stockholder Vote**").

3.5 **Non-Contravention; Consents.** Subject to obtaining the Required Parent Stockholder Vote, the filing of the Certificates of Merger required by the DGCL and the filing of the Certificate of Designation, neither (x) the execution, delivery or performance of this Agreement by Parent or Merger Subs, nor (y) the consummation of the Contemplated Transactions, will directly or indirectly (with or without notice or lapse of time):

(a) contravene, conflict with or result in a violation of any of the provisions of the Organizational Documents of Parent or Merger Subs;

(b) contravene, conflict with or result in a violation of, give any Governmental Body or other Person the right to challenge the Contemplated Transactions or to exercise any remedy or obtain any relief under, any Law or any order, writ, injunction, judgment or decree to which Parent or its Subsidiaries, or any of the assets owned or used by Parent or its Subsidiaries, is subject, except as would not reasonably be expected to be material to Parent or its business;

(c) contravene, conflict with or result in a violation of any of the terms or requirements of, or give any Governmental Body the right to revoke, withdraw, suspend, cancel, terminate or modify, any Governmental Authorization that is held by Parent, except as would not reasonably be expected to be material to Parent or its business;

(d) contravene, conflict with or result in a violation or breach of, or result in a default under, any provision of any Parent Material Contract, or give any Person the right to: (i) declare a default or exercise any remedy under any Parent Material Contract; (ii) any material payment, rebate, chargeback, penalty or change in delivery schedule under any Parent Material Contract; (iii) accelerate the maturity or performance of any Parent Material Contract; or (iv) cancel, terminate or modify any term of any Parent Material Contract, except in the case of any non-material breach, default, penalty or modification; or

(e) result in the imposition or creation of any Encumbrance upon or with respect to any asset owned or used by Parent (except for Permitted Encumbrances).

Except for (i) any Consent set forth in Section 3.5 of the Parent Disclosure Schedule under any Parent Contract, (ii) the Required Parent Stockholder Vote, (iii) the filing of the Certificates of Merger with the Secretary of State of the State of Delaware pursuant to the DGCL, (iv) the filing of the Certificate of Designation with the Secretary of State of the State of Delaware pursuant to the DGCL and (v) such consents, waivers, approvals, orders, authorizations, registrations, declarations and filings as may be required under applicable federal and state securities Laws, neither Parent nor any of its Subsidiaries is or will be required to make any filing with or give any notice to, or to obtain any Consent from, any Person in connection with (A) the execution, delivery or performance of this Agreement, or (B) the consummation of the Contemplated Transactions. The Parent Board and the First Merger Sub Board and the Second Merger Sub Board have taken and will take all actions necessary to ensure that the restrictions applicable to business combinations contained in Section 203 of the DGCL (or analogous provisions) are, and will be, inapplicable to the execution, delivery and performance of this Agreement, the Lock-Up Agreements and to the consummation of the Contemplated Transactions. No other state takeover statute or similar Law applies or purports to apply to the Merger, this Agreement or any of the other Contemplated Transactions.

3.6 Capitalization.

(a) The authorized capital stock of Parent as of the date of this Agreement consists of 500,000,000 shares of Parent Common Stock, par value \$0.0001 per share, of which 65,395,159 shares have been issued and are outstanding as of the close of business on the Reference Date and 10,000,000 shares of preferred stock of Parent, par value \$0.0001 per share, of which no shares have been issued and are outstanding as of the date of this Agreement. Parent does not hold any shares of its capital stock in its treasury.

(b) All of the outstanding shares of Parent Common Stock have been duly authorized and validly issued, and are fully paid and nonassessable. None of the outstanding shares of Parent Common Stock are entitled or subject to any preemptive right, right of participation, right of maintenance or any similar right and none of the outstanding shares of Parent Common Stock is subject to any right of first refusal in favor of Parent. Except as contemplated herein, there is no Parent Contract relating to the voting or registration of, or restricting any Person from purchasing, selling, pledging or otherwise disposing of (or granting any option or similar right with respect to), any shares of Parent Common Stock. Parent is not under any obligation, nor is it bound by any Contract pursuant to which it may become obligated, to repurchase, redeem or otherwise acquire any outstanding shares of Parent Common Stock or other securities. Section 3.6(b) of the Parent Disclosure Schedule accurately and completely lists all repurchase rights held by Parent with respect to shares of Parent Common Stock (including shares issued pursuant to the exercise of stock options) and specifies which of those repurchase rights are currently exercisable and whether the holder of such shares of Parent Common Stock timely filed an election with the relevant Governmental Bodies under Section 83(b) of the Code with respect to such shares.

(c) Except for the Parent Stock Plans, and except as set forth in Section 3.6(c) of the Parent Disclosure Schedule, Parent does not have any stock option plan or any other plan, program, agreement or arrangement providing for any equity-based compensation for any Person. As of the close of business on the Reference Date, (i) Parent has reserved 15,700,776 shares of Parent Common Stock for issuance under the Parent Stock Plans, of which Parent RSUs and Parent Options to purchase a total of 10,162,453 shares, in the aggregate, have been issued and are currently outstanding of, which no shares are subject to Parent's right of repurchase, of which (1) 10,160,786 shares have been reserved for issuance upon exercise of Parent Options previously granted and currently outstanding under the Parent Stock Plans, (2) 1,667 shares have been reserved for issuance upon the settlement of Parent RSUs granted under the Parent Stock Plans that are outstanding as of the close of business on the Reference Date, and (3) 5,538,323 shares remain available for future issuance pursuant to the Parent Stock Plans; and (ii) 2,323,888 shares have been reserved and available for purchase under the Parent ESPP, of which 498,554 shares have been issued under the Parent ESPP and 1,825,334 shares remain available for future purchase under the Parent ESPP. Section 3.6(c) of the Parent Disclosure Schedule sets forth the following information with respect to each Parent Option and Parent RSU outstanding as of the Reference Date: (i) the name of the holder; (ii) the number of shares of Parent Common Stock subject to such Parent Option or Parent RSU at the time of grant; (iii) the number of shares of Parent Common Stock subject to such Parent Option or Parent RSU as of the close of business on the Reference Date; (iv) the exercise price of such Parent Option; (v) the date on which such Parent Option or Parent RSU was granted; (vi) the applicable vesting schedule, including the number of vested and unvested shares as of the close of business on the Reference Date and any acceleration provisions; (vii) the date on which such Parent Option or Parent RSU expires; (viii) whether such Parent Option is intended to constitute an "incentive stock option" (as defined in the Code) or a non-qualified stock option and (ix) whether such Parent Option is "early exercisable". Parent has made available to the Company accurate and complete copies of the Parent Stock Plans and the form of the stock option agreements and restricted stock unit agreements evidencing outstanding Parent Options and Parent RSUs granted thereunder. No vesting of Parent Options or Parent RSUs will be accelerated in connection with the closing of the Contemplated Transactions other than as set forth on such Section 3.6(c) of the Parent Disclosure Schedule.

(d) Except for the Parent Options and the Parent RSUs granted pursuant to the Parent Stock Plans, and as otherwise set forth in Section 3.6(d) of the Parent Disclosure Schedule, there is no: (i) outstanding subscription, option, call, warrant or right (whether or not currently exercisable) to acquire any shares of the capital stock or other securities of Parent or any of its Subsidiaries; (ii) outstanding security, instrument or obligation that is or may become convertible into or exchangeable for any shares of the capital stock or other securities of Parent or any of its Subsidiaries; or (iii) condition or circumstance that could be reasonably likely to give rise to or provide a basis for the assertion of a claim by any Person to the effect that such Person is entitled to acquire or receive any shares of capital stock or other securities of Parent or any of its Subsidiaries (it being understood that Parent intends to issue prior to (but contingent upon) the Closing restricted stock units to certain employees of the Company identified in the Company Disclosure Schedule). There are no outstanding or authorized stock appreciation, phantom stock, profit participation or other similar rights with respect to Parent or any of its Subsidiaries. In addition, there are no stockholder rights plans (or similar plan commonly referred to as a "poison pill") or bonds, debentures, notes or other indebtedness of Parent having the right to vote (or convertible into, or exchangeable for, securities having the right to vote) on any matters on which stockholders of Parent may vote.

(e) All outstanding shares of Parent Common Stock, Parent Options, Parent RSUs and other securities of Parent have been issued and granted in material compliance with (i) the Organizational Documents of Parent in effect as of the relevant time and all applicable securities Laws and other applicable Law, and (ii) all requirements set forth in applicable Contracts.

(f) All distributions, dividends, repurchases and redemptions of Parent Common Stock or other equity interests of Parent were undertaken in material compliance with (i) the Organizational Documents of Parent in effect as of the relevant time and all applicable securities Laws and other applicable Laws, and (ii) all requirements set forth in applicable Contracts.

3.7 **SEC Filings; Financial Statements.**

(a) Parent has delivered or made available to the Company accurate and complete copies of all registration statements, proxy statements, Certifications (as defined below) and other statements, reports, schedules, forms and other documents filed by Parent with the SEC since December 31, 2020 (the “**Parent SEC Documents**”), other than such documents that can be obtained on the SEC’s website at www.sec.gov. Since December 31, 2020, all material statements, reports, schedules, forms and other documents required to have been filed by Parent or its officers with the SEC have been so filed on a timely basis. As of the time it was filed with the SEC (or, if amended or superseded by a filing prior to the date of this Agreement, then on the date of such filing), each of the Parent SEC Documents complied in all material respects with the applicable requirements of the Securities Act or the Exchange Act (as the case may be) and, as of the time they were filed, or if amended or superseded by a filing prior to the date of this Agreement, on the date of the last such amendment or superseding filing prior to the date of this Agreement, none of the Parent SEC Documents contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The certifications and statements required by (i) Rule 13a-14 under the Exchange Act and (ii) 18 U.S.C. §1350 (Section 906 of the Sarbanes-Oxley Act) relating to the Parent SEC Documents (collectively, the “**Certifications**”) are accurate and complete and comply as to form and content with all applicable Laws, and no current or former executive officer of Parent has failed to make the Certifications required of him or her. Parent has made available to the Company true and complete copies of all correspondence, other than transmittal correspondence or general communications by the SEC not specifically addressed to Parent, between the SEC, on the one hand, and Parent, on the other, since December 31, 2020, including all SEC comment letters and responses to such comment letters and responses to such comment letters by or on behalf of Parent except for such comment letters and responses to such comment letters that are publicly accessible through EDGAR. As of the date of this Agreement, there are no outstanding unresolved comments in comment letters received from the SEC or Nasdaq with respect to Parent SEC Documents. To the Knowledge of Parent, none of the Parent SEC Documents is the subject of ongoing SEC review and there are no inquiries or investigations by the SEC or any internal investigations pending or threatened, including with regards to any accounting practices of Parent. As used in this Section 3.7, the term “file” and variations thereof shall be broadly construed to include any manner in which a document or information is filed, furnished, supplied or otherwise made available to the SEC.

(b) The financial statements (including any related notes) contained or incorporated by reference in the Parent SEC Documents: (i) complied as to form in all material respects with the published rules and regulations of the SEC applicable thereto; (ii) were prepared in accordance with GAAP (except as may be indicated in the notes to such financial statements or, in the case of unaudited financial statements, except as permitted by Form 10-Q of the SEC, and except that the unaudited financial statements may not contain footnotes and are subject to normal and recurring year-end adjustments) applied on a consistent basis unless otherwise noted therein throughout the periods indicated; and (iii) fairly present, in all material respects, the financial position of Parent and its consolidated Subsidiaries as of the respective dates thereof and the results of operations and cash flows of Parent for the periods covered thereby. Other than as expressly disclosed in the Parent SEC Documents filed prior to the date hereof, there has been no material change in Parent’s accounting methods or principles that would be required to be disclosed in Parent’s financial statements in accordance with GAAP.

(c) Parent's independent registered public accounting firm has at all times since the date of enactment of the Sarbanes-Oxley Act been: (i) a registered public accounting firm (as defined in Section 2(a)(12) of the Sarbanes-Oxley Act); (ii) to the Knowledge of Parent, "independent" with respect to Parent within the meaning of Regulation S-X under the Exchange Act; and (iii) to the Knowledge of Parent, in compliance with subsections (g) through (l) of Section 10A of the Exchange Act and the rules and regulations promulgated by the SEC and the Public Company Accounting Oversight Board thereunder.

(d) Since December 31, 2020, through the date of this Agreement, Parent has not received any comment letter from the SEC or the staff thereof or any correspondence from officials of Nasdaq or the staff thereof relating to the delisting or maintenance of listing of the Parent Common Stock on Nasdaq. As of the date of this Agreement, Parent has timely responded to all comment letters of the staff of the SEC relating to the Parent SEC Documents, and the SEC has not advised Parent that any final responses are inadequate, insufficient or otherwise non-responsive. Parent has made available to the Company true, correct and complete copies or all comment letters, written inquiries and enforcement correspondences between the SEC, on the one hand, and Parent, on the other hand, occurring since December 31, 2020 and will, reasonably promptly following the receipt thereof, make available to the Company any such correspondence sent or received after the date of this Agreement. To the Knowledge of Parent, as of the date of this Agreement, none of the Parent SEC Documents is the subject of an ongoing SEC report or outstanding SEC comment.

(e) Since December 31, 2020, there have been no formal investigations regarding financial reporting or accounting policies and practices discussed with, reviewed by or initiated at the direction of the chief executive officer, chief financial officer, principal accounting officer or general counsel of Parent, the Parent Board or any committee thereof, other than ordinary course audits or reviews of accounting policies and practices or internal controls required by the Sarbanes-Oxley Act.

(f) Parent is and since its first date of listing on Nasdaq, has been, in compliance in all material respects with the applicable current listing and governance rules and regulations of Nasdaq.

(g) Parent maintains, and at all times since December 31, 2020, has maintained, a system of internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) of the Exchange Act) that is designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP and to provide reasonable assurance (i) that transactions are recorded as necessary to permit preparation of financial statements in accordance with GAAP, (ii) that receipts and expenditures are made only in accordance with authorizations of management and the Parent Board, (iii) regarding prevention or timely detection of the unauthorized acquisition, use or disposition of Parent's assets that could have a material effect on Parent's financial statements and (iv) that Parent maintains records in reasonable detail which accurately and fairly reflect the transactions and dispositions of the assets of Parent and any of its Subsidiaries. Parent has evaluated the effectiveness of Parent's internal control over financial reporting as of December 31, 2020, and, to the extent required by applicable Law, presented in any applicable Parent SEC Document that is a report on Form 10-K or Form 10-Q (or any amendment thereto) its conclusions about the effectiveness of the internal control over financial reporting as of the end of the period covered by such report or amendment based on such evaluation. Parent has disclosed, based on its most recent evaluation of internal control over financial reporting, to Parent's auditors and audit committee (and has described in Section 3.7(g) of the Parent Disclosure Schedule) (A) all material weaknesses and all

significant deficiencies, if any, in the design or operation of internal control over financial reporting that are reasonably likely to adversely affect Parent's ability to record, process, summarize and report financial information and (B) any fraud, whether or not material, that involves Parent, any of its Subsidiaries, Parent's management or other employees who have a role in the preparation of financial statements or the internal accounting controls utilized by the Parent and its Subsidiaries or (C) any claim or allegation regarding any of the foregoing. Parent has not identified, based on its most recent evaluation of internal control over financial reporting, any significant deficiencies or material weaknesses in the design or operation of Parent's internal control over financial reporting.

(h) Parent maintains "disclosure controls and procedures" (as defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act) that are reasonably designed to ensure that information required to be disclosed by Parent in the periodic reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the required time periods, and that all such information is accumulated and communicated to Parent's management as appropriate to allow timely decisions regarding required disclosure and to make the Certifications.

(i) Section 3.7(i) to the Parent Disclosure Schedule sets forth an accurate statement of Parent's cash and cash equivalents as of the close of business on the Business Day preceding the date of this Agreement, and there has been no material change in the amount thereof from such statement through the date of this Agreement. The cash forecast set forth in Section 3.7(i) to the Parent Disclosure Schedule: (i) has been prepared by Parent in good faith, (ii) is based on assumptions that Parent considers to be reasonable, and (iii) fairly reflects Parent's reasonably anticipated rate of cash usage for the periods covered therein.

(j) Parent has not been and is not currently a "shell company" as defined under Section 12b-2 of the Exchange Act.

3.8 **Absence of Changes.** Except as set forth in Section 3.8 of the Parent Disclosure Schedule, after the date of the Parent Balance Sheet, Parent and its Subsidiaries have conducted its business only in the Ordinary Course of Business (except for the execution and performance of this Agreement and the discussions, negotiations and transactions related thereto) and there has not been any (a) Parent Material Adverse Effect and (b) neither Parent nor any of its Subsidiaries has done any of the following:

(a) declared, accrued, set aside or paid any dividend or made any other distribution in respect of any shares of its capital stock or repurchased, redeemed or otherwise reacquired any shares of its capital stock or other securities (except in connection with the payment of the exercise price and/or withholding Taxes incurred upon the exercise, settlement or vesting of any award granted under the Parent Stock Plans);

(b) sold, issued, granted, pledged or otherwise disposed of or encumbered or authorized any of the foregoing with respect to: (A) any capital stock or other security of Parent (except for Parent Common Stock issued upon the valid exercise of outstanding Parent Options); (B) any option, warrant or right to acquire any capital stock or any other security, other than option grants to employees in the Ordinary Course of Business; or (C) any instrument convertible into or exchangeable for any capital stock or other security of Parent;

(c) except as required to give effect to anything in contemplation of the Closing, amended any of its Organizational Documents, or effected or been a party to any merger, consolidation, share exchange, business combination, recapitalization, reclassification of shares, stock split, reverse stock split or similar transaction except, for the avoidance of doubt, the Contemplated Transactions;

(d) formed any Subsidiary or acquired any equity interest or other interest in any other Entity or entered into a joint venture with any other Entity;

(e) (A) lent money to any Person (except for the advance of reasonable business expenses to employees, directors and consultants in the Ordinary Course of Business), (B) incurred or guaranteed any indebtedness for borrowed money, or (C) guaranteed any debt securities of others;

(f) other than as required by applicable Law or the terms of any Parent Benefit Plan as in effect on the date of this Agreement: (A) adopted, terminated, established or entered into any Parent Benefit Plan; (B) caused any Parent Benefit Plan to be amended in any material respect; (C) paid any material bonus or distributed any profit-sharing account balances or similar payment to, or, other than in the Ordinary Course of Business, increased the amount of the wages, salary, commissions, benefits or other compensation or remuneration payable to, any of its directors, officers or employees; (D) increased the severance or change-of-control benefits offered to any current, former or new employees, directors or consultants or (E) hired, terminated or gave notice of termination (other than for cause) to any (x) officer or (y) employee whose annual base salary is or is expected to be more than \$125,000 per year;

(g) entered into any collective bargaining agreement or similar agreement with any labor union, or similar labor organization;

(h) entered into any material transaction other than (A) in the Ordinary Course of Business or (B) in connection with the Contemplated Transactions;

(i) acquired any material asset or sold, leased or otherwise irrevocably disposed of any of its assets or properties, or granted any Encumbrance with respect to such assets or properties, except in the Ordinary Course of Business;

(j) sold, assigned, transferred, licensed, sublicensed or otherwise disposed of any material Parent IP (other than pursuant to non-exclusive licenses in the Ordinary Course of Business);

(k) made, changed or revoked any material Tax election, failed to pay any income or other material Tax as such Tax becomes due and payable, filed any amendment making any material change to any Tax Return, settled or compromised any income or other material Tax liability, entered into any Tax allocation, sharing, indemnification or other similar agreement or arrangement (including any “closing agreement” described in Section 7121 of the Code (or any similar Law) with any Governmental Body, but excluding customary commercial Contracts entered into in the Ordinary Course of Business the principal subject matter of which is not Taxes), requested or consented to any extension or waiver of any limitation period with respect to any claim or assessment for any income or other material Taxes (other than pursuant to an extension of time to file any Tax Return granted in the Ordinary Course of Business of not more than six months), or adopted or changed any material accounting method in respect of Taxes;

(l) made any expenditures, incurred any Liabilities or discharged or satisfied any Liabilities, in each case, in amounts that exceed the aggregate amount of \$300,000;

(m) other than as required by Law or GAAP, taken any action to change accounting policies or procedures;

(n) initiated or settled any Legal Proceeding; or

(o) agreed, resolved or committed to do any of the foregoing.

3.9 **Absence of Undisclosed Liabilities.** As of the date hereof, neither Parent nor any of its Subsidiaries has any Liability, individually or in the aggregate, of a type required to be recorded or reflected on a balance sheet or disclosed in the footnotes thereto under GAAP except for: (a) Liabilities disclosed, reflected or reserved against in the Parent Balance Sheet; (b) Liabilities that have been incurred by Parent or its Subsidiaries since the date of the Parent Balance Sheet in the Ordinary Course of Business; (c) Liabilities for performance of obligations of Parent or any of its Subsidiaries under Parent Contracts in the Ordinary Course of Business; (d) Liabilities incurred in connection with the Contemplated Transactions; (e) Liabilities which would not, individually or in the aggregate, reasonably be expected to be material to the Parent; and (f) Liabilities described in Section 3.9 of the Parent Disclosure Schedule.

3.10 **Title to Assets.** Each of Parent and its Subsidiaries owns, and has good and valid title to, or, in the case of leased properties and assets, valid leasehold interests in, all tangible properties or tangible assets and equipment used or held for use in its business or operations or purported to be owned by it, including: (a) all tangible assets reflected on the Parent Balance Sheet; and (b) all other tangible assets reflected in the books and records of Parent or any of its Subsidiaries as being owned by Parent or such Subsidiary. All of such assets are owned or, in the case of leased assets, leased by Parent or its Subsidiaries free and clear of any Encumbrances, other than Permitted Encumbrances.

3.11 **Real Property; Leasehold.** Neither Parent nor any of its Subsidiaries own or ever have owned any real property. Parent has made available to the Company (a) an accurate and complete list of all real properties with respect to which Parent directly or indirectly holds a valid leasehold interest as well as any other real estate that is in the possession of, or occupied or leased by, Parent or any of its Subsidiaries, and (b) copies of all leases under which any such real property is possessed, occupied or leased (the “***Parent Real Estate Leases***”), each of which is in full force and effect, with no existing material default thereunder by Parent or any of its Subsidiaries, or to the Knowledge of Parent, any other party thereto. Parent’s possession, occupancy, lease, use and/or operation of each such leased property conforms to all applicable Laws in all material respects, and Parent has exclusive possession of each such leased property and leasehold interest and has not granted any occupancy rights to tenants or licensees with respect to such leased property or leasehold interest. In addition, each such leased property and leasehold interest is free and clear of all Encumbrances other than Permitted Encumbrances. Parent has not received any written notice from its landlords or any Governmental Body that: (i) relates to violations of building, zoning, safety or fire ordinances or regulations; (ii) claims any defect or deficiency with respect to any of such properties; or (iii) requests the performance of any repairs, alterations or other work to such properties.

3.12 **Intellectual Property; Privacy.**

(a) Section 3.12(a) of the Parent Disclosure Schedule identifies each item of material Registered IP owned in whole or in part by the Parent or its Subsidiaries, including, with respect to each application and registration: (i) the name of the applicant/registrant and any other co-owners, (ii) the jurisdiction of application or registration, and (iii) the application or registration number. To the Knowledge of Parent, each of the U.S. patents included in Section 3.12(a) of the Parent Disclosure Schedule properly identifies by name each and every inventor of the inventions claimed therein as determined in accordance with applicable Laws of the United States. As of the date of this Agreement, no cancellation, interference, opposition, reissue, reexamination or other proceeding of any nature (other than office actions or similar communications issued by any Governmental Body in the ordinary course of prosecution of any pending applications for registration) is pending or, to the Knowledge of Parent, threatened in writing, in which the scope, validity, enforceability or ownership of any Parent IP is being or has been contested or challenged. To the Knowledge of Parent, each item of Parent IP is valid and enforceable, and with respect to the Parent’s material Registered IP, subsisting.

(b) There are no actions that must be taken within ninety (90) days of the Closing, the failure of which will result in the abandonment, lapse or cancellation of any of the Registered IP.

(c) Except as has not had and would not reasonably be expected to have, individually or in the aggregate, a Parent Material Adverse Effect, Parent or its Subsidiaries exclusively own, are the sole assignee of, or have exclusively licensed all of material Parent IP, free and clear of all Encumbrances other than Permitted Encumbrances. The Parent IP constitute all Intellectual Property Rights used in, material to or otherwise necessary for the operation of Parent's and any of its Subsidiaries' business as currently conducted. Each Parent Associate involved in the creation or development of any material Parent IP, pursuant to such Parent Associate's activities on behalf of Parent or any of its Subsidiaries, has signed a valid and enforceable written agreement containing an assignment of such Parent Associate's rights in such Parent IP to Parent or its Subsidiaries. Each Parent Associate who has or has had access to Parent's or any of its Subsidiaries' trade secrets or confidential information has signed a valid and enforceable written agreement containing confidentiality provisions protecting the Parent IP, trade secrets and confidential information. Parent has taken commercially reasonable steps to protect and preserve the confidentiality of its trade secrets and confidential information.

(d) To the Knowledge of Parent, no funding, facilities or personnel of any Governmental Body or any university, college, research institute or other educational institution has been used to create Parent IP, except for any such funding or use of facilities or personnel that does not result in such Governmental Body or institution obtaining ownership rights or a license to such Parent IP or the right to receive royalties for the practice of such Parent IP.

(e) Section 3.12(d) of Parent Disclosure Schedule sets forth each license agreement pursuant to which Parent (i) is granted a license under any material Intellectual Property Right owned by any third party that is used by Parent or its Subsidiaries in its business as currently conducted (each a "**Parent In-bound License**") or (ii) grants to any third party a license under any material Parent IP (each a "**Parent Out-bound License**") (provided, that, Parent In-bound Licenses shall not include, when entered into in the Ordinary Course of Business, material transfer agreements, services agreements, clinical trial agreements, agreements with Parent Associates, non-disclosure agreements, commercially available Software-as-a-Service offerings, or off-the-shelf software licenses; and Parent Out-bound Licenses shall not include, when entered into in the Ordinary Course of Business, material transfer agreements, clinical trial agreements, services agreements, non-disclosure agreements, or non-exclusive outbound licenses). All Parent In-bound Licenses and Parent Out-bound Licenses are in full force and effect and are valid, enforceable and binding obligations of Parent and, to the Knowledge of Parent, each other party to such Parent In-bound Licenses or Parent Out-bound Licenses. Neither Parent, nor, to the Knowledge of Parent, any other party to such Parent In-bound Licenses or Parent Out-bound Licenses, is in material breach under any Parent In-bound Licenses or Parent Out-bound Licenses. Except as set forth in Section 3.12(d) of the Parent Disclosure Schedule, none of the terms or conditions of any Parent In-Bound License or any Parent Out-bound License requires Parent or any of its Subsidiaries or any of their Affiliates to maintain, develop or prosecute any Intellectual Property Rights.

(f) To the Knowledge of Parent: (i) the operation of the business of Parent and its Subsidiaries as currently conducted does not infringe, misappropriate or otherwise violate any Intellectual Property Rights of any other Person and (ii) no other Person is infringing, misappropriating or otherwise violating any Parent IP. No Legal Proceeding is pending (or, to the Knowledge of Parent, is threatened in writing) (A) against Parent or its Subsidiaries alleging that the operation of the business of Parent or its Subsidiaries infringes or constitutes the misappropriation or other violation of any Intellectual Property Rights of another Person or (B) by Parent or its Subsidiaries alleging that another Person has infringed, misappropriated or otherwise violated any of the Parent IP. Since May 18, 2020, neither Parent nor its Subsidiaries have received any written notice or other written communication alleging that the operation of the business of Parent or its Subsidiaries infringes or constitutes the misappropriation or other violation of any Intellectual Property Right of another Person.

(g) None of the Parent IP or, to the Knowledge of Parent, any material Intellectual Property Rights exclusively licensed by Parent or its Subsidiaries, is subject to any pending or outstanding injunction, directive, order, judgment or other disposition of dispute, that adversely and materially restricts the use, transfer, registration or licensing by Parent or its Subsidiaries of any such Parent IP or material Intellectual Property Rights exclusively licensed to Parent or its Subsidiaries.

(h) To the Knowledge of Parent, Parent and the operation of Parent's and its Subsidiaries' business are, and have at all times been, in material compliance with all Privacy and Data Processing Requirements. To the knowledge of Parent, Parent and its Subsidiaries have at all applicable times provided all notices, and obtained and maintained all rights, consents, and authorizations, to Process Parent Data as Processed by or for Parent or its Subsidiaries. Since Parent's inception, there have been (i) no loss or theft of, or security breach relating to, Parent Data, (ii) no violation of any security policy of Parent or its Subsidiaries regarding any such Parent Data, and (iii) no unauthorized access to, or unauthorized, unintended, or improper use, disclosure, or other Processing of, any Parent Data. Parent and its Subsidiaries have taken commercially reasonable steps and implemented reasonable disaster recovery and security plans and procedures to protect the information technology systems used in, material to or necessary for operation of Parent's or its Subsidiaries business as currently conducted and Parent Data from unauthorized use, access, or other Processing. To the Knowledge of Parent, there have been no (i) material malfunctions or unauthorized intrusions or breaches of the information technology systems used in, material to or necessary for the operation of Parent's or its Subsidiaries' business or (ii) material unauthorized access to, or other processing of, Parent Data.

3.13 Agreements, Contracts and Commitments.

(a) Section 3.13 of the Parent Disclosure Schedule lists the following Parent Contracts in effect as of the date of this Agreement other than any Parent Benefit Plans (each, a "**Parent Material Contract**" and collectively, the "**Parent Material Contracts**");

(i) a material Contract as defined in Item 601(b)(10) of Regulation S-K as promulgated under the Securities Act;

(ii) each Parent Contract relating to any agreement of indemnification or guaranty not entered into in the Ordinary Course of Business;

(iii) each Parent Contract containing (A) any covenant limiting in any material respect the freedom of Parent or its Subsidiaries to engage in any line of business or compete with any Person, (B) any most-favored nation or other preferred pricing arrangement in favor of a Person other than Parent or any similar term by which any Person is or could become entitled to any benefit, right or privilege that must be at least as favorable to such Person as those offered to any other Person, (C) any exclusivity provision, option to receive a license, right of first refusal or right of first negotiation or similar covenant in favor of a Person other than Parent, or (D) any non-solicitation provision not entered into in the Ordinary Course of Business;

(iv) each Parent Contract relating to capital expenditures and requiring payments after the date of this Agreement in excess of \$100,000 pursuant to its express terms and not cancelable without penalty;

- (v) each Parent Contract relating to the disposition or acquisition of material assets or any ownership interest in any Entity;
- (vi) each Parent Contract relating to any mortgages, indentures, loans, notes or credit agreements, security agreements or other agreements or instruments relating to the borrowing of money or extension of credit or creating any material Encumbrances with respect to any assets of Parent or its Subsidiaries or any loans or debt obligations with officers or directors of Parent;
- (vii) each Parent Contract requiring payment by or to Parent after the date of this Agreement in excess of \$100,000 in the aggregate in the current calendar year or any future calendar year pursuant to its express terms relating to: (A) any distribution agreement (identifying any that contain exclusivity provisions); (B) any agreement involving provision of services or products with respect to any pre-clinical or clinical development activities of Parent; (C) any dealer, distributor, joint marketing, alliance, joint venture, cooperation, development or other agreement currently in force under which Parent has continuing obligations to develop or market any product, technology or service, or any agreement pursuant to which Parent has continuing obligations to develop any Intellectual Property Rights that will not be owned, in whole or in part, by Parent; or (D) any Parent Contract with any third party providing any services relating to the manufacture or production of any product, service or technology of Parent or any Parent Contract to sell, distribute or commercialize any products or service of Parent;
- (viii) each Parent Contract with any financial advisor, broker, finder, investment banker or other similar Person providing financial advisory services to Parent in connection with the Contemplated Transactions;
- (ix) each Parent Real Estate Lease;
- (x) each Parent Contract with any Governmental Body;
- (xi) each Parent Out-bound License and Parent In-bound License, and each Parent Contract containing a covenant not to sue or otherwise enforce any Intellectual Property Rights;
- (xii) each Parent Contract requiring the payment of any royalty, dividend or similar arrangement based on the revenues or profits of Parent or its Subsidiaries;
- (xiii) each Parent Contract, offer letter, employment agreement, or independent contractor agreement with any employee, independent contractor or other natural person service provider whose annual compensation equals or exceeds \$125,000 that (A) is not immediately terminable by Parent without notice, severance, or other cost or liability, except as required under applicable Law, or (B) provides for retention payments, change-of-control payments, severance, accelerated vesting, or any similar payment or benefit that may or will become due as a result of the Merger;
- (xiv) any other Contract that is not terminable at will (with no penalty or payment or requirement for prior notice, except as required by applicable law) by Parent or its Subsidiaries, as applicable, and (A) which involves payment or receipt by Parent or its Subsidiaries after the date of this Agreement under any such agreement, Contract or commitment of more than \$100,000 in the aggregate, or obligations after the date of this Agreement in excess of \$100,000 in the aggregate, or (B) that is material to the business or operations of Parent and its Subsidiaries, taken as a whole;
- (xv) each Parent Contract entered into in settlement of any Legal Proceeding or other dispute;

(xvi) each Parent Contract providing any option to receive a license or other right, any right of first negotiation, any right of first refusal or any similar right to any Person related to any material Parent IP or material Intellectual Property Right licensed to Parent under a Parent In-bound License; and

(xvii) each Parent Contract entered into in settlement of any Legal Proceeding or other dispute.

(b) Parent has delivered or made available to the Company accurate and complete copies of all Parent Material Contracts, including all amendments thereto. There are no Parent Material Contracts that are not in written form. Neither Parent nor any of its Subsidiaries has, nor, to Parent's Knowledge, as of the date of this Agreement, has any other party to a Parent Material Contract, breached, violated or defaulted under, or received notice that it breached, violated or defaulted under, any of the terms or conditions of any Parent Material Contract in such manner as would permit any other party to cancel or terminate any such Parent Material Contract, or would permit any other party to seek damages which would reasonably be expected to be material to Parent or its business. As to Parent and its Subsidiaries, as of the date of this Agreement, each Parent Material Contract is valid, binding, enforceable and in full force and effect, subject to the Enforceability Exceptions. No Person is renegotiating, or has a right pursuant to the terms of any Parent Material Contract to change, any material amount paid or payable to Parent under any Parent Material Contract or any other material term or provision of any Parent Material Contract, and no Person has indicated in writing to Parent that it desires to renegotiate, modify, not renew or cancel any Parent Material Contract.

3.14 **Compliance; Permits.** Parent or its Subsidiaries hold all required Governmental Authorizations which are material to the operation of the business of Parent or such Subsidiary as currently conducted (the "***Parent Permits***"). Section 3.14(b) of the Parent Disclosure Schedule identifies each Parent Permit. Each such Parent Permit is valid and in full force and effect, and Parent is in material compliance with the terms of the Parent Permits. No Legal Proceeding is pending or, to the Knowledge of Parent, threatened, which seeks to revoke, limit, suspend, or materially modify any Parent Permit.

3.15 **Legal Proceedings; Orders.**

(a) As of the date of this Agreement, there is no material pending Legal Proceeding and, to the Knowledge of Parent, no Person has threatened in writing to commence any Legal Proceeding: (i) that involves (A) Parent, (B) any of its Subsidiaries, (C) any Parent Associate (in his or her capacity as such) or (D) any of the material assets owned or used by Parent or its Subsidiaries; or (ii) that challenges, or that would have the effect of preventing, delaying, making illegal or otherwise interfering with, the Contemplated Transactions.

(b) Except as set forth in Section 3.15(b) of the Parent Disclosure Schedule, since January 1, 2019 through the date of this Agreement, no Legal Proceeding has been pending against Parent that resulted in material liability to Parent.

(c) There is no order, writ, injunction, judgment or decree to which Parent or any of its Subsidiaries, or any of the material assets owned or used by Parent or any of its Subsidiaries, is subject. To the Knowledge of Parent, no officer of Parent or any of its Subsidiaries is subject to any order, writ, injunction, judgment or decree that prohibits such officer or employee from engaging in or continuing any conduct, activity or practice relating to the business of Parent or any of its Subsidiaries or to any material assets owned or used by Parent or any of its Subsidiaries.

3.16 **Tax Matters.**

(a) Parent and each of its Subsidiaries have filed all income and other material Tax Returns that were required to be filed by or with respect to it under applicable Law. All such Tax Returns are correct and complete in all material respects and have been prepared in compliance with all applicable Law. No written claim has ever been made by any Governmental Body in any jurisdiction where Parent or any of its Subsidiaries does not file a particular Tax Return or pay a particular Tax that Parent or such Subsidiary is subject to taxation by that jurisdiction.

(b) All income and other material Taxes due and owing by Parent or any of its Subsidiaries on or before the date hereof (whether or not shown on any Tax Return) have been fully and timely paid. The unpaid Taxes of Parent and its Subsidiaries did not, as of the date of the Parent Balance Sheet, materially exceed the reserve for Tax liability (excluding any reserve for deferred Taxes established to reflect timing differences between book and Tax items) set forth on the face of the Parent Balance Sheet. Since the Parent Balance Sheet Date, neither Parent nor any of its Subsidiaries has incurred any material Liability for Taxes outside the Ordinary Course of Business.

(c) All Taxes that Parent and each of its Subsidiaries is or was required by Law to withhold or collect have been duly and timely withheld or collected in all material respects on behalf of its respective employees, independent contractors, stockholders, lenders, customers or other third parties and have been timely paid to the proper Governmental Body or other Person or properly set aside in accounts for this purpose.

(d) There are no Encumbrances for material Taxes (other than Taxes not yet due and payable) upon any of the assets of Parent or any of its Subsidiaries.

(e) No deficiencies for a material amount of Taxes with respect to Parent or any of its Subsidiaries have been claimed, proposed or assessed by any Governmental Body in writing. There are no pending or ongoing and, to the Knowledge of Parent, threatened audits, assessments or other actions for or relating to any liability in respect of a material amount of Taxes of Parent. Neither Parent nor any of its Subsidiaries (or predecessors thereof) has waived any statute of limitations or agreed to any extension of time with respect to any income or other material Tax assessment or deficiency.

(f) Neither Parent nor any of its Subsidiaries has been a United States real property holding corporation within the meaning of Section 897(c)(2) of the Code during the applicable period specified in Section 897(c)(1)(A)(ii) of the Code.

(g) Neither Parent nor any of its Subsidiaries is a party to any Tax allocation agreement, Tax sharing agreement, Tax indemnity agreement, or similar agreement or arrangement, other than customary commercial Contracts entered into in the Ordinary Course of Business the principal subject matter of which is not Taxes.

(h) Neither Parent nor any of its Subsidiaries will be required to include any item of income in, or exclude any item of deduction from, taxable income for any Tax period (or portion thereof) ending after the Closing Date as a result of any: (i) change in method of accounting for Tax purposes for a Tax period ending on or prior to the Closing Date; (ii) use of an improper method of accounting for a Tax period ending on or prior to the Closing Date; (iii) "closing agreement" as described in Section 7121 of the Code (or any similar provision of state, local or foreign Law) executed on or prior to the Closing Date; (iv) intercompany transaction or excess loss account described in Treasury Regulations under Section 1502 of the Code (or any similar provision of state, local or foreign Law); (v) installment sale or open transaction disposition made on or prior to the Closing Date; (vi) prepaid amount, advance payment or deferred revenue received or accrued on or prior to the Closing Date; (vii) application of Section 367(d) of the Code to any transfer of intangible property on or prior to the Closing Date; or (viii) application of Sections 951 or 951A of the Code (or any similar provision of state, local or foreign Law) to any income received or accrued on or prior to the Closing Date. Parent has not made any election under Section 965(h) of the Code.

(i) Neither Parent nor any of its Subsidiaries has ever been (i) a member of a consolidated, combined or unitary Tax group (other than such a group the common parent of which is Parent) or (ii) a party to any joint venture, partnership, or other arrangement that is treated as a partnership for U.S. federal income Tax purposes. Parent has no Liability for any material Taxes of any Person (other than Parent and any of its Subsidiaries) under Treasury Regulations Section 1.1502-6 (or any similar provision of state, local, or foreign Law), as a transferee or successor, by Contract (other than a Contract entered into in the Ordinary Course of Business the principal subject matter of which is not Taxes) or otherwise by operation of Law.

(j) Neither Parent nor any of its Subsidiaries has distributed stock of another Person, or had its stock distributed by another Person, in a transaction that was purported or intended to be governed in whole or in part by Section 355 of the Code or Section 361 of the Code (or any similar provisions of state, local or foreign Law).

(k) Parent has never had a permanent establishment (within the meaning of an applicable Tax treaty) or otherwise had an office or fixed place of business in a country other than the country in which it is organized.

(l) Neither Parent nor any of its Subsidiaries has participated in or been a party to a transaction that, as of the date of this Agreement, constitutes a “listed transaction” within the meaning of Section 6707A(c)(2) of the Code and Treasury Regulations Section 1.6011-4(b)(2).

(m) Section 3.16(n) of the Parent Disclosure Schedule sets forth the entity classification of Parent and each of its Subsidiaries for U.S. federal income tax purposes. Neither Parent nor any of its Subsidiaries has made an election or taken any other action to change its federal and state income tax classification from such classification.

For purposes of this Section 3.16, each reference to Parent or any of its Subsidiaries shall be deemed to include any Person that was liquidated into, merged with, or is otherwise a predecessor to, Parent.

3.17 Employee and Labor Matters; Benefit Plans.

(a) Section 3.17(a) of the Parent Disclosure Schedule is a list of all material Parent Benefit Plans, other than employment offer letters on Parent’s standard form and other than individual Parent Options or other compensatory equity award agreements made pursuant to the Parent’s standard forms, in which case only representative standard forms of such agreements shall be scheduled. “**Parent Benefit Plan**” means each (i) “employee benefit plan” as defined in Section 3(3) of ERISA and (ii) other pension, retirement, deferred compensation, excess benefit, profit sharing, bonus, incentive, equity or equity-based, phantom equity, employment, consulting, severance, change-of-control, retention, health, life, disability, group insurance, paid time off, holiday, welfare and fringe benefit plan, program, agreement, Contract, or arrangement (whether written or unwritten, qualified or nonqualified, funded or unfunded, subject or not subject to ERISA and including any that have been frozen), in each case, sponsored, maintained, administered, contributed to, or required to be contributed to, by Parent or any of its Subsidiaries for the benefit of any current or former employee, director, officer or independent contractor of Parent or any of its Subsidiaries or under which Parent or any of its Subsidiaries has any actual or contingent liability (including, without limitation, by reason of having a Parent ERISA Affiliate).

(b) As applicable with respect to each material Parent Benefit Plan, Parent has made available to the Company true and complete copies of (i) each material Parent Benefit Plan, including all amendments thereto, and in the case of an unwritten material Parent Benefit Plan, a written description thereof, (ii) all current trust documents, investment management Contracts, custodial agreements, administrative services agreements and insurance and annuity Contracts relating thereto, (iii) the current summary plan description and each summary of material modifications thereto, (iv) the most recently filed annual reports with any Governmental Body (*e.g.*, Form 5500 and all schedules thereto), (v) the most recent IRS determination, opinion or advisory letter, (vi) the most recent summary annual reports, nondiscrimination testing reports, actuarial reports, financial statements and trustee reports, and (vii) all notices and filings from the IRS or Department of Labor or other Governmental Body concerning audits or investigations, or “prohibited transactions” within the meaning of Section 406 of ERISA or Section 4975 of the Code.

(c) Each Parent Benefit Plan has been maintained, operated and administered in compliance in all material respects with its terms and the applicable provisions of ERISA, the Code and all other Laws.

(d) The Parent Benefit Plans which are “employee pension benefit plans” within the meaning of Section 3(2) of ERISA and which are intended to meet the qualification requirements of Section 401(a) of the Code have received determination or opinion letters from the IRS on which they may currently rely to the effect that such plans are qualified under Section 401(a) of the Code and the related trusts are exempt from federal income Taxes under Section 501(a) of the Code, respectively, and nothing has occurred that would reasonably be expected to materially adversely affect the qualification of such Parent Benefit Plan or the tax exempt status of the related trust.

(e) Neither Parent, any of its Subsidiaries nor any Parent ERISA Affiliate maintains, contributes to, is required to contribute to, or has any actual or contingent liability with respect to, (i) any “employee pension benefit plan” (within the meaning of Section 3(2) of ERISA) that is subject to Title IV or Section 302 of ERISA or Section 412 of the Code, (ii) any “multiemployer plan” (within the meaning of Section 3(37) of ERISA), (iii) any “multiple employer plan” (within the meaning of Section 413 of the Code) or (iv) any “multiple employer welfare arrangement” (within the meaning of Section 3(40) of ERISA).

(f) There are no pending audits or investigations by any Governmental Body involving any Parent Benefit Plan, and no pending or, to the Knowledge of Parent, threatened claims (except for routine individual claims for benefits payable in the normal operation of the Parent Benefit Plans), suits or proceedings involving any Parent Benefit Plan, or, to the Knowledge of Parent, any fiduciary thereof or service provider thereto, in any case except as would not be reasonably expected to result in material liability to Parent or any of its Subsidiaries. All contributions and premium payments required to have been made under any of the Parent Benefit Plans or by applicable Law (without regard to any waivers granted under Section 412 of the Code), have been timely made and neither Parent nor any Parent ERISA Affiliate has any material liability for any unpaid contributions with respect to any Parent Benefit Plan.

(g) None of Parent, any of its Subsidiaries or any Parent ERISA Affiliates, or to the Knowledge of Parent, any fiduciary, trustee or administrator of any Parent Benefit Plan, has engaged in, or in connection with the Contemplated Transactions will engage in, any transaction with respect to any Parent Benefit Plan which would subject any such Parent Benefit Plan, Parent, any of its Subsidiaries or Parent ERISA Affiliates to a material Tax, material penalty or material liability for a “prohibited transaction” under Section 406 of ERISA or Section 4975 of the Code.

(h) No Parent Benefit Plan provides death, medical, dental, vision, life insurance or other welfare benefits beyond termination of service or retirement other than coverage mandated by Law and to the Knowledge of Parent, neither Parent nor any of its Subsidiaries has made a written representation promising the same.

(i) Except as set forth in Section 3.17(i) of the Parent Disclosure Schedule, neither the execution of this Agreement, nor the performance of the Contemplated Transactions (either alone or when combined with the occurrence of any other event, including without limitation, a termination of employment) will: (i) result in any payment becoming due to any current or former employee, director, officer, or independent contractor of Parent or any Subsidiary thereof pursuant to any Parent Benefit Plan, (ii) increase any amount of compensation or benefits otherwise payable under any Parent Benefit Plan, (iii) result in the acceleration of the time of payment, funding or vesting of any benefits under any Parent Benefit Plan, (iv) require any contribution or payment to fund any obligation under any Parent Benefit Plan or (v) limit the right to merge, amend or terminate any Parent Benefit Plan.

(j) Except as set forth in Section 3.17(j) of the Parent Disclosure Schedule, neither the execution of, nor the consummation of the Contemplated Transactions (either alone or when combined with the occurrence of any other event, including without limitation, a termination of employment) will result in the receipt or retention by any person who is a “disqualified individual” (within the meaning of Code Section 280G) with respect to Parent and its Subsidiaries of any payment or benefit that is or could be characterized as a “parachute payment” (within the meaning of Code Section 280G), determined without regard to the application of Code Section 280G(b)(5).

(k) No current or former employee, officer, director or independent contractor of Parent or any of its Subsidiaries has any “gross up” agreements with the Parent or any of its Subsidiaries or other assurance of reimbursement by the Parent or any of its Subsidiaries for any Taxes imposed under Code Section 409A or Code Section 4999.

(l) Each Parent Benefit Plan maintained for the benefit of service providers located outside of the United States (each, a “**Parent Foreign Plan**”) has obtained from the Governmental Body having jurisdiction with respect to such plan any required determinations that such plan is in compliance with the Laws of any such Governmental Body.

(m) The assets of each of the Parent Foreign Plans that is similar to an employee pension benefit plan (as defined in Section 3(2) of ERISA (whether or not subject to ERISA)) or that otherwise provides retirement, medical or life insurance benefits following retirement or other termination of service or employment are at least equal to the liabilities of such plans.

(n) Parent has provided to the Company a true and correct list, as of the date of this Agreement, containing the names of all current full-time, part-time or temporary employees and independent contractors (and indication as such), and, as applicable: (i) the annual dollar amount of all cash compensation in the form of wages, salary, fees, commissions, or director’s fees payable to each person; (ii) dates of employment or service; (iii) title and, with respect to independent contractors, a current written description of such person’s contracting services; (iv) visa status, if applicable; and (v) with respect to employees, (A) a designation of whether they are classified as exempt or non-exempt for purposes of FLSA and any similar state, federal or Foreign law and (B) whether such an employee is on leave, and if so, the expected return date.

(o) Neither Parent nor any of its Subsidiaries is or has ever been a party to, bound by, or has a duty to bargain under, any collective bargaining agreement or other Contract with a labor union or similar labor organization representing any of its employees, and there is no labor union or similar labor organization representing or, to the Knowledge of Parent, purporting to represent or seeking to represent any employees of Parent or its Subsidiaries, including through the filing of a petition for representation election. There is not and has not been in the past five years, nor, to the Knowledge of Parent, is there or has there been in the past five years any threat of, any strike, slowdown, work stoppage, lockout, union election petition, demand for recognition, or any similar activity or dispute, or any union organizing activity, against Parent or any of its Subsidiaries.

(p) Parent and each of its Subsidiaries is, and since December 31, 2020 has been, in material compliance with all applicable Laws respecting labor, employment, employment practices, and terms and conditions of employment, including worker classification, discrimination, harassment and retaliation, equal employment opportunities, fair employment practices, meal and rest periods, immigration, employee safety and health, payment of wages (including overtime wages), unemployment and workers' compensation, leaves of absence, and hours of work. Except as would not be reasonably likely to result in a material liability to Parent or any of its Subsidiaries, with respect to employees of Parent and its Subsidiaries, each of Parent and its Subsidiaries, since December 31, 2020, has withheld and reported all amounts required by Law to be withheld and reported with respect to wages, salaries and other payments, benefits, or compensation to employees. There is no material Legal Proceeding pending or, to the Knowledge of Parent, threatened or reasonably anticipated against Parent or any of its Subsidiaries relating to any current or former employee, applicant for employment, or consultant of Parent.

(q) Within the preceding two years, Parent has complied in all material respects with the WARN Act.

3.18 **Environmental Matters.** Parent and each of its Subsidiaries are in compliance and since December 31, 2020 have complied with all applicable Environmental Laws, which compliance includes the possession by Parent of all permits and other Governmental Authorizations required under applicable Environmental Laws and compliance with the terms and conditions thereof, except for any failure to be in such compliance that, either individually or in the aggregate, would not reasonably be expected to be material to Parent or its business. Neither Parent nor any of its Subsidiaries has received since December 31, 2020 (or prior to that time, which is pending and unresolved), any written notice or other communication (in writing or otherwise), whether from a Governmental Body or other Person, that alleges that Parent or any of its Subsidiaries is not in compliance with or has liability pursuant to any Environmental Law and, to the Knowledge of Parent, there are no circumstances that would reasonably be expected to prevent or interfere with Parent's or any of its Subsidiaries' compliance in any material respects with any Environmental Law, except where such failure to comply would not reasonably be expected to be material to Parent or its business. No current or (during the time a prior property was leased or controlled by Parent or any of its Subsidiaries) prior property leased or controlled by Parent or any of its Subsidiaries has had a release of or exposure to Hazardous Materials in material violation of or as would reasonably be expected to result in any material liability of Parent or any of its Subsidiaries pursuant to Environmental Law. No consent, approval or Governmental Authorization of or registration or filing with any Governmental Body is required by Environmental Laws in connection with the execution and delivery of this Agreement or the consummation of the Contemplated Transactions by Parent or Merger Subs. Prior to the date hereof, Parent has provided or otherwise made available to the Company true and correct copies of all material environmental reports, assessments, studies and audits in the possession or control of Parent or any of its Subsidiaries with respect to any property leased or controlled by Parent or any of its Subsidiaries or any business operated by them.

3.19 **Transactions with Affiliates.** Except as set forth in the Parent SEC Documents filed prior to the date of this Agreement, since the date of Parent's last proxy statement filed in April 2023 with the SEC, no event has occurred that would be required to be reported by Parent pursuant to Item 404 of Regulation S-K. Section 3.19 of the Parent Disclosure Schedule identifies each Person who is (or who may be deemed to be) an Affiliate of Parent as of the date of this Agreement.

3.20 **Insurance.** Parent has delivered or made available to the Company accurate and complete copies of all material insurance policies and all material self-insurance programs and arrangements relating to the business, assets, liabilities and operations of Parent and each of its Subsidiaries. Each of such insurance policies is in full force and effect and Parent and each of its Subsidiaries is in compliance in all material respects with the terms thereof. Other than customary end of policy notifications from insurance carriers, since January 1, 2020, neither Parent nor any of its Subsidiaries has received any notice or other communication regarding any actual or possible: (a) cancellation or invalidation of any insurance policy; or (b) refusal or denial of any coverage, reservation of rights or rejection of any material claim under any insurance policy. Parent and each of its Subsidiaries has provided timely written notice to the appropriate insurance carrier(s) of each Legal Proceeding that is currently pending against Parent or any of its Subsidiaries for which Parent or such Subsidiary has insurance coverage, and no such carrier has issued a denial of coverage or a reservation of rights with respect to any such Legal Proceeding, or informed Parent or any of its Subsidiaries of its intent to do so.

3.21 **Opinion of Financial Advisor.** The Parent Board has received an opinion of Houlihan Lokey Capital Inc., dated on or about the date of the Agreement, to the effect that, as of the date of such opinion and subject to the assumptions, qualifications, limitations and other matters set forth therein, the Exchange Ratio (as specified in such opinion) is fair, from a financial point of view, to Parent. It is agreed and understood that such opinion is furnished solely for the use of the Parent Board and may not be relied upon by the Company or any other party.

3.22 **No Financial Advisors.** No broker, finder or investment banker, other than Wedbush Securities Inc. and Houlihan Lokey Capital Inc., is entitled to any brokerage fee, finder's fee, opinion fee, success fee, transaction fee or other fee or commission in connection with the Contemplated Transactions based upon arrangements made by or on behalf of Parent or any of its Subsidiaries.

3.23 **Anti-Bribery.** None of Parent or any of its Subsidiaries nor any of their respective directors, officers, employees or, to Parent's Knowledge, agents or any other Person acting on its behalf has directly or indirectly made any bribes, rebates, payoffs, influence payments, kickbacks, illegal payments, illegal political contributions, or other payments, in the form of cash, gifts, or otherwise, or taken any other action, in violation of Anti-Bribery Laws. Neither Parent nor any of its Subsidiaries is or has been the subject of any investigation or inquiry by any Governmental Body with respect to potential violations of Anti-Bribery Laws.

3.24 **Valid Issuance.** The Parent Common Stock and Parent Convertible Preferred Stock to be issued in the Merger will, when issued in accordance with the provisions of this Agreement, be validly issued, fully paid and nonassessable. To the Knowledge of Parent as of the date of this Agreement, no "bad actor" disqualifying event described in Rule 506(d)(1)(i)–(viii) of the Securities Act (a "**Disqualifying Event**") is applicable to Parent or, to Parent's Knowledge, any Parent Covered Person, except for a Disqualifying Event as to which Rule 506(d)(2)(ii)–(iv) or (d)(3) of the Securities Act is applicable.

3.25 **Disclaimer of Other Representations or Warranties.**

(a) Except as previously set forth in this Section 3 or in any certificate delivered by Parent or Merger Subs to the Company pursuant to this Agreement, neither Parent nor any Merger Sub makes any representation or warranty, express or implied, at law or in equity, with respect to it or any of its assets, liabilities or operations, and any such other representations or warranties are hereby expressly disclaimed.

(b) Each of Parent, First Merger Sub and Second Merger Sub acknowledges and agrees that, except for the representations and warranties of the Company set forth in Section 2 or in any certificate delivered by the Company to Parent or the Merger Subs pursuant to this Agreement, none of the Company or any of their respective Representatives is relying on any other representation or warranty of the Company or any other Person made outside of Section 2 or such certificates, including regarding the accuracy or completeness of any such other representations or warranties or the omission of any material information, whether express or implied, in each case, with respect to the Contemplated Transactions.

SECTION 4. ADDITIONAL AGREEMENTS OF THE PARTIES

4.1 Parent Stockholders' Meeting.

(a) As promptly as practicable following the execution of this Agreement, Parent shall take all action necessary under applicable Law to call, give notice of and hold a meeting of the holders of Parent Common Stock for the purpose of seeking:

(i) approval of the Preferred Stock Conversion Proposal;

(ii) if deemed necessary or appropriate by Parent or as otherwise required by applicable Law or Contract, to authorize the amendment of Parent's certificate of incorporation to authorize sufficient Parent Common Stock in Parent's certificate of incorporation for the conversion of the Parent Convertible Preferred Stock issued pursuant to this Agreement and/or to effectuate the Nasdaq Reverse Split (the "**Charter Amendment Proposal**") (the matters contemplated by the clauses 4.2(a)(i)–(iii) are referred to as the "**Parent Stockholder Matters**," and such meeting, the "**Parent Stockholders' Meeting**").

(b) Parent agrees to use reasonable best efforts to call and hold the Parent Stockholders' Meeting as soon as practicable after the date hereof. If the approval of the Parent Stockholder Matters is not obtained at the Parent Stockholders' Meeting or if on a date preceding the Parent Stockholders' Meeting, Parent reasonably believes that (i) it will not receive proxies sufficient to obtain the Required Parent Stockholder Vote, whether or not quorum would be present or (ii) it will not have sufficient shares of Parent Common Stock represented (whether in person or by proxy) to constitute a quorum necessary to conduct the business of the Parent Stockholders' Meeting, then, in each case, Parent will use its reasonable best efforts to adjourn the Parent Stockholders' Meeting one or more times to a date or dates no more than 30 days after the scheduled date for such meeting, and to obtain such approvals at such time. If the Parent Stockholders' Meeting is not so adjourned, and/or if the approval of the Parent Stockholder Matters is not then obtained, Parent will use its reasonable best efforts to obtain such approvals as soon as practicable thereafter, and in any event to obtain such approvals at the next occurring annual meeting of the stockholders of Parent or, if such annual meeting is not scheduled to be held within six months after the Parent Stockholders' Meeting, a special meeting of the stockholders of Parent to be held within six months after the Parent Stockholders' Meeting. Parent will hold an annual meeting or special meeting of its stockholders, at which a vote of the stockholders of Parent to approve the Parent Stockholder Matters will be solicited and taken, at least once every six months until Parent obtains approval of the Parent Stockholder Matters.

(c) Parent agrees that: (i) the Parent Board shall recommend that the holders of Parent Common Stock vote to approve the Parent Stockholder Matters and shall use its reasonable best efforts to solicit and obtain such approval within the time frames set forth in Section 4.2(b), and (ii) the Proxy Statement shall include a statement to the effect that the Parent Board recommends that the Parent's stockholders vote to approve the Parent Stockholder Matters.

(d) The Company and Parent acknowledge that, under the Nasdaq Stock Market Rules, the Parent Common Stock Payment Shares and the Parent Preferred Stock Payment Shares will not be entitled to vote on the Preferred Stock Conversion Proposal.

4.2 Proxy Statement.

(a) As promptly as practicable after the Closing Date, Parent shall prepare and file with the SEC a proxy statement relating to the Parent Stockholders' Meeting to be held in connection with the Parent Stockholder Matters (together with any amendments thereof or supplements thereto, the "**Proxy Statement**"). Parent shall use its commercially reasonable efforts to (i) cause the Proxy Statement to comply with applicable rules and regulations promulgated by the SEC and (ii) respond promptly to any comments or requests of the SEC or its staff related to the Proxy Statement.

(b) Parent covenants and agrees that the Proxy Statement (and the letters to stockholders, notice of meeting and form of proxy included therewith) will (i) comply as to form in all material respects with the requirements of applicable U.S. federal securities Laws and the DGCL, and (ii) will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary in order to make the statements made therein, in light of the circumstances under which they were made, not misleading.

(c) Parent shall use commercially reasonable efforts to cause the Proxy Statement to be mailed to Parent's stockholders as promptly as practicable after the Proxy Statement has been filed with the SEC and either (i) the SEC has indicated that it does not intend to review the Proxy Statement or that its review of the Proxy Statement has been completed or (ii) at least ten (10) days shall have passed since the Proxy Statement was filed with the SEC without receiving any correspondence from the SEC commenting upon, or indicating that it intends to review, the Proxy Statement, all in compliance with applicable U.S. federal securities laws and the DGCL. If Parent, First Merger Sub, Second Merger Sub or the Surviving Entity (A) become aware of any event or information that, pursuant to the Securities Act or the Exchange Act, should be disclosed in an amendment or supplement to the Proxy Statement, (B) receives notice of any SEC request for an amendment or supplement to the Proxy Statement or for additional information related thereto, or (C) receives SEC comments on the Proxy Statement, as the case may be, then such Party, as the case may be, shall promptly inform the other Parties thereof and shall cooperate with such other Parties in Parent filing such amendment or supplement with the SEC and, if appropriate, in mailing such amendment or supplement to the Parent stockholders.

4.3 Reservation of Parent Common Stock; Issuance of Shares of Parent Common Stock. For as long as any Parent Preferred Stock Payment Shares remain outstanding, Parent shall at all times reserve and keep available, free from preemptive rights, out of its authorized but unissued Parent Common Stock or shares of Parent Common Stock held in treasury by Parent, for the purpose of effecting the conversion of the Parent Preferred Stock Payment Shares, the full number of shares of Parent Common Stock then issuable upon the conversion of all Parent Preferred Stock Payment Shares then outstanding. All shares of Parent Common Stock delivered upon conversion of the Parent Preferred Stock Payment Shares shall be newly issued shares or shares held in treasury by Parent, shall have been duly authorized and validly issued and shall be fully paid and nonassessable, and shall be free from preemptive rights and free of any Encumbrance.

4.4 Employee Benefits.

(a) For purposes of vesting, eligibility to participate, and level of benefits (other than for purposes of determining awards under an equity incentive plan or accrued benefits under any defined benefit pension plan) under the benefit plans, programs, Contracts or arrangements of Parent or any of its Subsidiaries (including, following the Closing, the Surviving Entity and its Subsidiaries) (the “**Post-Closing Plans**”), Parent shall use reasonable best efforts to cause each employee of the Company who remains employed by Parent or the Surviving Entity, or any of their respective Subsidiaries following the Closing, (together, the “**Continuing Employees**”) to be credited with his or her years of service with the Company or any of its predecessors; *provided* that the foregoing shall not apply to the extent that its application would result in a duplication of benefits. In addition, and without limiting the generality of the foregoing, for purposes of each Post-Closing Plan providing medical, dental, pharmaceutical and/or vision benefits to a Continuing Employee, Parent shall use reasonable best efforts to cause all pre-existing condition exclusions and actively-at-work requirements of such Post-Closing Plan to be waived for such Continuing Employee and his or her covered dependents to the extent and unless such conditions would have been waived or satisfied under the employee benefit plan whose coverage is being replaced under the Post-Closing Plan, and Parent shall use its best efforts to cause any eligible expenses incurred by a Continuing Employee and his or her covered dependents during the portion of such plan year in which coverage is replaced with coverage under a Post-Closing Plan to be taken into account under such Post-Closing Plan with respect to the plan year in which participation in such Post-Closing Plan begins for purposes of satisfying all deductible, coinsurance and maximum out-of-pocket requirements applicable to such Continuing Employee and his or her covered dependents for such plan year as if such amounts had been paid in accordance with such Post-Closing Plan. For employees of Parent who are not Continuing Employees and who are entitled to severance under their applicable employment agreements, Parent shall prepay for medical, dental, pharmaceutical and/or vision benefits for such employees, if the provider of such benefits is under an individual plan.

(b) Parent shall, or shall cause one of its Affiliates to, (i) provide Continuing Employees with base salary or hourly wage rate, as applicable, that are no less than the base salary or hourly wage rate, as applicable, in effect as of immediately prior to the First Effective Time through December 31, 2023 and, (ii) at all times from the First Effective Time through December 31, 2023, honor all severance commitments of Parent in effect as of immediately prior to the First Effective Time that pertain to the Continuing Employees (the “**Existing Severance Plan**”).

(c) The provisions of this Section 4.4 are for the sole benefit of Parent and the Company and no provision of this Agreement shall (i) create any third-party beneficiary or other rights in any Person, including rights in respect of any benefits that may be provided, directly or indirectly, under any Company Benefit Plan, Parent Benefit Plan or Post-Closing Plan or rights to continued employment or service with the Company or the Parent (or any Subsidiary thereof), (ii) be construed as an amendment, waiver or creation of or limitation on the ability to terminate any Company Benefit Plan, Parent Benefit Plan or Post-Closing Plan, or (iii) limit the ability of the Parent to terminate the employment of any Continuing Employee or modify the at-will status of any Continuing Employees.

4.5 Indemnification of Officers and Directors.

(a) From the First Effective Time through the sixth anniversary of the date on which the First Effective Time occurs, each of Parent and the Surviving Entity shall indemnify and hold harmless each person who is now, or has been at any time prior to the date hereof, or who becomes prior to the First Effective Time, a director or officer of Parent or the Company or any of their respective Subsidiaries, respectively (the “**D&O Indemnified Parties**”), against all claims, losses, liabilities, damages, judgments, fines and reasonable fees, costs and expenses, including attorneys’ fees and disbursements, incurred in connection with any claim, action, suit, proceeding or investigation, whether civil, criminal, administrative or investigative, arising out of or pertaining to the fact that the D&O Indemnified Party is or

was a director or officer of Parent or of the Company, or any Subsidiary thereof, asserted or claimed prior to the First Effective Time, in each case, to the fullest extent permitted under applicable Law. Except in the case of fraud, each D&O Indemnified Party will be entitled to advancement of expenses incurred in the defense of any such claim, action, suit, proceeding or investigation from each of Parent and the Surviving Entity, jointly and severally, upon receipt by Parent or the Surviving Entity from the D&O Indemnified Party of a request therefor; *provided* that any such person to whom expenses are advanced provides an undertaking to Parent, to the extent then required by the DGCL or DLLCA, as applicable, to repay such advances if it is ultimately determined that such person is not entitled to indemnification.

(b) The provisions of the certificate of incorporation and bylaws of Parent with respect to indemnification, advancement of expenses and exculpation of present and former directors and officers of Parent that are presently set forth in the certificate of incorporation and bylaws of Parent shall not be amended, modified or repealed for a period of six years from the First Effective Time in a manner that would adversely affect the rights thereunder of individuals who, at or prior to the First Effective Time, were officers or directors of Parent, unless such modification is required by applicable Law. The certificate of formation and limited liability company agreement of the Surviving Entity shall contain, and Parent shall cause the certificate of formation and limited liability company agreement of the Surviving Entity to so contain, provisions no less favorable with respect to indemnification, advancement of expenses and exculpation of present and former directors and officers as those presently set forth in the certificate of incorporation and bylaws of Parent.

(c) From and after the First Effective Time, (i) the Surviving Entity shall fulfill and honor in all respects the obligations of the Company to its D&O Indemnified Parties as of immediately prior to the Closing pursuant to any indemnification provisions under the Company's Organizational Documents and pursuant to any indemnification agreements between the Company and such D&O Indemnified Parties, with respect to claims arising out of matters occurring at or prior to the First Effective Time and (ii) Parent shall fulfill and honor in all respects the obligations of Parent to its D&O Indemnified Parties as of immediately prior to the Closing pursuant to any indemnification provisions under Parent's Organizational Documents and pursuant to any indemnification agreements between Parent and such D&O Indemnified Parties, with respect to claims arising out of matters occurring at or prior to the First Effective Time.

(d) From and after the First Effective Time, Parent shall continue to maintain directors' and officers' liability insurance policies, with an effective date as of the Closing Date, on commercially available terms and conditions and with coverage limits customary for U.S. public companies similarly situated to Parent. From and after the First Effective Time, Parent shall pay all expenses, including reasonable attorneys' fees, that are incurred by the persons referred to in this Section 4.5 in connection with their successful enforcement of the rights provided to such persons in this Section 4.5.

(e) The provisions of this Section 4.5 are intended to be in addition to the rights otherwise available to the current and former officers and directors of Parent and the Company by Law, charter, statute, bylaw or agreement, and shall operate for the benefit of, and shall be enforceable by, each of the D&O Indemnified Parties, their heirs and their representatives.

(f) In the event Parent or the Surviving Entity or any of their respective successors or assigns (i) consolidates with or merges into any other Person and shall not be the continuing or surviving corporation or entity of such consolidation or merger, or (ii) transfers all or substantially all of its properties and assets to any Person, then, and in each such case, proper provision shall be made so that the successors and assigns of Parent or the Surviving Entity, as the case may be, shall succeed to the obligations set forth in this Section 4.5. Parent shall cause the Surviving Entity to perform all of the obligations of the Surviving Entity under this Section 4.5.

4.6 Additional Agreements. The Parties shall use reasonable best efforts to cause to be taken all actions necessary to consummate the Contemplated Transactions. Without limiting the generality of the foregoing, each Party to this Agreement: (a) shall make all filings and other submissions (if any) and give all notices (if any) required to be made and given by such Party in connection with the Contemplated Transactions; (b) shall use reasonable best efforts to obtain each Consent (if any) reasonably required to be obtained (pursuant to any applicable Law or Contract, or otherwise) by such Party in connection with the Contemplated Transactions or for such Contract to remain in full force and effect; (c) shall use reasonable best efforts to lift any injunction prohibiting, or any other legal bar to, the Contemplated Transactions; and (d) shall use reasonable best efforts to satisfy the conditions precedent to the consummation of this Agreement.

4.7 Listing. Parent shall use its reasonable best efforts to (a) maintain its existing listing on Nasdaq; (b) prepare and submit to Nasdaq a notification form for the listing of the shares of Parent Common Stock Payment Shares and the Parent Common Stock to be issued upon conversion of the Parent Preferred Stock Payment Shares to be issued in connection with the Contemplated Transactions, to cause such shares to be approved for listing (subject to official notice of issuance); (c) effect the Nasdaq Reverse Split and (d) to the extent required by Nasdaq rules and regulations, file an initial listing application for the Parent Common Stock on Nasdaq (the “**Nasdaq Listing Application**”), which Nasdaq Listing Application shall be prepared in cooperation with the Company, and to cause such Nasdaq Listing Application to be conditionally approved prior to the First Effective Time. The Parties will use reasonable best efforts to coordinate with respect to compliance with Nasdaq rules and regulations. Each Party will promptly inform the other Party of all verbal or written communications between Nasdaq and such Party or its representatives. The Company will cooperate with Parent as reasonably requested by Parent with respect to the Nasdaq Listing Application and promptly furnish to Parent all information concerning the Company and its stockholders that may be required or reasonably requested in connection with any action contemplated by this Section 4.8.

4.8 Tax Matters. For U.S. federal income Tax purposes, (i) the Parties intend that the First Merger and the Second Merger, taken together, constitute an integrated transaction described in Rev. Rul. 2001-46, 2001-2 C.B. 321 that qualifies as a “reorganization” within the meaning of Section 368(a) of the Code and the Treasury Regulations promulgated thereunder (the “**Intended Tax Treatment**”), and (ii) this Agreement is intended to be, and is hereby adopted as, a “plan of reorganization” for purposes of Sections 354 and 361 of the Code and Treasury Regulations Sections 1.368-2(g) and 1.368-3(a), to which the Parent, Merger Subs and the Company are parties under Section 368(b) of the Code. The Parties shall treat and shall not take any tax reporting position (including during the course of any audit, litigation or other proceeding with respect to Taxes) inconsistent with the treatment of the Merger as a reorganization within the meaning of Section 368(a) of the Code for U.S. federal, state and other relevant Tax purposes, unless otherwise required pursuant to a “determination” within the meaning of Section 1313(a) of the Code. The Parties shall (and shall cause their Affiliates to) will not take any action or cause any action to be taken, or fail to take or cause to be taken any action, which action or failure to act would reasonably be expected to prevent the Merger from qualifying, for the Intended Tax Treatment.

4.9 Legends. Parent shall be entitled to place appropriate legends, including the legend noted in Section 4.18, on the book entries and/or certificates evidencing any shares of Parent Common Stock or Parent Convertible Preferred Stock to be received in the Merger by equity holders of the Company who may be considered “affiliates” of Parent for purposes of Rules 144 and 145 under the Securities Act reflecting the restrictions set forth in Rules 144 and 145 and to issue appropriate stop transfer instructions to the transfer agent for Parent Common Stock and Parent Convertible Preferred Stock.

4.10 **Directors and Officers.** The Parties shall take all necessary action so that immediately after the Second Effective Time, (a) the Parent Board is comprised of six members, with four such members designated by Parent (one of whom shall be an independent board member acceptable to the Company, such acceptance not to be unreasonably withheld), and two such members designated by the Company and set forth on Section 4.11(a) of the Parent Disclosure Schedule and (b) the Persons set forth on Section 4.11(b) of the Parent Disclosure Schedule under the heading “Officers” are elected or appointed, as applicable, to the positions of officers of Parent and the Surviving Entity, as set forth therein, to serve in such positions effective as of the Second Effective Time until successors are duly appointed and qualified in accordance with applicable Law.

4.11 **Section 16 Matters.** Prior to the First Effective Time, Parent and the Company shall take all such steps as may be required (to the extent permitted under applicable Laws) to cause any acquisitions of Parent Common Stock, restricted stock awards to acquire Parent Common Stock and any Parent Options to purchase Parent Common Stock in connection with the Contemplated Transactions, by each individual who is reasonably expected to become subject to the reporting requirements of Section 16(a) of the Exchange Act with respect to Parent, to be exempt under Rule 16b-3 promulgated under the Exchange Act.

4.12 **Cooperation.** Each Party shall cooperate reasonably with the other Party and shall provide the other Party with such assistance as may be reasonably requested for the purpose of facilitating the performance by each Party of its respective obligations under this Agreement and to enable the combined entity to continue to meet its obligations following the First Effective Time.

4.13 **Closing Certificates.**

(a) The Company will prepare and deliver to Parent prior to the Closing a certificate signed by the President of the Company in a form reasonably acceptable to Parent setting forth, as of immediately prior to the First Effective Time (i) each holder of Company Common Stock, Company Preferred Stock and Company Options, (ii) such holder’s name and address, (iii) the number and type of Company Common Stock held and/or underlying the Company Options as of immediately prior to the First Effective Time for each such holder, and the number and type of Company Preferred Stock held, and (v) the number of shares of Parent Common Stock and/or Parent Convertible Preferred Stock to be issued to such holder, or to underlie any Parent Option to be issued to such holder, pursuant to this Agreement in respect of the Company Capital Stock, Company Preferred Stock or Company Options held by such holder as of immediately prior to the First Effective Time (the “***Allocation Certificate***”).

(b) Parent will prepare and deliver to the Company prior to the Closing a certificate signed by the Chief Financial Officer of Parent in a form reasonably acceptable to the Company, setting forth, as of immediately prior to the Reference Date (A) the number of Parent Common Stock outstanding and (B) (i) each record holder of Parent Common Stock, Parent Options or Parent RSUs, (ii) such record holder’s name and address, (iii) the number of shares of Parent Common Stock underlying the Parent Options or Parent RSUs as of the First Effective Time for such holder (the “***Parent Outstanding Shares Certificate***”).

4.14 **Takeover Statutes.** If any Takeover Statute is or may become applicable to the Contemplated Transactions, each of the Company, the Company Board, Parent and the Parent Board, as applicable, shall grant such approvals and take such actions as are necessary so that the Contemplated Transactions may be consummated as promptly as practicable on the terms contemplated by this Agreement and otherwise act to eliminate or minimize the effects of such statute or regulation on the Contemplated Transactions.

4.15 **Obligations of Merger Subs.** Parent will take all action necessary to cause Merger Subs to perform their obligations under this Agreement and to consummate the Merger on the terms and conditions set forth in this Agreement.

4.16 **Private Placement.** Each of the Company and Parent shall take all reasonably necessary action on its part such that the issuance of Parent Common Stock Payment Shares and Parent Preferred Stock Payment Shares pursuant to this Agreement constitutes a transaction exempt from registration under the Securities Act in compliance with Rule 506 of Regulation D promulgated thereunder. Each certificate representing Parent Common Stock Payment Shares and the Parent Preferred Stock Payment Shares comprising Merger Consideration shall, until such time that such shares are not so restricted under the Securities Act, bear a legend identical or similar in effect to the following legend (together with any other legend or legends required by applicable state securities applicable Law or otherwise, if any):

“THE SHARES REPRESENTED BY THIS CERTIFICATE HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933 (THE ‘**ACT**’) AND MAY NOT BE OFFERED, SOLD OR OTHERWISE TRANSFERRED, ASSIGNED, PLEDGED OR HYPOTHECATED UNLESS REGISTERED UNDER THE ACT OR UNLESS AN EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE ACT IS AVAILABLE.”

SECTION 5. CONDITIONS PRECEDENT TO OBLIGATIONS OF EACH PARTY

The obligations of each Party to effect the Merger and otherwise consummate the Contemplated Transactions to be consummated at the Closing are subject to the satisfaction or, to the extent permitted by applicable Law, the written waiver by each of the Parties, at or prior to the Closing Date, of each of the following conditions:

5.1 **No Restraints.** No temporary restraining order, preliminary or permanent injunction or other order preventing the consummation of the Contemplated Transactions shall have been issued by any court of competent jurisdiction or other Governmental Body of competent jurisdiction and remain in effect and there shall not be any Law which has the effect of making the consummation of the Contemplated Transactions illegal.

5.2 **Certificate of Designation.** Parent shall have filed the Certificate of Designation with the Secretary of State of the State of Delaware.

5.3 **Parent Financing.** The Securities Purchase Agreement shall be in full force and effect and cash proceeds not less than the Concurrent Investment Amount shall have been received by Parent, or will be received by Parent substantially simultaneously with the Closing, in connection with the consummation of the transactions contemplated by the Securities Purchase Agreement.

SECTION 6. CLOSING DELIVERIES OF THE COMPANY

The obligations of Parent and Merger Subs to effect the Merger and otherwise consummate the transactions to be consummated at the Closing are subject to the satisfaction or the written waiver by Parent, at or prior to the Closing, of each of the following conditions:

6.1 **Documents.** Parent shall have received the following documents, each of which shall be in full force and effect:

(a) a written resignation, in a form reasonably satisfactory to Parent, dated as of the Closing Date and effective as of the Closing, executed by each of the directors of the Company listed in Section 7.1(a) of the Company Disclosure Schedule; and

(b) the Allocation Certificate.

6.2 **FIRPTA Certificate.** Parent shall have received (i) an original signed statement from the Company that the Company is not, and has not been at any time during the applicable period specified in Section 897(c)(1)(A)(ii) of the Code, a “United States real property holding corporation,” as defined in Section 897(c)(2) of the Code, conforming to the requirements of Treasury Regulations Section 1.1445-2(c)(3) and 1.897-2(h), and (ii) an original signed notice to be delivered to the IRS in accordance with the provisions of Treasury Regulations Section 1.897-2(h)(2), together with written authorization for Parent to deliver such notice to the IRS on behalf of the Company following the Closing, each dated as of the Closing Date, duly executed by an authorized officer of the Company, and in form and substance reasonably acceptable to Parent; *provided*, that the Parent’s sole remedy for the Company’s failure to deliver such documentation shall be to withhold pursuant to Section 1.12.

6.3 **Company Lock-Up Agreements.** Parent shall have received the Lock-Up Agreements duly executed by each of the Company Signatories, each of which shall be in full force and effect.

SECTION 7. CLOSING DELIVERIES OF PARENT

The obligations of the Company to effect the Merger and otherwise consummate the transactions to be consummated at the Closing are subject to the satisfaction or the written waiver by the Company, at or prior to the Closing, of each of the following conditions:

7.1 **Documents.** The Company shall have received the following documents, each of which shall be in full force and effect:

(a) the Parent Outstanding Shares Certificate;

(b) a written resignation, in a form reasonably satisfactory to the Company, dated as of the Closing Date and effective as of the Closing, executed by each of the officers and directors of Parent who are not to continue as officers or directors, as the case may be, of Parent after the Closing pursuant to Section 4.11 hereof; and

(c) certified copies of the resolutions duly adopted by the Parent Board and in full force and effect as of the Closing authorizing the appointment of the directors and officers set forth in Section 4.11.

7.2 **Parent Lock-Up Agreements.** The Company shall have received the Lock-Up Agreements duly executed by each of the Parent Signatories, each of which shall be in full force and effect.

SECTION 8. MISCELLANEOUS PROVISIONS

8.1 **Non-Survival of Representations and Warranties.** The representations and warranties of the Company, Parent and Merger Subs contained in this Agreement or any certificate or instrument delivered pursuant to this Agreement shall terminate at the First Effective Time, and only the covenants that by their terms survive the First Effective Time and this Section 8 shall survive the First Effective Time.

8.2 **Amendment.** This Agreement may be amended with the approval of the respective boards of directors (or managers as applicable) of the Surviving Entity and Parent at any time; *provided, however*, that after any such approval of this Agreement by a Party's stockholders, no amendment shall be made which by Law requires further approval of such stockholders without the further approval of such stockholders. This Agreement may not be amended except by an instrument in writing signed on behalf of each of the Surviving Entity and Parent.

8.3 **Waiver.**

(a) No failure on the part of any Party to exercise any power, right, privilege or remedy under this Agreement, and no delay on the part of any Party in exercising any power, right, privilege or remedy under this Agreement, shall operate as a waiver of such power, right, privilege or remedy; and no single or partial exercise of any such power, right, privilege or remedy shall preclude any other or further exercise thereof or of any other power, right, privilege or remedy.

(b) No Party shall be deemed to have waived any claim arising out of this Agreement, or any power, right, privilege or remedy under this Agreement, unless the waiver of such claim, power, right, privilege or remedy is expressly set forth in a written instrument duly executed and delivered on behalf of such Party and any such waiver shall not be applicable or have any effect except in the specific instance in which it is given.

8.4 **Entire Agreement; Counterparts; Exchanges by Electronic Transmission.** This Agreement and the other schedules, exhibits, certificates, instruments and agreements referred to in this Agreement constitute the entire agreement and supersede all prior agreements and understandings, both written and oral, among or between any of the Parties with respect to the subject matter hereof and thereof; *provided, however*, that the Confidentiality Agreement shall not be superseded and shall remain in full force and effect in accordance with its terms. This Agreement may be executed in several counterparts, each of which shall be deemed an original and all of which shall constitute one and the same instrument. Counterparts may be delivered via electronic mail (including pdf or any electronic signature complying with the U.S. federal ESIGN Act of 2000, e.g., www.docusign.com) or other transmission method and any counterpart so delivered shall be deemed to have been duly and validly delivered and be valid and effective for all purposes.

8.5 **Applicable Law; Jurisdiction.** This Agreement shall be governed by, and construed in accordance with, the Laws of the State of Delaware, regardless of the Laws that might otherwise govern under applicable principles of conflicts of laws. In any action or proceeding between any of the Parties arising out of or relating to this Agreement or any of the Contemplated Transactions, each of the Parties: (a) irrevocably and unconditionally consents and submits to the exclusive jurisdiction and venue of the Court of Chancery of the State of Delaware or, to the extent such court does not have subject matter jurisdiction, the United States District Court for the District of Delaware or, to the extent that neither of the foregoing courts has jurisdiction, the Superior Court of the State of Delaware; (b) agrees that all claims in respect of such action or proceeding shall be heard and determined exclusively in accordance with clause (a) of this Section 8.5; (c) waives any objection to laying venue in any such action or proceeding in such courts; (d) waives any objection that such courts are an inconvenient forum or do not have jurisdiction over any Party; (e) agrees that service of process upon such Party in any such action or proceeding shall be effective if notice is given in accordance with Section 8.8 of this Agreement; and (f) irrevocably and unconditionally waives the right to trial by jury.

8.6 **Attorneys' Fees.** In any action at law or suit in equity to enforce this Agreement or the rights of any of the Parties, the prevailing Party in such action or suit (as determined by a court of competent jurisdiction) shall be entitled to recover its reasonable out-of-pocket attorneys' fees and all other reasonable costs and expenses incurred in such action or suit.

8.7 **Assignability.** This Agreement shall be binding upon, and shall be enforceable by and inure solely to the benefit of, the Parties and their respective successors and permitted assigns; *provided, however*, that neither this Agreement nor any of a Party's rights or obligations hereunder may be assigned or delegated by such Party without the prior written consent of the other Party, and any attempted assignment or delegation of this Agreement or any of such rights or obligations by such Party without the other Party's prior written consent shall be void and of no effect.

8.8 **Notices.** All notices and other communications hereunder shall be in writing and shall be deemed to have been duly delivered and received hereunder (a) one Business Day after being sent for next Business Day delivery, fees prepaid, via a reputable international overnight courier service, (b) upon delivery in the case of delivery by hand, or (c) on the date delivered in the place of delivery if sent by email (with a written or electronic confirmation of delivery) prior to 5:00 p.m. Pacific Time, otherwise on the next succeeding Business Day, in each case to the intended recipient as set forth below:

if to Parent or Merger Subs:
Aeglea Biotherapeutics, Inc.
805 Las Cimas Parkway
Suite 100
Austin, TX 78746
Attention: Jonathan Alspaugh
Email Address: jalspaugh@aeglea.com

with a copy to (which shall not constitute notice):

Cooley LLP
55 Hudson Yards
New York, NY 10001
Attention: William Sorabella; Matthew Silverman
Email Address: wsorabella@cooley.com; msilverman@cooley.com

if to the Company:

Spyre Therapeutics, Inc.
221 Crescent Street, Building 17, Suite 102B
Waltham, MA 02453
Attention: Evan Thompson
Email Address: evan.thompson@paragontherapeutics.com

with a copy to (which shall not constitute notice):

Gibson, Dunn & Crutcher LLP
555 Mission St., Suite 3000
San Francisco, CA 94105
Attention: Ryan Murr, Branden Berns, Chris Trester
Email Address: rmurr@gibsondunn.com; bberns@gibsondunn.com; ctrester@gibsondunn.com

8.9 **Cooperation**. Each Party agrees to cooperate fully with the other Party and to execute and deliver such further documents, certificates, agreements and instruments and to take such other actions as may be reasonably requested by the other Party to evidence or reflect the Contemplated Transactions and to carry out the intent and purposes of this Agreement.

8.10 **Severability**. Any term or provision of this Agreement that is invalid or unenforceable in any situation in any jurisdiction shall not affect the validity or enforceability of the remaining terms and provisions of this Agreement or the validity or enforceability of the offending term or provision in any other situation or in any other jurisdiction. If a final judgment of a court of competent jurisdiction declares that any term or provision of this Agreement is invalid or unenforceable, the Parties agree that the court making such determination shall have the power to limit such term or provision, to delete specific words or phrases or to replace such term or provision with a term or provision that is valid and enforceable and that comes closest to expressing the intention of the invalid or unenforceable term or provision, and this Agreement shall be valid and enforceable as so modified. In the event such court does not exercise the power granted to it in the prior sentence, the Parties agree to replace such invalid or unenforceable term or provision with a valid and enforceable term or provision that will achieve, to the extent possible, the economic, business and other purposes of such invalid or unenforceable term or provision.

8.11 **Other Remedies; Specific Performance**. Except as otherwise provided herein, any and all remedies herein expressly conferred upon a Party will be deemed cumulative with and not exclusive of any other remedy conferred hereby, or by law or equity upon such Party, and the exercise by a Party of any one remedy will not preclude the exercise of any other remedy. The Parties agree that irreparable damage for which monetary damages, even if available, would not be an adequate remedy, would occur in the event that any Party does not perform the provisions of this Agreement (including failing to take such actions as are required of it hereunder to consummate this Agreement) in accordance with its specified terms or otherwise breaches such provisions. Accordingly, the Parties acknowledge and agree that the Parties shall be entitled to an injunction, specific performance and other equitable relief to prevent breaches of this Agreement and to enforce specifically the terms and provisions hereof, in addition to any other remedy to which they are entitled at law or in equity. Each of the Parties agrees that it will not oppose the granting of an injunction, specific performance or other equitable relief on the basis that any other Party has an adequate remedy at law or that any award of specific performance is not an appropriate remedy for any reason at law or in equity. Any Party seeking an injunction or injunctions to prevent breaches of this Agreement shall not be required to provide any bond or other security in connection with any such order or injunction.

8.12 **No Third-Party Beneficiaries**. Nothing in this Agreement, express or implied, is intended to or shall confer upon any Person (other than the Parties and the D&O Indemnified Parties to the extent of their respective rights pursuant to Section 4.5) any right, benefit or remedy of any nature whatsoever under or by reason of this Agreement.

8.13 **Construction**.

(a) References to “cash,” “dollars” or “\$” are to U.S. dollars.

(b) For purposes of this Agreement, whenever the context requires: the singular number shall include the plural, and vice versa; the masculine gender shall include the feminine and neuter genders; the feminine gender shall include the masculine and neuter genders; and the neuter gender shall include masculine and feminine genders.

(c) The Parties have participated jointly in the negotiating and drafting of this Agreement and agree that any rule of construction to the effect that ambiguities are to be resolved against the drafting Party shall not be applied in the construction or interpretation of this Agreement, and no presumption or burden of proof shall arise favoring or disfavoring any Party by virtue of the authorship of any provision of this Agreement.

(d) As used in this Agreement, the words “include” and “including,” and variations thereof, shall not be deemed to be terms of limitation, but rather shall be deemed to be followed by the words “without limitation.”

(e) Except as otherwise indicated, all references in this Agreement to “Sections,” “Exhibits” and “Schedules” are intended to refer to Sections of this Agreement and Exhibits and Schedules to this Agreement, respectively.

(f) Any reference to legislation or to any provision of any legislation shall include any modification, amendment, re-enactment thereof, any legislative provision substituted therefore and all rules, regulations, and statutory instruments issued or related to such legislations.

(g) The bold-faced headings and table of contents contained in this Agreement are for convenience of reference only, shall not be deemed to be a part of this Agreement and shall not be referred to in connection with the construction or interpretation of this Agreement.

(h) The inclusion of any information in the Company Disclosure Schedule or Parent Disclosure Schedule shall not be deemed an admission or acknowledgment to any third party, in and of itself and solely by virtue of the inclusion of such information in the Company Disclosure Schedule or Parent Disclosure Schedule, as applicable, that such information is required to be listed in the Company Disclosure Schedule or Parent Disclosure Schedule, as applicable, that such items are material to the Company and its Subsidiaries, taken as a whole, or Parent and its Subsidiaries, taken as a whole, as the case may be, or that such items have resulted in a Company Material Adverse Effect or a Parent Material Adverse Effect. The Parties agree that each of the Company Disclosure Schedule and the Parent Disclosure Schedule shall be arranged in sections and subsections corresponding to the numbered and lettered sections and subsections contained in this Agreement. The disclosures in any section or subsection of the Company Disclosure Schedule or the Parent Disclosure Schedule shall qualify other sections and subsections in this Agreement to the extent it is readily apparent on its face from a reading of the disclosure that such disclosure is applicable to such other sections and subsections.

(i) Each of “delivered” or “made available” means, with respect to any documentation, that (i) prior to 11:59 p.m. (Pacific Time) on the date that is two Business Days prior to the date of this Agreement (A) a copy of such material has been posted to and made available by a Party to the other Party and its Representatives in the electronic data room maintained by such disclosing Party or (B) such material is disclosed in the Parent SEC Documents filed with the SEC prior to the date hereof and publicly made available on the SEC’s Electronic Data Gathering Analysis and Retrieval system or (ii) delivered by or on behalf of a Party or its Representatives via electronic mail or in hard copy form prior to the execution of this Agreement.

(j) Whenever the last day for the exercise of any privilege or the discharge of any duty hereunder shall fall upon a Saturday, Sunday, or any date on which banks in San Francisco, California, are authorized or obligated by Law to be closed, the Party having such privilege or duty may exercise such privilege or discharge such duty on the next succeeding day which is a regular Business Day.

8.14 **Expenses.** Except as otherwise expressly provided in this Agreement, all expenses incurred in connection with this Agreement and the Contemplated Transactions will be paid by the Party incurring such expenses.

(Remainder of page intentionally left blank)

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed as of the date first above written.

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Jonathan Alspaugh
Name: Jonathan Alspaugh
Title: President and Chief Financial Officer

ASPEN MERGER SUB I, INC.

By: /s/ Jonathan Alspaugh
Name: Jonathan Alspaugh
Title: Chief Executive Officer

SEQUOIA MERGER SUB II, LLC

By: /s/ Jonathan Alspaugh
Name: Jonathan Alspaugh
Title: Chief Executive Officer

SPYRE THERAPEUTICS, INC.

By: /s/ K. Evan Thompson
Name: K. Evan Thompson
Title: President

EXHIBIT A
CERTAIN DEFINITIONS

a) For purposes of this Agreement (including this **Exhibit A**)

“**ACT**” has the meaning set forth in Section 4.18.

“**Affiliate**” of a Person means any other Person that directly or indirectly, through one or more intermediaries, controls, is controlled by, or is under common control with, such Person. The term “control” (including the terms “controlled by” and “under common control with”) means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting securities, by Contract or otherwise.

“**Agreement**” means the Agreement and Plan of Merger to which this **Exhibit A** is attached, as it may be amended from time to time.

“**Allocation Certificate**” has the meaning set forth in Section 4.14.

“**Anti-Bribery Laws**” has the meaning set forth in Section 2.22.

“**Board Approval**” has the meaning set forth in the Recitals.

“**Book-Entry Shares**” has the meaning set forth in Section 1.7.

“**Business Day**” means any day other than a Saturday, Sunday or other day on which banks in San Francisco, California, are authorized or obligated by Law to be closed.

“**Certificate of Designation**” means the Certificate of Designation of Preferences, Rights and Limitations of Parent Convertible Preferred Stock in the form attached hereto as **Exhibit C**.

“**Certificates of Merger**” has the meaning set forth in Section 1.3.

“**Certifications**” has the meaning set forth in Section 3.7(a).

“**Charter Amendment Proposal**” has the meaning set forth in Section 4.2(a)(iii).

“**Closing**” has the meaning set forth in Section 1.3.

“**Closing Date**” has the meaning set forth in Section 1.3.

“**Code**” means the Internal Revenue Code of 1986, as amended.

“**Company**” has the meaning set forth in the Preamble.

“**Company Associate**” means any current or former employee, independent contractor, officer or director of the Company.

“Company Benefit Plan” has the meaning set forth in Section 2.17(a).

“Company Board” means the board of directors of the Company.

“Company Capital Stock” means the Company Common Stock and the Company Preferred Stock.

“Company Common Stock” means the Common Stock, \$0.0001 par value per share, of the Company.

“Company Contract” means any Contract: (a) to which the Company or any of its Subsidiaries is a Party; (b) by which the Company or any of its Subsidiaries or any Company IP or any other asset of the Company or its Subsidiaries is or may become bound or under which the Company or any of its Subsidiaries has, or may become subject to, any obligation; or (c) under which the Company or any of its Subsidiaries has or may acquire any right or interest.

“Company Data” means all data and information Processed by or for the Company or any of its Subsidiaries.

“Company Disclosure Schedule” has the meaning set forth in Section 2.

“Company ERISA Affiliate” means any corporation or trade or business (whether or not incorporated) which is (or at any relevant time was) treated with the Company as a single employer within the meaning of Section 414 of the Code.

“Company Financials” has the meaning set forth in Section 2.7(a).

“Company IP” means all Intellectual Property Rights that are owned or purported to be owned by, assigned to, or exclusively licensed by, the Company.

“Company In-bound License” has the meaning set forth in Section 2.12(d).

“Company Material Adverse Effect” means any Effect that, considered together with all other Effects that have occurred prior to the date of determination of the occurrence of a Company Material Adverse Effect, has or would reasonably be expected to have a material adverse effect on the business, condition (financial or otherwise), assets, liabilities or results of operations of the Company, taken as a whole; *provided, however*, that Effects arising or resulting from the following shall not be taken into account in determining whether there has been a Company Material Adverse Effect: (a) general business or economic conditions affecting the industry in which the Company and its Subsidiaries operate, (b) acts of war, armed hostilities or terrorism, acts of God or comparable events, epidemic, pandemic or disease outbreak (including the COVID-19 virus) or any worsening of the foregoing, or any declaration of martial law, quarantine or similar directive, policy or guidance or Law or other action by any Governmental Body in response thereto, (c) changes in financial, banking or securities markets, (d) any change in, or any compliance with or action taken for the purpose of complying with, any Law or GAAP (or interpretations of any Law or GAAP), (e) resulting from the announcement of this Agreement or the pendency of the Contemplated Transactions; *provided*, that this clause (e) shall not apply to any representation or warranty (or condition to the consummation of the Mergers relating to such representation or warranty) to the extent the representation and warranty expressly addresses the consequences resulting from the execution and

delivery of this Agreement or the consummation of the Contemplated Transactions, or (f) resulting from the taking of any action required to be taken by this Agreement; except in each case with respect to clauses (a) through (c), to the extent disproportionately affecting the Company, taken as a whole, relative to other similarly situated companies in the industries in which the Company operates.

“Company Material Contract(s)” has the meaning set forth in Section 2.13(a).

“Company Options” means options or other rights to purchase shares of Company Common Stock issued by the Company.

“Company Out-bound License” has the meaning set forth in Section 2.12(d).

“Company Permits” has the meaning set forth in Section 2.14(b).

“Company Plan” has the meaning set forth in Section 2.6(c).

“Company Preferred Stock” has the meaning set forth in Section 2.6(a).

“Company Real Estate Leases” has the meaning set forth in Section 2.11.

“Company Signatories” has the meaning set forth in the Recitals.

“Company Stock Certificate” has the meaning set forth in Section 1.7.

“Company Stockholder Matters” has the meaning set forth in the Recitals.

“Company Unaudited Interim Balance Sheet” means the unaudited balance sheet of the Company as of April 30, 2023 provided to Parent prior to the date of this Agreement.

“Concurrent Investment Amount” means \$150,000,000 as contemplated by the Securities Purchase Agreement.

“Confidentiality Agreement” means that certain mutual letter agreement, dated as of April 27, 2023, between the Company and Parent.

“Consent” means any approval, consent, ratification, permission, waiver or authorization (including any Governmental Authorization).

“Contemplated Transactions” means the Merger, the Nasdaq Reverse Split, Parent Stockholder Support Agreements, the CVR Agreement and the other transactions and actions contemplated by this Agreement to be consummated at or prior to the Closing (but not, for the avoidance of doubt, the actions proposed to be taken as the Parent Stockholders’ Meeting following the Closing pursuant to Section 4.2).

“Continuing Employees” has the meaning set forth in Section 4.4(a).

“Contract” means, with respect to any Person, any written or oral agreement, contract, subcontract, lease (whether for real or personal property), mortgage, license, sublicense or other legally binding commitment or undertaking of any nature to which such Person is a party or by which such Person or any of its assets are bound or affected under applicable Law.

“Data Processing Policy” means each policy, statement, representation, or notice of the Company, Parent or their respective Subsidiaries relating to the Processing of Company Data or Parent Data (as applicable), privacy, data protection, or security.

“DGCL” means the General Corporation Law of the State of Delaware.

“DLLCA” means the Delaware Limited Liability Company Act.

“D&O Indemnified Parties” has the meaning set forth in Section 4.5(a).

“Disqualifying Event” has the meaning set forth in Section 3.24.

“Dissenting Shares” has the meaning set forth in Section 1.9(a).

“Effect” means any effect, change, event, circumstance, or development.

“Encumbrance” means any lien, pledge, hypothecation, charge, mortgage, security interest, lease, license, option, easement, reservation, servitude, adverse title, claim, infringement, interference, option, right of first refusal, preemptive right, community property interest or restriction or encumbrance of any nature (including any restriction on the voting of any security, any restriction on the transfer of any security or other asset, any restriction on the receipt of any income derived from any asset, any restriction on the use of any asset and any restriction on the possession, exercise or transfer of any other attribute of ownership of any asset).

“Enforceability Exceptions” means the (a) Laws of general application relating to bankruptcy, insolvency and the relief of debtors; and (b) rules of law governing specific performance, injunctive relief and other equitable remedies.

“Entity” means any corporation (including any non-profit corporation), partnership (including any general partnership, limited partnership or limited liability partnership), joint venture, estate, trust, company (including any company limited by shares, limited liability company or joint stock company), firm, society or other enterprise, association, organization or entity, and each of its successors.

“Environmental Law” means any federal, state, local or foreign Law relating to pollution or protection of human health (as it relates to exposure to Hazardous Materials) or the environment (including ambient air, surface water, ground water, land surface or subsurface strata), including any Law or regulation relating to emissions, discharges, releases or threatened releases of Hazardous Materials, or otherwise relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials.

“ERISA” means the Employee Retirement Income Security Act of 1974, as amended.

“Exchange Act” means the Securities Exchange Act of 1934.

“Exchange Agent” has the meaning set forth in Section 1.8.

“Exchange Fund” has the meaning set forth in Section 1.8.

“Exchange Ratio” means, 13.73622.

“Existing Severance Plan” has the meaning set forth in Section 4.4(b).

“First Certificate of Merger” has the meaning set forth in Section 1.3.

“First Effective Time” has the meaning set forth in Section 1.3.

“First Merger” has the meaning set forth in the Recitals.

“First Merger Sub” has the meaning set forth in the Preamble.

“First Merger Sub Board” means the board of directors of First Merger Sub.

“First Step Surviving Corporation” has the meaning set forth in Section 1.1.

“FLSA” has the meaning set forth in Section 2.17(m).

“GAAP” means generally accepted accounting principles and practices in effect from time to time within the United States applied consistently throughout the period involved.

“Governmental Authorization” means any: (a) permit, license, certificate, franchise, permission, variance, exception, approval, exemption, order, clearance, registration, qualification or authorization issued, granted, given or otherwise made available by or under the authority of any Governmental Body or pursuant to any Law; or (b) right under any Contract with any Governmental Body.

“Governmental Body” means any: (a) nation, state, commonwealth, province, territory, county, municipality, district or other jurisdiction of any nature; (b) federal, state, local, municipal, foreign or other government; (c) governmental or quasi-governmental authority of any nature (including any governmental division, department, agency, commission, bureau, instrumentality, official, ministry, fund, foundation, center, organization, unit, body or Entity and any court or other tribunal, and for the avoidance of doubt, any taxing authority); or (d) self-regulatory organization (including Nasdaq).

“Hazardous Materials” means any pollutant, chemical, substance and any toxic, infectious, carcinogenic, reactive, corrosive, ignitable or flammable chemical, or chemical compound, or hazardous substance, material or waste, whether solid, liquid or gas, that is subject to regulation, control or remediation under any Environmental Law, including without limitation, crude oil or any fraction thereof, and petroleum products or byproducts.

“Intellectual Property Rights” means and includes all intellectual property or other proprietary rights under the laws of any jurisdiction in the world, including, without limitation: (a) rights associated with works of authorship, including exclusive exploitation rights, copyrights, moral rights, software, databases, and mask works; (b) trademarks, service marks, trade dress, logos, trade names and other source identifiers, domain names and URLs and similar rights and any goodwill associated therewith; (c) rights associated with trade secrets, know how, inventions, invention disclosures, methods, processes, protocols, specifications, techniques and other forms of technology; (d) patents and industrial property rights; (e) other similar proprietary rights in intellectual property of every kind and nature; (f) rights of privacy and publicity; and (g) all registrations, renewals, extensions, statutory invention registrations, provisionals, continuations, continuations-in-part, provisionals, divisions, or reissues of, and applications for, any of the rights referred to in clauses (a) through (f) above (whether or not in tangible form and including all tangible embodiments of any of the foregoing, such as samples, studies and summaries), along with all rights to prosecute and perfect the same through administrative prosecution, registration, recordation or other administrative proceeding, and all causes of action and rights to sue or seek other remedies arising from or relating to the foregoing, including for past, present or future infringement of any of the foregoing.

“Intended Tax Treatment” has the meaning set forth in Section 4.9(a).

“Investor Agreements” has the meaning set forth in Section 2.21(b).

“IRS” means the United States Internal Revenue Service.

“Knowledge” means, with respect to an individual, that such individual is actually aware of the relevant fact or such individual would reasonably be expected to know such fact in the ordinary course of the performance of such individual’s employment responsibilities. Any Person that is an Entity shall have Knowledge if any officer or director of such Person as of the date such knowledge is imputed has Knowledge of such fact or other matter.

“Law” means any federal, state, national, foreign, material local or municipal or other law, statute, constitution, principle of common law, resolution, ordinance, code, edict, decree, rule, regulation, ruling or requirement issued, enacted, adopted, promulgated, implemented or otherwise put into effect by or under the authority of any Governmental Body (including under the authority of Nasdaq or the Financial Industry Regulatory Authority).

“Legal Proceeding” means any action, suit, litigation, arbitration, proceeding (including any civil, criminal, administrative, investigative or appellate proceeding), hearing, inquiry, audit, examination or investigation commenced, brought, conducted or heard by or before, or otherwise involving, any court or other Governmental Body or any arbitrator or arbitration panel.

“Liability” has the meaning set forth in Section 2.9.

“Lock-Up Agreement” has the meaning set forth in the Recitals.

“Merger” has the meaning set forth in the Recitals.

“Merger Consideration” has the meaning set forth in Section 1.5.

“Merger Subs” has the meaning set forth in the Preamble.

“**Nasdaq**” means the Nasdaq Stock Market, including the Nasdaq Global Select Market or such other Nasdaq market on which shares of Parent Common Stock are then listed.

“**Nasdaq Listing Application**” has the meaning set forth in Section 4.8.

“**Nasdaq Reverse Split**” means a reverse stock split of all outstanding shares of Parent Common Stock at a reverse stock split ratio to be reasonably determined by Parent for the purpose of maintaining compliance with Nasdaq listing standards.

“**Ordinary Course of Business**” means, in the case of each of the Company and Parent, such actions taken in the ordinary course of its normal operations and consistent with its past practices.

“**Organizational Documents**” means, with respect to any Person (other than an individual), (a) the certificate or articles of association or incorporation or organization or limited partnership or limited liability company, and any joint venture, limited liability company, operating or partnership agreement and other similar documents adopted or filed in connection with the creation, formation or organization of such Person and (b) all bylaws, regulations and similar documents or agreements relating to the organization or governance of such Person, in each case, as amended or supplemented.

“**Parent**” has the meaning set forth in the Preamble.

“**Parent Associate**” means any current or former employee, independent contractor, officer or director of Parent.

“**Parent Balance Sheet**” means the unaudited balance sheet of Parent as of March 31, 2023 (the “**Parent Balance Sheet Date**”) provided to the Company prior to the date of this Agreement.

“**Parent Benefit Plan**” has the meaning set forth in Section 3.17(a).

“**Parent Board**” means the board of directors of Parent.

“**Parent Common Stock**” means the Common Stock, \$0.0001 par value per share, of Parent.

“**Parent Common Stock Consideration Cap**” has the meaning set forth in Section 1.5.

“**Parent Common Stock Consideration Cap**” has the meaning set forth in Section 1.5.

“**Parent Common Stock Payment Shares**” has the meaning set forth in Section 1.5.

“**Parent Contract**” means any Contract: (a) to which Parent or any of its Subsidiaries is a party; (b) by which Parent or any of its Subsidiaries or any Parent IP or any other asset of Parent or any of its Subsidiaries is or may become bound or under which Parent or any of its Subsidiaries has, or may become subject to, any obligation; or (c) under which Parent or any of its Subsidiaries has or may acquire any right or interest.

“Parent Convertible Preferred Stock” means Parent’s non-voting convertible preferred stock, par value \$0.0001 per share, with the rights, preferences, powers and privileges specified in the Certificate of Designation.

“Parent Covered Person” means, with respect to Parent as an “issuer” for purposes of Rule 506 promulgated under the Securities Act, any Person listed in the first paragraph of Rule 506(d)(1).

“Parent Data” means all data and information Processed by or for Parent or any of its Subsidiaries.

“Parent Disclosure Schedule” has the meaning set forth in [Section 3](#).

“Parent ERISA Affiliate” means any corporation or trade or business (whether or not incorporated) which is (or at any relevant time was) treated with Parent or any of its Subsidiaries as a single employer within the meaning of Section 414 of the Code.

“Parent ESPP” means Parent’s 2016 Employee Stock Purchase Plan, as may be amended from time to time.

“Parent Financing” means an acquisition of shares of Parent Convertible Preferred Stock to be consummated concurrently with the Closing pursuant to the Securities Purchase Agreement with aggregate gross cash proceeds to Parent of at least the Concurrent Investment Amount.

“Parent Foreign Plan” has the meaning set forth in [Section 3.17\(l\)](#).

“Parent In-bound License” has the meaning set forth in [Section 3.12\(d\)](#).

“Parent IP” means all Intellectual Property Rights that are owned or purported to be owned by, assigned to, or exclusively licensed by, Parent or its Subsidiaries.

“Parent Material Adverse Effect” means any Effect that, considered together with all other Effects that have occurred prior to the date of determination of the occurrence of a Parent Material Adverse Effect, has or would reasonably be expected to have a material adverse effect on the business, condition (financial or otherwise), assets, liabilities or results of operations of Parent; *provided, however*, that Effects arising or resulting from the following shall not be taken into account in determining whether there has been a Parent Material Adverse Effect: (a) general business or economic conditions affecting the industry in which Parent operates, (b) acts of war, armed hostilities or terrorism, acts of God or comparable events, epidemic, pandemic or disease outbreak (including the COVID-19 virus) or any worsening of the foregoing, or any declaration of martial law, quarantine or similar directive, policy or guidance or Law or other action by any Governmental Body in response thereto, (c) changes in financial, banking or securities markets, (d) the taking of any action required to be taken by this Agreement, (e) any change in the stock price or trading volume of Parent Common Stock (it being understood, however, that any Effect causing or contributing to any change in stock price or trading volume of Parent Common Stock may be taken into account in determining whether a Parent Material Adverse Effect has occurred, unless such Effects are otherwise excepted from this definition); (f) any change in, or any compliance with or action taken for the purpose of complying with, any Law or GAAP (or interpretations of any Law or GAAP); (g) resulting from the announcement of this Agreement or the pendency of the Contemplated Transactions; *provided*, that this clause (e) shall not apply to any representation or warranty (or condition to the consummation of the Mergers relating to such representation or warranty) to the extent the representation and warranty expressly

addresses the consequences resulting from the execution and delivery of this Agreement or the consummation of the Contemplated Transactions; or (h) resulting from the taking of any action or the failure to take any action, by Parent that is required to be taken by this Agreement, except in each case with respect to clauses (a) through (c), to the extent disproportionately affecting Parent relative to other similarly situated companies in the industries in which Parent operates.

“Parent Material Contract(s)” has the meaning set forth in Section 3.13(a).

“Parent Options” means options or other rights to purchase shares of Parent Common Stock issued by Parent.

“Parent Out-bound License” has the meaning set forth in Section 3.12(d).

“Parent Outstanding Shares Certificate” has the meaning set forth in Section 4.14(b).

“Parent Permits” has the meaning set forth in Section 3.14(b).

“Parent Preferred Stock Payment Shares” has the meaning set forth in Section 1.5.

“Parent Real Estate Leases” has the meaning set forth in Section 3.11.

“Parent RSUs” means any restricted stock unit award granted pursuant to the Parent Stock Plans.

“Parent SEC Documents” has the meaning set forth in Section 3.7(a).

“Parent Signatories” has the meaning set forth in the Recitals.

“Parent Stock Plans” means collectively, Parent’s 2015 Equity Incentive Plan, 2016 Equity Incentive Plan, 2016 Employee Stock Purchase Plan and 2018 Equity Incentive Plan, each as may be amended from time to time.

“Parent Stockholder Matters” has the meaning set forth in Section 4.2(a)(iii).

“Parent Stockholders’ Meeting” has the meaning set forth in Section 4.2(a)(iii).

“Party” or **“Parties”** means the Company, First Merger Sub, Second Merger Sub and Parent.

“Permitted Encumbrance” means: (a) any Encumbrance for current Taxes not yet due and payable or for Taxes that are being contested in good faith and, in each case, for which adequate reserves have been made on the Company Unaudited Interim Balance Sheet or the Parent Balance Sheet, as applicable, in accordance with GAAP; (b) minor liens that have arisen in the Ordinary Course of Business and that do not (in any case or in the aggregate) materially detract from the value of the assets or properties subject thereto or materially impair the operations of the Company or any of its Subsidiaries or Parent, as applicable; (c) liens to secure obligations to landlords, lessors or renters under leases or rental agreements;

(d) deposits or pledges made in connection with, or to secure payment of, workers' compensation, unemployment insurance or similar programs mandated by Law; (e) non-exclusive licenses of Intellectual Property Rights granted by the Company or any of its Subsidiaries or Parent, as applicable, in the Ordinary Course of Business and that do not (in any case or in the aggregate) materially detract from the value of the Intellectual Property Rights subject thereto; and (f) statutory liens in favor of carriers, warehousemen, mechanics and materialmen, to secure claims for labor, materials or supplies the payment for which is not delinquent.

"Person" means any individual, Entity or Governmental Body.

"Post-Closing Plans" has the meaning set forth in [Section 4.4\(a\)](#).

"Preferred Stock Conversion Proposal" has the meaning set forth in [Section 1.5](#).

"Privacy and Data Processing Requirements" means any applicable (i) Law relating to privacy, data protection, or security, (ii) Data Processing Policy, or (iii) requirement of any self-regulatory organization, industry standard (including, as applicable, the Payment Card Industry Data Security Standard), or Contract by which the Company, Parent or their respective Subsidiaries are bound relating to the Processing of Company Data or Parent Data (as applicable), privacy, data protection, or security, including, in each case of (i) through (iii), in connection with direct marketing or the initiation, transmission, monitoring, interception, recording, or receipt of communications.

"Process" means, with respect to any data, information, or information technology system, any operation or set of operations performed thereon, whether or not by automated means, including access, adaptation, alignment, alteration, collection, combination, compilation, consultation, creation, derivation, destruction, disclosure, disposal, dissemination, erasure, interception, maintenance, making available, organization, recording, restriction, retention, retrieval, storage, structuring, transmission, and use, and security measures with respect thereto.

"Proxy Statement" has the meaning set forth in [Section 4.7\(a\)](#).

"Reference Date" means June 19, 2023.

"Registered IP" means all Intellectual Property Rights that are registered or issued under the authority of, with or by any Governmental Body, including all patents, registered copyrights, registered mask works, and registered trademarks, service marks and trade dress, and all applications for any of the foregoing.

"Representatives" means directors, officers, employees, agents, attorneys, accountants, investment bankers, advisors and representatives.

"Required Company Stockholder Vote" has the meaning set forth in [Section 2.4](#).

"Required Parent Stockholder Vote" has the meaning set forth in [Section 3.4](#).

"Sarbanes-Oxley Act" means the Sarbanes-Oxley Act of 2002.

“**SEC**” means the United States Securities and Exchange Commission.

“**Second Certificate of Merger**” has the meaning set forth in Section 1.3.

“**Second Effective Time**” has the meaning set forth in Section 1.3.

“**Second Merger**” has the meaning set forth in the Recitals.

“**Second Merger Sub**” has the meaning set forth in the Preamble.

“**Second Merger Sub Board**” means the board of managers of Second Merger Sub.

“**Securities Act**” means the Securities Act of 1933, as amended.

“**Stockholder Written Consent**” has the meaning set forth in the Recitals.

“**Subsidiary**” An entity shall be deemed to be a ‘subsidiary’ of a Person if such Person directly or indirectly owns or purports to own, beneficially or of record, (a) an amount of voting securities or other interests in such entity that is sufficient to enable such Person to elect at least a majority of the members of such entity’s board of directors or other governing body, or (b) at least 50% of the outstanding equity, voting, beneficial or financial interests in such Entity.

“**Surviving Entity**” has the meaning set forth in Section 1.1.

“**Takeover Statute**” means any “fair price,” “moratorium,” “control share acquisition” or other similar anti-takeover Law.

“**Tax**” means any (i) federal, state, local, foreign or other tax, including any income, capital gain, gross receipts, capital stock, profits, transfer, estimated, registration, stamp, premium, escheat, unclaimed property, customs duty, ad valorem, occupancy, occupation, alternative, add-on, windfall profits, value added, severance, property, business, production, sales, use, license, excise, franchise, employment, payroll, social security, disability, unemployment, workers’ compensation, national health insurance, withholding or other taxes, duties, fees, assessments or governmental charges, surtaxes or deficiencies thereof in the nature of a tax, however denominated (whether imposed directly or through withholding and whether or not disputed), and including any fine, penalty, addition to tax, or interest or additional amount imposed by a Governmental Body with respect thereto (or attributable to the nonpayment thereof) and (ii) any liability for payment of amounts described in clause (i) whether as a result of transferee or successor liability, of being a member of an affiliated, consolidated, combined or unitary group for any period, pursuant to a Contract, through operation of Law or otherwise.

“**Tax Return**” means any return (including any information return), report, statement, declaration, claim for refund, estimate, schedule, notice, notification, form, election, certificate or other document, and any amendment or supplement to any of the foregoing, filed with or submitted to, or required to be filed with or submitted to, any Governmental Body (or provided to a payee) in connection with the determination, assessment, collection or payment of any Tax or in connection with the administration, implementation or enforcement of or compliance with any Law relating to any Tax.

“Treasury Regulations” means the United States Treasury regulations promulgated under the Code.

“WARN Act” means the Worker Adjustment Retraining and Notification Act of 1988, as amended, or any similar state or local plant closing mass layoff statute, rule or regulation.

“Withholding Agent” has the meaning set forth in Section 1.12.

Exhibit B
Form of Lock-Up Agreement

B-1

FORM OF LOCK-UP AGREEMENT

June [], 2023

Aeglea Biotherapeutics, Inc.
805 Las Cimas Parkway
Suite 100
Austin, TX 78746

Ladies and Gentlemen:

The undersigned signatory of this lock-up agreement (this “**Lock-Up Agreement**”) understands that Aeglea Biotherapeutics, Inc. a Delaware corporation (including any successor thereto, “**Parent**”), has entered into an Agreement and Plan of Merger, dated as of June [], 2023 (as the same may be amended from time to time, the “**Merger Agreement**”) with Aspen Merger Sub I, Inc., a Delaware corporation and a wholly owned subsidiary of Parent, Sequoia Merger Sub II, LLC, a Delaware limited liability company and a wholly owned subsidiary of Parent, and Spyre Therapeutics, Inc, a Delaware corporation (the “**Company**”). Capitalized terms used but not otherwise defined herein shall have the respective meanings ascribed to such terms in the Merger Agreement.

1. As a condition and material inducement to each of the parties to enter into the Merger Agreement and to consummate the Contemplated Transactions, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned hereby irrevocably agrees that, subject to the exceptions set forth herein, without the prior written consent of Parent and, solely prior to the Closing, the Company, the undersigned will not, during the period commencing upon the Closing and ending on the date that is 180 days after the Closing Date (the “**Restricted Period**”):

(i) offer, pledge, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase, lend or otherwise transfer or dispose of, directly or indirectly, any shares of Parent Common Stock, Parent Convertible Preferred Stock or any securities convertible into or exercisable or exchangeable for Parent Common Stock (including without limitation, Parent Common Stock or such other securities which may be deemed to be beneficially owned by the undersigned in accordance with the rules and regulations of the SEC and securities of Parent which may be issued upon exercise of Parent Options or settlement of Parent RSUs) that are currently or hereafter owned by the undersigned (collectively, the “**Undersigned’s Shares**”);

(ii) enter into any swap, short sale, hedge or other agreement that transfers, in whole or in part, any of the economic consequences of ownership of the Undersigned’s Shares regardless of whether any such transaction described in clause (i) above or this clause (ii) is to be settled by delivery of Parent Common Stock, Parent Convertible Preferred Stock or other securities, in cash or otherwise;

(iii) make any demand for, or exercise any right with respect to, the registration of any shares of Parent Common Stock, Parent Convertible Preferred Stock or any security convertible into or exercisable or exchangeable for Parent Common Stock (other than such rights set forth in the Merger Agreement); or

(iv) publicly disclose the intention to do any of the foregoing.

2. The restrictions and obligations contemplated by this Lock-Up Agreement shall not apply to:

(a) transfers of the Undersigned's Shares:

(i) if the undersigned is a natural person, (A) to any person related to the undersigned (or to an ultimate beneficial owner of the undersigned) by blood or adoption who is an immediate family member of the undersigned, or by marriage or domestic partnership (a "**Family Member**"), or to a trust formed for the benefit of the undersigned or any of the undersigned's Family Members, (B) to the undersigned's estate, following the death of the undersigned, by will, intestacy or other operation of Law, (C) as a bona fide charitable gift or contribution, (D) by operation of Law pursuant to a qualified domestic order or in connection with a divorce settlement or (E) to any partnership, corporation or limited liability company which is controlled by or under common control with the undersigned and/or by any such Family Member(s);

(ii) if the undersigned is a corporation, partnership or other Entity, (A) to another corporation, partnership, or other Entity that is an affiliate (as defined under Rule 12b-2 of the Exchange Act) of the undersigned, including investment funds or other entities under common control or management with the undersigned, (B) as a distribution or dividend to equity holders, current or former general or limited partners, members or managers (or to the estates of any of the foregoing), as applicable, of the undersigned (including upon the liquidation and dissolution of the undersigned pursuant to a plan of liquidation approved by the undersigned's equity holders), (C) as a bona fide charitable gift or contribution or otherwise to a trust or other entity for the direct or indirect benefit of an immediate family member of a beneficial owner (as defined in Rule 13d-3 of the Exchange Act) of the Undersigned's Shares or (D) transfers or dispositions not involving a change in beneficial ownership; or

(iii) if the undersigned is a trust, to any grantors or beneficiaries of the trust;

provided that, in the case of any transfer or distribution pursuant to this clause (a), such transfer is not for value and each donee, heir, beneficiary or other transferee or distributee shall sign and deliver to Parent a lock-up agreement in the form of this Lock-Up Agreement with respect to the shares of Parent Common Stock, Parent Convertible Preferred Stock or such other securities that have been so transferred or distributed;

(b) the exercise of Parent Options (including a net or cashless exercise of a Parent Option), and any related transfer of shares of Parent Common Stock to Parent for the purpose of paying the exercise price of such options or for paying taxes (including estimated taxes) due as a result of the exercise of such options; provided that, for the avoidance of doubt, the underlying shares of Parent Common Stock shall continue to be subject to the restrictions on transfer set forth in this Lock-Up Agreement;

(c) the disposition (including a forfeiture or repurchase) to Parent of any shares of restricted stock granted pursuant to the terms of any employee benefit plan or restricted stock purchase agreement;

(d) transfers to Parent in connection with the net settlement of any Parent RSU or other equity award that represents the right to receive in the future shares of Parent Common Stock settled in Parent Common Stock to pay any tax withholding obligations; provided that, for the avoidance of doubt, the underlying shares of Parent Common Stock shall continue to be subject to the restrictions on transfer set forth in this Lock-Up Agreement;

(e) the establishment of a trading plan pursuant to Rule 10b5-1 under the Exchange Act for the transfer of Parent Common Stock; provided that such plan does not provide for any transfers of Parent Common Stock during the Restricted Period;

(f) transfers by the undersigned of shares of Parent Common Stock purchased by the undersigned on the open market or in a public offering by Parent, in each case following the Closing Date;

(g) pursuant to a bona-fide third party tender offer, merger, consolidation or other similar transaction made to all holders of Parent's capital stock involving a change of control of Parent, provided that in the event that such tender offer, merger, consolidation or other such transaction is not completed, the Undersigned's Shares shall remain subject to the restrictions contained in this Lock-Up Agreement; or

(h) pursuant to an order of a court or regulatory agency;

and provided, further, that, with respect to each of (a), (b), (c), (d) and (e) above, no filing by any party (including any donor, donee, transferor, transferee, distributor or distributee) under Section 16 of the Exchange Act or other public announcement shall be required or shall be made voluntarily in connection with such transfer or disposition during the Restricted Period (other than (i) any exit filings or public announcements that may be required under applicable federal and state securities Laws or (ii) in respect of a required filing under the Exchange Act in connection with the exercise of an option to purchase Parent Common Stock or in connection with the net settlement of any RSU or other equity award that represents the right to receive in the future shares of Parent Common Stock settled in Parent Common Stock that would otherwise expire during the Restricted Period, provided that (i) reasonable notice shall be provided to Parent prior to any such filing) and (ii) such filing, report or announcement shall clearly indicate in the footnotes therein, in reasonable detail, a description of the circumstances of the transfer and that the shares remain subject to the lock-up agreement.

For purposes of this Lock-Up Agreement, "change of control" shall mean the transfer (whether by tender offer, merger, consolidation or other similar transaction), in one transaction or a series of related transactions, to a person or group of affiliated persons, of Parent's voting securities if, after such transfer, Parent's stockholders as of immediately prior to such transfer do not hold a majority of the outstanding voting securities of Parent (or the surviving entity) other than the Contemplated Transactions.

3. Any attempted transfer in violation of this Lock-Up Agreement will be of no effect and null and void, regardless of whether the purported transferee has any actual or constructive knowledge of the transfer restrictions set forth in this Lock-Up Agreement, and will not be recorded on the share register of Parent. In furtherance of the foregoing, the undersigned agrees that Parent and any duly appointed transfer agent for the registration or transfer of the securities described herein are hereby authorized to decline to make any transfer of securities if such transfer would constitute a violation or breach of this Lock-Up Agreement. Parent may cause the legend set forth below, or a legend substantially equivalent thereto, to be placed upon any certificate(s) or other documents, ledgers or instruments evidencing the undersigned's ownership of Parent Common Stock, Parent Convertible Preferred Stock or any securities convertible into or exercisable or exchangeable for Parent Common Stock:

THE SHARES REPRESENTED BY THIS CERTIFICATE ARE SUBJECT TO AND MAY ONLY BE TRANSFERRED IN COMPLIANCE WITH A LOCK-UP AGREEMENT, A COPY OF WHICH IS ON FILE AT THE PRINCIPAL OFFICE OF THE COMPANY.

4. The undersigned hereby represents and warrants that the undersigned has full power and authority to enter into this Lock-Up Agreement. All authority herein conferred or agreed to be conferred and any obligations of the undersigned shall be binding upon the successors, assigns, heirs or personal representatives of the undersigned.

5. The undersigned understands that if the Merger Agreement is terminated for any reason, the undersigned shall be released from all obligations under this Lock-Up Agreement. The undersigned understands that Parent and the Company are proceeding with the Contemplated Transactions in reliance upon this Lock-Up Agreement.
6. Any and all remedies herein expressly conferred upon Parent or the Company will be deemed cumulative with and not exclusive of any other remedy conferred hereby, or by Law or equity, and the exercise by Parent or the Company of any one remedy will not preclude the exercise of any other remedy. The undersigned agrees that irreparable damage for which monetary damages, even if available, would not be an adequate remedy, would occur to Parent and/or the Company in the event that any provision of this Lock-Up Agreement were not performed in accordance with its specific terms or were otherwise breached. It is accordingly agreed that Parent and the Company shall be entitled to an injunction or injunctions to prevent breaches of this Lock-Up Agreement and to enforce specifically the terms and provisions hereof in any court of the United States or any state having jurisdiction, this being in addition to any other remedy to which Parent or the Company is entitled at Law or in equity, and the undersigned waives any bond, surety or other security that might be required of Parent or the Company with respect thereto. Each of the parties further agrees that it will not oppose the granting of an injunction, specific performance or other equitable relief on the basis that any other party has an adequate remedy at law or that any award of specific performance is not an appropriate remedy for any reason at law or in equity.
7. In the event that any holder of securities of Parent that are subject to a substantially similar agreement entered into by such holder, other than the undersigned, is permitted by Parent to sell or otherwise transfer or dispose of shares of Parent Common Stock, Parent Convertible Preferred Stock or any securities convertible into or exercisable or exchangeable for Parent Common Stock for value other than as permitted by this or a substantially similar agreement entered into by such holder (whether in one or multiple releases or waivers), the same percentage of shares of Parent Common Stock, Parent Convertible Preferred Stock or any securities convertible into or exercisable or exchangeable for Parent Common Stock held by the undersigned on the date of such release or waiver as the percentage of the total number of outstanding shares of such securities held by such holder on the date of such release or waiver that are the subject of such release or waiver shall be immediately and fully released on the same terms from any remaining restrictions set forth herein (the “**Pro Rata Release**”); provided, however, that such Pro Rata Release shall not be applied unless and until permission has been granted by Parent to an equity holder or equity holders to sell or otherwise transfer or dispose of all or a portion of such equity holders shares of Parent Common Stock in an aggregate amount in excess of 1% of the number of shares of Parent Common Stock originally subject to a substantially similar agreement. In the event of any Pro-Rata Release, the Company shall promptly (and in any event within two (2) business days of such release) inform each relevant holder of Parent Common Stock, Parent Convertible Preferred Stock or any securities convertible into or exercisable or exchangeable for Parent Common Stock of the terms of such Pro-Rata Release.
8. Upon the release of any of the Undersigned’s Shares from this Lock-Up Agreement, Parent will cooperate with the undersigned to facilitate the timely preparation and delivery of certificates or the establishment of book-entry positions at Parent’s transfer agent representing the Undersigned’s Shares without the restrictive legend above or the withdrawal of any stop transfer instructions.
9. The undersigned understands that this Lock-Up Agreement is irrevocable and is binding upon the undersigned’s heirs, legal representatives, successors and assigns.
10. This Lock-Up Agreement shall be governed by, and construed in accordance with, the Laws of the state of Delaware, regardless of the Laws that might otherwise govern under applicable principles of conflicts of Laws. In any action or Legal Proceeding between any of the parties arising out of or relating to this Lock-Up Agreement, each of the parties: (i) irrevocably and unconditionally consents and submits to

the exclusive jurisdiction and venue of the Court of Chancery of the state of Delaware or to the extent such court does not have subject matter jurisdiction, the Superior Court of the State of Delaware or the United States District Court for the District of Delaware, (ii) agrees that all claims in respect of such action or Legal Proceeding shall be heard and determined exclusively in accordance with clause (i) of this Section 10, (iii) waives any objection to laying venue in any such action or Legal Proceeding in such courts, (iv) waives any objection that such courts are an inconvenient forum or do not have jurisdiction over any party, and (v) agrees that service of process upon such party in any such action or Legal Proceeding shall be effective if notice is given in accordance with Section 11 of this Lock-Up Agreement. This Lock-Up Agreement constitutes the entire agreement between the parties to this Lock-Up Agreement and supersedes all other prior agreements, arrangements and understandings, both written and oral, among the parties with respect to the subject matter hereof.

THE PARTIES HERETO HEREBY WAIVE ANY RIGHT TO TRIAL BY JURY WITH RESPECT TO ANY ACTION OR LEGAL PROCEEDING RELATED TO OR ARISING OUT OF THIS LOCK-UP AGREEMENT, ANY DOCUMENT EXECUTED IN CONNECTION HERewith AND THE MATTERS CONTEMPLATED HEREBY AND THEREBY.

11. All notices and other communications hereunder shall be in writing and shall be deemed given if delivered personally or sent by overnight courier (providing proof of delivery), by electronic transmission (providing confirmation of transmission) to the Company or Parent, as the case may be, in accordance with [Section 8.8] of the Merger Agreement and to the undersigned at his, her or its address or email address (providing confirmation of transmission) set forth on the signature page hereto (or at such other address for a party as shall be specified by like notice).

12. This Lock-Up Agreement may be executed in several counterparts, each of which shall be deemed an original and all of which shall constitute one and the same instrument. The exchange of a fully executed Lock-Up Agreement (in counterparts or otherwise) by Parent, the Company and the undersigned by electronic transmission in .pdf format shall be sufficient to bind such parties to the terms and conditions of this Lock-Up Agreement.

(Signature Page Follows)

Very truly yours,

[]

Signature (for individuals):

Email:

Address:

Signature (for entities):

By:

Name:

Title:

Email:

Address:

SIGNATURE PAGE TO LOCK-UP AGREEMENT

Accepted and Agreed
by AEGLEA BIOTHERAPETUICS, INC.:

By: _____
Name: _____
Title: _____

Accepted and Agreed
by SPYRE THERAPEUTICS, INC.:

By: _____
Name: _____
Title: _____

SIGNATURE PAGE TO LOCK-UP AGREEMENT

Exhibit C

Form of Certificate of Designation

C-1

AEGLEA BIOTHERAPEUTICS, INC.

**CERTIFICATE OF DESIGNATION OF PREFERENCES,
RIGHTS AND LIMITATIONS
OF
SERIES A NON-VOTING CONVERTIBLE PREFERRED STOCK**

Pursuant to Section 151 of the
General Corporation Law of the State of Delaware

THE UNDERSIGNED DOES HEREBY CERTIFY, on behalf of Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Corporation**”), that the following resolution was duly adopted by the Board of Directors of the Corporation (the “**Board of Directors**”), in accordance with the provisions of Section 151 of the General Corporation Law of the State of Delaware (the “**DGCL**”), at a meeting duly called and held on June 21, 2023, which resolution provides for the creation of a series of the Corporation’s Preferred Stock, par value \$0.0001 per share, which is designated as “Series A Non-Voting Convertible Preferred Stock,” with the preferences, rights and limitations set forth therein relating to dividends, conversion, redemption, dissolution and distribution of assets of the Corporation.

WHEREAS: the Restated Certificate of Incorporation of the Corporation (the “**Certificate of Incorporation**”), provides for a class of its authorized stock known as Preferred Stock, consisting of 10,000,000 shares, \$0.0001 par value per share (the “**Preferred Stock**”), issuable from time to time in one or more series.

RESOLVED: that, pursuant to authority conferred upon the Board of Directors by the Certificate of Incorporation, (i) a series of Preferred Stock of the Corporation be, and hereby is authorized by the Board of Directors, (ii) the Board of Directors hereby authorizes the issuance of 1,086,341 shares of “Series A Non-Voting Convertible Preferred Stock” pursuant to the terms of (a) the Securities Purchase Agreement, dated as of the date hereof, by and among the Corporation and the initial Holders (as defined below) (the “**Purchase Agreement**”) and (b) the Agreement and Plan of Merger, dated as of the date hereof, by and among the Corporation, Aspen Merger Sub I, Inc., a Delaware corporation and wholly owned subsidiary of Parent, Sequoia Merger Sub II, LLC, a Delaware limited liability company and wholly owned subsidiary of Parent and Spyre Therapeutics, Inc. (the “**Merger Agreement**”), and (iii) the Board of Directors hereby fixes the designations, powers, preferences and relative, participating, optional or other special rights, and the qualifications, limitations or restrictions thereof, of such shares of Preferred Stock, in addition to any provisions set forth in the Certificate of Incorporation that are applicable to the Preferred Stock of all classes and series, as follows:

TERMS OF SERIES A NON-VOTING CONVERTIBLE PREFERRED STOCK

1. Definitions. For the purposes hereof, the following terms shall have the following meanings:

“**Business Day**” means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in the State of New York are authorized or required by law or other governmental action to close.

“**Buy-In**” shall have the meaning set forth in Section 6.5.4.

“**Closing Sale Price**” means, for any security as of any date, the last closing trade price for such security immediately prior to 4:00 p.m., New York City time, on the principal Trading Market where such security is listed or traded, as reported by Bloomberg, L.P. (or an equivalent, reliable reporting service), or if the foregoing do not apply, the last trade price of such security in the over-the-counter market on the electronic bulletin board for such

security as reported by Bloomberg, L.P., or, if no last trade price is reported for such security by Bloomberg, L.P., the average of the bid prices of any market makers for such security as reported on the OTC Pink Market by OTC Markets Group, Inc. If the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Sale Price of such security on such date shall be the fair market value as determined in good faith by the Board of Directors of the Corporation.

“**Commission**” means the United States Securities and Exchange Commission.

“**Common Stock**” means the Corporation’s common stock, par value \$0.0001 per share, and stock of any other class of securities into which such securities may hereafter be reclassified or changed.

“**Conversion Shares**” means, collectively, the shares of Common Stock issuable upon conversion of the shares of Series A Non-Voting Preferred Stock in accordance with the terms hereof.

“**Exchange Act**” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“**Holder**” means a holder of shares of Series A Non-Voting Preferred Stock.

“**Person**” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“**Trading Day**” means a day on which the principal Trading Market is open for business.

“**Trading Market**” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, or the New York Stock Exchange (or any successors to any of the foregoing).

2. Designation, Amount and Par Value. The series of Preferred Stock shall be designated as the Corporation’s Series A Non-Voting Convertible Preferred Stock (the “**Series A Non-Voting Preferred Stock**”) and the number of shares so designated shall be 1,086,341. Each share of Series A Non-Voting Preferred Stock shall have a par value of \$0.0001 per share.

3. Dividends. Holders shall be entitled to receive, and the Corporation shall pay, dividends on shares of the Series A Non-Voting Preferred Stock (on an as-if-converted-to-Common-Stock basis, without regard to the Beneficial Ownership Limitation (as defined below)) equal to and in the same form, and in the same manner, as dividends (other than dividends on shares of the Common Stock payable in the form of Common Stock) actually paid on shares of the Common Stock when, as and if such dividends (other than dividends payable in the form of Common Stock) are paid on shares of the Common Stock; provided, however, in no event shall Holders of Series A Non-Voting Preferred Stock be entitled to receive the “rights” distributed pursuant to that certain Contingent Value Rights Agreement dated as of June 22, 2023 by and between the Corporation and American Stock Transfer & Trust Company, LLC, as may be amended from time to time (the “CVR Agreement”), or any amounts paid under the CVR Agreement. Other than as set forth in the previous sentence, no other dividends shall be paid on shares of Series A Non-Voting Preferred Stock, and the Corporation shall pay no dividends (other than dividends payable in the form of Common Stock) on shares of the Common Stock unless it simultaneously complies with the previous sentence.

4. Voting Rights.

4.1 Except as otherwise provided herein or as otherwise required by the DGCL, the Series A Non-Voting Preferred Stock shall have no voting rights. However, as long as any shares of Series A Non-Voting Preferred Stock are outstanding, the Corporation shall not, without the affirmative vote of the holders of a majority of the then outstanding shares of the Series A Non-Voting Preferred Stock: (i) alter or change adversely

the powers, preferences or rights given to the Series A Non-Voting Preferred Stock or alter or amend this Certificate of Designation, amend or repeal any provision of, or add any provision to, the Certificate of Incorporation or Amended and Restated Bylaws of the Corporation, or file any articles of amendment, certificate of designations, preferences, limitations and relative rights of any series of Preferred Stock, if such action would adversely alter or change the preferences, rights, privileges or powers of, or restrictions provided for the benefit of the Series A Non-Voting Preferred Stock, regardless of whether any of the foregoing actions shall be by means of amendment to the Certificate of Incorporation or by merger, consolidation, recapitalization, reclassification, conversion or otherwise, (ii) issue further shares of Series A Non-Voting Preferred Stock or increase or decrease (other than by conversion) the number of authorized shares of Series A Non-Voting Preferred Stock, (iii) prior to the Stockholder Approval (as defined below) or at any time while at least 30% of the originally issued Series A Non-Voting Preferred Stock remains issued and outstanding, consummate either: (A) any Fundamental Transaction (as defined below) or (B) any merger or consolidation of the Corporation with or into another entity or any stock sale to, or other business combination in which the stockholders of the Corporation immediately before such transaction do not hold at least a majority of the capital stock of the Corporation immediately after such transaction or (iv) enter into any agreement with respect to any of the foregoing. Holders of shares of Common Stock acquired upon the conversion of shares of Series A Non-Voting Preferred Stock shall be entitled to the same voting rights as each other holder of Common Stock, except that such holders may not vote such shares upon the proposal for Stockholder Approval in accordance with Rule 5635 of the listing rules of The Nasdaq Stock Market LLC.

4.2 Any vote required or permitted under Section 4.1 may be taken at a meeting of the Holders or through the execution of an action by written consent in lieu of such meeting, provided that the consent is executed by Holders representing a majority of the outstanding shares of Series A Non-Voting Preferred Stock.

5. Rank; Liquidation.

5.1 The Series A Non-Voting Preferred Stock shall rank on parity with the Common Stock as to distributions of assets upon liquidation, dissolution or winding up of the Corporation, whether voluntarily or involuntarily.

5.2 Upon any liquidation, dissolution or winding-up of the Corporation, whether voluntary or involuntary (a “**Liquidation**”), each Holder shall be entitled to receive out of the assets, whether capital or surplus, of the Corporation the same amount that a holder of Common Stock would receive if the Series A Non-Voting Preferred Stock were fully converted (disregarding for such purpose any Beneficial Ownership Limitations) to Common Stock which amounts shall be paid *pari passu* with all holders of Common Stock, plus an additional amount equal to any dividends declared on but unpaid to such shares. If, upon any such Liquidation, the assets of the Corporation shall be insufficient to pay the Holders of shares of the Series A Non-Voting Preferred Stock the amount required under the preceding sentence, then all remaining assets of the Corporation shall be distributed ratably to the Holders and the holders of Common Stock in accordance with the respective amounts that would be payable on all such securities if all amounts payable thereon were paid in full. For the avoidance of any doubt, a Fundamental Transaction shall not be deemed a Liquidation unless the Corporation expressly declares that such Fundamental Transaction shall be treated as if it were a Liquidation.

6. Conversion.

6.1 Automatic Conversion on Stockholder Approval. Effective as of 5:00 p.m. Eastern time on the third Business Day after the date that the Corporation’s stockholders approve the conversion of the Series A Non-Voting Preferred Stock into shares of Common Stock in accordance with the listing rules of the Nasdaq Stock Market, as set forth in Section 4.1 of the Merger Agreement (the “**Stockholder Approval**”), each share of Series A Non-Voting Preferred Stock then outstanding shall automatically convert into a number of shares of Common Stock equal to the Conversion Ratio (as defined below), subject to the Beneficial Ownership Limitation (the “**Automatic Conversion**”). The Corporation shall inform each Holder of the occurrence of the Stockholder

Approval within one Business Day of such Stockholder Approval. In determining the application of the Beneficial Ownership Limitations solely with respect to the Automatic Conversion, the Corporation shall calculate beneficial ownership for each Holder assuming beneficial ownership by such Holder of: (x) the number of shares of Common Stock issuable to such Holder in such Automatic Conversion, plus (y) any additional shares of Common Stock for which a Holder has provided the Corporation with prior written notice of beneficial ownership within 30 days prior to the date of Stockholder Approval (a “**Beneficial Ownership Statement**”) and assuming the conversion of all shares of Series A Non-Voting Preferred Stock held by all other Holders less the aggregate number of shares of Series A Non-Voting Preferred Stock held by all other Holders that will not convert into shares of Common Stock on account of the application of any Beneficial Ownership Limitations applicable to any such other Holders. If a Holder fails to provide the Corporation with a Beneficial Ownership Statement within 30 days prior to the date of Stockholder Approval, then the Corporation shall presume the Holder’s beneficial ownership of Common Stock (excluding the Conversion Shares) to be zero. The shares of Series A Non-Voting Preferred Stock that are converted in the Automatic Conversion are referred to as the “**Converted Stock**”. The Conversion Shares shall be issued as follows:

6.1.1 Converted Stock that is registered in book entry form shall be automatically cancelled upon the Automatic Conversion and converted into the corresponding Conversion Shares, which shares shall be issued in book entry form and without any action on the part of the Holders and shall be delivered to the Holders within one Business Day of the effectiveness of the Automatic Conversion.

6.1.2 Converted Stock that is issued in certificated form shall be deemed converted into the corresponding Conversion Shares on the date of Automatic Conversion and the Holder’s rights as a holder of such shares of Converted Stock shall cease and terminate on such date, excepting only the right to receive the Conversion Shares upon the Holder tendering to the Corporation (or its designated agent) the stock certificate(s) (duly endorsed) representing such certificated Converted Stock.

6.1.3 Notwithstanding the cancellation of the Converted Stock upon the Automatic Conversion, Holders of Converted Stock shall continue to have any remedies provided herein or otherwise available at law or in equity to such Holder because of a failure by the Corporation to comply with the terms of this Certificate of Designation. In all cases, the Holder shall retain all of its rights and remedies for the Corporation’s failure to convert the Converted Stock.

6.2 Conversion at Option of Holder. Subject to Section 6.1, Section 6.4 and Section 6.5.3, each share of Series A Non-Voting Preferred Stock then outstanding shall be convertible, at any time and from time to time following 5:00 p.m. Eastern time on the third Business Day after the date that the Stockholder Approval is obtained by the Corporation, at the option of the Holder thereof, into a number of shares of Common Stock equal to the Conversion Ratio, subject to the Beneficial Ownership Limitation (each, an “**Optional Conversion**”). Holders shall effect conversions by providing the Corporation with the form of conversion notice attached hereto as Annex A (a “**Notice of Conversion**”), duly completed and executed. Provided the Corporation’s transfer agent is participating in the Depository Trust Company (“**DTC**”) Fast Automated Securities Transfer program, the Notice of Conversion may specify, at the Holder’s election, whether the applicable Conversion Shares shall be credited to the account of the Holder’s prime broker with DTC through its Deposit Withdrawal Agent Commission system (a “**DWAC Delivery**”). The date on which an Optional Conversion shall be deemed effective (the “**Conversion Date**”) shall be the Trading Day that the Notice of Conversion, completed and executed, is sent via email to, and received during regular business hours by, the Corporation; provided, that the original certificate(s) (if any) representing such shares of Series A Non-Voting Preferred Stock being converted, duly endorsed, and the accompanying Notice of Conversion, are received by the Corporation within two (2) Trading Days thereafter. In all other cases, the Conversion Date shall be defined as the Trading Day on which the original certificate(s) (if any) representing such shares of Series A Non-Voting Preferred Stock being converted, duly endorsed, and the accompanying Notice of Conversion, are received by the Corporation. The calculations set forth in the Notice of Conversion shall control in the absence of manifest or mathematical error.

6.3 **Conversion Ratio.** The “**Conversion Ratio**” for each share of Series A Non-Voting Preferred Stock shall be 1,000 shares of Common Stock issuable upon the conversion (the “**Conversion**”) of each share of Series A Non-Voting Preferred Stock (corresponding to a ratio of 1,000:1), subject to adjustment as provided herein.

6.4 **Beneficial Ownership Limitation.** Notwithstanding anything herein to the contrary, the Corporation shall not effect any conversion of any share of Series A Non-Voting Preferred Stock, including pursuant to Section 6.1, and a Holder shall not have the right to convert any portion of the Series A Non-Voting Preferred Stock pursuant to Section 6.2, to the extent that, after giving effect to such attempted conversion set forth on an applicable Notice of Conversion (as defined in the Certificate of Designation) with respect to the Series A Preferred Stock, such Holder (or any of such Holder’s Affiliates or any other Person who would be a beneficial owner of Common Stock beneficially owned by the Holder for purposes of Section 13(d) or Section 16 of the Exchange Act and the applicable rules and regulations of the Commission, including any “group” of which the Holder is a member (the foregoing, “**Attribution Parties**”)) would beneficially own a number of shares of Common Stock in excess of the Beneficial Ownership Limitation. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by such Holder and its Attribution Parties shall include the number of shares of Common Stock issuable upon conversion of the Series A Non-Voting Preferred Stock subject to the Notice of Conversion or the Automatic Conversion, as applicable, with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which are issuable upon (A) conversion of the remaining, unconverted Series A Non-Voting Preferred Stock beneficially owned by such Holder or any of its Attribution Parties, and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Corporation (including any warrants) beneficially owned by such Holder or any of its Attribution Parties that are subject to and would exceed a limitation on conversion or exercise similar to the limitation contained herein. Except as set forth in the preceding sentence, for purposes of this Section 6.4, beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the applicable rules and regulations of the Commission, and the terms “beneficial ownership” and “beneficially own” have the meanings ascribed to such terms therein. In addition, for purposes hereof, “group” has the meaning set forth in Section 13(d) of the Exchange Act and the applicable rules and regulations of the Commission. For purposes of this Section 6.4, in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as stated in the most recent of the following: (A) the Corporation’s most recent periodic or annual filing with the Commission, as the case may be, (B) a more recent public announcement by the Corporation that is filed with the Commission, or (C) a more recent notice by the Corporation or the Corporation’s transfer agent to the Holder setting forth the number of shares of Common Stock then outstanding. Upon the written request of a Holder (which may be by email), the Corporation shall, within two (2) Trading Days thereof, confirm in writing to such Holder (which may be via email) the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to any actual conversion or exercise of securities of the Corporation, including shares of Series A Non-Voting Preferred Stock, by such Holder or its Attribution Parties since the date as of which such number of outstanding shares of Common Stock was last publicly reported or confirmed to the Holder. The “**Beneficial Ownership Limitation**” shall initially be set at the discretion of each Holder to a percentage designated by such Holder on its signature page to the Purchase Agreement between 0% and 19.9% of the number of shares of the Common Stock outstanding or deemed to be outstanding as of the applicable measurement date, and such percentage shall be set at 19.9% for any Holder that does not make such designation in the Purchase Agreement. The Corporation shall be entitled to rely on representations made to it by the Holder in any Notice of Conversion regarding its Beneficial Ownership Limitation. Notwithstanding the foregoing, by written notice to the Corporation, (i) the Holder may reset the Beneficial Ownership Limitation percentage to a higher percentage, not to exceed 19.9%, which increase will not be effective until the sixty-first (61st) day after such written notice is delivered to the Corporation, and (ii) the Holder may reset the Beneficial Ownership Limitation percentage to a lower percentage provided that such decrease shall not become effective until the later of (x) 5:00 p.m. Eastern time on the third Business Day after the date of the Stockholder Approval and (y) if Stockholder Approval is not obtained within six months after the initial issuance of the Series A Non-Voting Preferred Stock, the date that is three Business Days after the date that is six months after the initial issuance of the

Series A Non-Voting Preferred Stock. Upon such a change by a Holder of the Beneficial Ownership Limitation, not to exceed 19.9%, the Beneficial Ownership Limitation may not be further amended by such Holder without first providing the minimum notice required by this Section 6.4. Notwithstanding the foregoing, at any time following notice of a Fundamental Transaction, the Holder may waive and/or change the Beneficial Ownership Limitation effective immediately upon written notice to the Corporation and may reinstitute a Beneficial Ownership Limitation at any time thereafter effective immediately upon written notice to the Corporation. The provisions of this Section 6.4 shall be construed, corrected and implemented in a manner so as to effectuate the intended Beneficial Ownership Limitation herein contained and the shares of Common Stock underlying the Securities in excess of the Beneficial Ownership Limitation shall not be deemed to be beneficially owned by the Purchaser for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the Exchange Act.

6.5 Mechanics of Conversion.

6.5.1 Delivery of Certificate or Electronic Issuance. Upon Conversion not later than two (2) Trading Days after the applicable Conversion Date, or if the Holder requests the issuance of physical certificate(s), two (2) Trading Days after receipt by the Corporation of the original certificate(s) representing such shares of Series A Non-Voting Preferred Stock being converted, duly endorsed, and the accompanying Notice of Conversion (the “**Share Delivery Date**”), the Corporation shall either: (a) deliver, or cause to be delivered, to the converting Holder a physical certificate or certificates representing the number of Conversion Shares being acquired upon the conversion of shares of Series A Non-Voting Preferred Stock, or (b) in the case of a DWAC Delivery (if so requested by the Holder), electronically transfer such Conversion Shares by crediting the account of the Holder’s prime broker with DTC through its DWAC system. If in the case of any Notice of Conversion such certificate or certificates for the Conversion Shares are not delivered to or as directed by or, in the case of a DWAC Delivery, such shares are not electronically delivered to or as directed by, the applicable Holder by the Share Delivery Date, the applicable Holder shall be entitled to elect to rescind such Notice of Conversion by written notice to the Corporation at any time on or before its receipt of such certificate or certificates for Conversion Shares or electronic receipt of such shares, as applicable, in which event the Corporation shall promptly return to such Holder any original Series A Non-Voting Preferred Stock certificate delivered to the Corporation and such Holder shall promptly return to the Corporation any Common Stock certificates or otherwise direct the return of any shares of Common Stock delivered to the Holder through the DWAC system, representing the shares of Series A Non-Voting Preferred Stock unsuccessfully tendered for conversion to the Corporation.

6.5.2 Obligation Absolute. Subject to Section 6.4 and subject to Holder’s right to rescind a Notice of Conversion pursuant to Section 6.5.1, the Corporation’s obligation to issue and deliver the Conversion Shares upon conversion of Series A Non-Voting Preferred Stock in accordance with the terms hereof are absolute and unconditional, irrespective of any action or inaction by a Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination, or any breach or alleged breach by such Holder or any other Person of any obligation to the Corporation or any violation or alleged violation of law by such Holder or any other Person, and irrespective of any other circumstance which might otherwise limit such obligation of the Corporation to such Holder in connection with the issuance of such Conversion Shares. Subject to Section 6.4 and subject to Holder’s right to rescind a Notice of Conversion pursuant to Section 6.5.1, in the event a Holder shall elect to convert any or all of its Series A Non-Voting Preferred Stock, the Corporation may not refuse conversion based on any claim that such Holder or anyone associated or affiliated with such Holder has been engaged in any violation of law, agreement or for any other reason, unless an injunction from a court, on notice to Holder, restraining and/or enjoining conversion of all or part of the Series A Non-Voting Preferred Stock of such Holder shall have been sought and obtained by the Corporation, and the Corporation posts a surety bond for the benefit of such Holder in the amount of 150% of the value of the Conversion Shares into which would be converted the Series A Non-Voting Preferred Stock which is subject to such injunction, which bond shall remain in effect until the completion of arbitration/litigation of the underlying dispute and the proceeds of which shall be payable to such Holder to the extent it obtains judgment. In the absence of such injunction, the Corporation shall, subject to Section 6.4 and subject to Holder’s right to rescind a Notice of Conversion pursuant to Section 6.5.1, issue Conversion Shares upon a properly noticed conversion.

6.5.3 Cash Settlement. If, at any time after the earlier of Stockholder Approval or six months after the initial issuance of the Series A Non-Voting Preferred Stock, the Corporation fails to deliver to a Holder such certificate or certificates, or electronically deliver (or cause its transfer agent to electronically deliver) such shares in the case of a DWAC Delivery, pursuant to Section 6.5.1 on or prior to the third (3rd) Trading Day after the Share Delivery Date applicable to such conversion (other than a failure caused by (i) materially incorrect or incomplete information provided by Holder to the Corporation or (ii) the application of the Beneficial Ownership Limitation after Stockholder Approval (but, prior to the Stockholder Approval, disregarding for such purpose any Beneficial Ownership Limitation)), then, unless the Holder has rescinded the applicable Notice of Conversion pursuant to Section 6.5.1, the Corporation shall, at the request of the Holder, pay an amount equal to the Fair Value (as defined below) of such undelivered shares, with such payment to be made within two Business Days from the date of request by the Holder, whereupon the Corporation's obligations to deliver such shares underlying the Notice of Conversion shall be extinguished upon payment in full of the Fair Value of such undelivered shares; provided, however that such request shall be presumed to have been made by such Holder if Stockholder Approval shall not have been obtained prior to the date on which the Notice of Conversion is delivered to the Corporation. For purposes of this Section 6.5.3, the "Fair Value" of shares shall be fixed with reference to the last reported Closing Sale Price on the principal Trading Market on which the Common Stock is listed as of the Trading Day immediately prior to the date on which the Notice of Conversion is delivered to the Corporation. For the avoidance of doubt, the cash settlement provisions set forth in this Section 6.5.3 shall be available irrespective of the reason for the Corporation's failure to timely deliver Conversion Shares (other than a failure caused by (i) materially incorrect or incomplete information provided by Holder to the Corporation or (ii) the application of the Beneficial Ownership Limitation after Stockholder Approval (but, prior to the Stockholder Approval, disregarding for such purpose any Beneficial Ownership Limitation)), including due to limitations set forth in Section 6.5.6, the lack of obtaining Stockholder Approval, or due to applicable Trading Market rules.

6.5.4 Buy-In on Failure to Timely Deliver Certificates. If the Corporation fails to deliver to a Holder the applicable certificate or certificates or to effect a DWAC Delivery, as applicable, by the Share Delivery Date pursuant to Section 6.5.1 (other than a failure caused by materially incorrect or incomplete information provided by Holder to the Corporation or the application of the Beneficial Ownership Limitation), and if after such Share Delivery Date such Holder is required by its brokerage firm to purchase (in an open market transaction or otherwise), or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by such Holder of the Conversion Shares which such Holder was entitled to receive upon the conversion relating to such Share Delivery Date (a "**Buy-In**"), then the Corporation shall (A) pay in cash to such Holder (in addition to any other remedies available to or elected by such Holder) the amount by which (x) such Holder's total purchase price (including any brokerage commissions) for the shares of Common Stock so purchased exceeds (y) the product of (1) the aggregate number of shares of Common Stock that such Holder was entitled to receive from the conversion at issue multiplied by (2) the actual sale price at which the sell order giving rise to such purchase obligation was executed (including any brokerage commissions) and (B) at the option of such Holder, either reissue (if surrendered) the shares of Series A Non-Voting Preferred Stock equal to the number of shares of Series A Non-Voting Preferred Stock submitted for conversion or deliver to such Holder the number of shares of Common Stock that would have been issued if the Corporation had timely complied with its delivery requirements under Section 6.5.1. For example, if a Holder purchases shares of Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted conversion of shares of Series A Non-Voting Preferred Stock with respect to which the actual sale price (including any brokerage commissions) giving rise to such purchase obligation was a total of \$10,000 under clause (A) of the immediately preceding sentence, the Corporation shall be required to pay such Holder \$1,000. The Holder shall provide the Corporation written notice, within three (3) Trading Days after the occurrence of a Buy-In, indicating the amounts payable to such Holder in respect of such Buy-In together with applicable confirmations and other evidence reasonably requested by the

Corporation. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Corporation's failure to timely deliver certificates representing shares of Common Stock upon conversion of the shares of Series A Non-Voting Preferred Stock as required pursuant to the terms hereof or the cash settlement remedy set forth in Section 6.5.3; provided, however, that the Holder shall not be entitled to both (i) require the reissuance of the shares of Series A Non-Voting Preferred Stock submitted for conversion for which such conversion was not timely honored and (ii) receive the number of shares of Common Stock that would have been issued if the Corporation had timely complied with its delivery requirements under Section 6.5.1.

6.5.5 Reservation of Shares Issuable Upon Conversion. The Corporation covenants that at all times it will reserve and keep available out of its authorized and unissued shares of Common Stock for the sole purpose of issuance upon conversion of the Series A Non-Voting Preferred Stock, free from preemptive rights or any other actual contingent purchase rights of Persons other than the Holders of the Series A Non-Voting Preferred Stock, not less than such aggregate number of shares of the Common Stock as shall be issuable (taking into account the adjustments of Section 7) upon the conversion of all outstanding shares of Series A Non-Voting Preferred Stock. The Corporation covenants that all shares of Common Stock that shall be so issuable shall, upon issue, be duly authorized, validly issued, fully paid and non-assessable.

6.5.6 Fractional Shares. No fractional shares of Common Stock shall be issued upon conversion of the Series A Non-Voting Preferred Stock, no certificates or scrip for any such fractional shares shall be issued and no cash shall be paid for any such fractional shares. Any fractional shares of Common Stock that a Holder of Series A Non-Voting Preferred Stock would otherwise be entitled to receive shall be aggregated with all fractional shares of Common Stock issuable to such Holder and any remaining fractional shares shall be rounded up to the nearest whole share. Whether or not fractional shares would be issuable upon such conversion shall be determined on the basis of the total number of shares of Series A Non-Voting Preferred Stock the Holder is at the time converting into Common Stock and the aggregate number of shares of Common Stock issuable upon such conversion.

6.5.7 Transfer Taxes. The issuance of certificates for shares of the Common Stock upon conversion of the Series A Non-Voting Preferred Stock shall be made without charge to any Holder for any documentary stamp or similar taxes that may be payable in respect of the issue or delivery of such certificates, provided that the Corporation shall not be required to pay any tax that may be payable in respect of any transfer involved in the issuance and delivery of any such certificate upon conversion in a name other than that of the registered Holder(s) of such shares of Series A Non-Voting Preferred Stock and the Corporation shall not be required to issue or deliver such certificates unless or until the Person or Persons requesting the issuance thereof shall have paid to the Corporation the amount of such tax or shall have established to the satisfaction of the Corporation that such tax has been paid.

6.6 Status as Stockholder. Upon each Conversion Date, (i) the shares of Series A Non-Voting Preferred Stock being converted shall be deemed converted into shares of Common Stock and (ii) the Holder's rights as a holder of such converted shares of Series A Non-Voting Preferred Stock shall cease and terminate, excepting only the right to receive certificates for such shares of Common Stock and to any remedies provided herein or otherwise available at law or in equity to such Holder because of a failure by the Corporation to comply with the terms of this Certificate of Designation. In all cases, the Holder shall retain all of its rights and remedies for the Corporation's failure to convert Series A Non-Voting Preferred Stock. In no event shall the Series A Non-Voting Preferred Stock convert into shares of Common Stock prior to the Stockholder Approval.

7. Certain Adjustments.

7.1 Stock Dividends and Stock Splits. If the Corporation, at any time while this Series A Non-Voting Preferred Stock is outstanding: (A) pays a stock dividend or otherwise makes a distribution or distributions payable in shares of Common Stock (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Corporation upon conversion of this Series A Non-Voting Preferred Stock) with respect to the then outstanding shares of Common Stock; (B) subdivides outstanding shares of Common Stock into a larger number of shares; or (C) combines (including by way of a reverse stock split) outstanding shares of Common Stock into a smaller number of shares, then the Conversion Ratio shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding any treasury shares of the Corporation) outstanding immediately after such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately before such event (excluding any treasury shares of the Corporation). Any adjustment made pursuant to this Section 7.1 shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision or combination.

7.2 Fundamental Transaction. If, at any time while this Series A Non-Voting Preferred Stock is outstanding, (A) the Corporation effects any merger or consolidation of the Corporation with or into another Person or any stock sale to, or other business combination (including, without limitation, a reorganization, recapitalization, spin-off, share exchange or scheme of arrangement) with or into another Person (other than such a transaction in which the Corporation is the surviving or continuing entity and its Common Stock is not exchanged for or converted into other securities, cash or property), (B) the Corporation effects any sale, lease, transfer or exclusive license of all or substantially all of its assets in one transaction or a series of related transactions, (C) any tender offer or exchange offer (whether by the Corporation or another Person) is completed pursuant to which more than 50% of the Common Stock not held by the Corporation or such Person is exchanged for or converted into other securities, cash or property, or (D) the Corporation effects any reclassification of the Common Stock or any compulsory share exchange pursuant (other than as a result of a dividend, subdivision or combination covered by Section 7.1) to which the Common Stock is effectively converted into or exchanged for other securities, cash or property (in any such case, a “**Fundamental Transaction**”), then, upon any subsequent conversion of this Series A Non-Voting Preferred Stock the Holders shall have the right to receive, in lieu of the right to receive Conversion Shares, for each Conversion Share that would have been issuable upon such conversion immediately prior to the occurrence of such Fundamental Transaction, the same kind and amount of securities, cash or property as it would have been entitled to receive upon the occurrence of such Fundamental Transaction if it had been, immediately prior to such Fundamental Transaction, the holder of one share of Common Stock (the “**Alternate Consideration**”). For purposes of any such subsequent conversion, the determination of the Conversion Ratio shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Corporation shall adjust the Conversion Ratio in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holders shall be given the same choice as to the Alternate Consideration it receives upon any conversion of this Series A Non-Voting Preferred Stock following such Fundamental Transaction. To the extent necessary to effectuate the foregoing provisions, any successor to the Corporation or surviving entity in such Fundamental Transaction shall file a new certificate of designations with the same terms and conditions and issue to the Holders new preferred stock consistent with the foregoing provisions and evidencing the Holders’ right to convert such preferred stock into Alternate Consideration. The terms of any agreement to which the Corporation is a party and pursuant to which a Fundamental Transaction is effected shall include terms requiring any such successor or surviving entity to comply with the provisions of this Section 7.2 and insuring that this Series A Non-Voting Preferred Stock (or any such replacement security) will be similarly adjusted upon any subsequent transaction analogous to a Fundamental Transaction. The Corporation shall cause to be delivered to each Holder, at its last address as it shall appear upon the stock books of the Corporation, written notice of any Fundamental Transaction at least 20 calendar days prior to the date on which such Fundamental Transaction is expected to become effective or close. Notwithstanding anything to the contrary herein, the Corporation’s disposition of certain assets pursuant to the CVR Agreement shall not constitute a Fundamental Transaction.

7.3 Calculations. All calculations under this Section 7 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 7, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding any treasury shares of the Corporation) issued and outstanding.

8. Redemption. The shares of Series A Non-Voting Preferred Stock shall not be redeemable; provided, however, that the foregoing shall not limit the ability of the Corporation to purchase or otherwise deal in such shares to the extent otherwise permitted hereby and by law, nor shall the foregoing limit the Holder's rights under Section 6.5.3.

9. Transfer. A Holder may transfer any shares of Series A Non-Voting Preferred Stock together with the accompanying rights set forth herein, held by such holder without the consent of the Corporation; provided that such transfer is in compliance with applicable securities laws. The Corporation shall in good faith (i) do and perform, or cause to be done and performed, all such further acts and things, and (ii) execute and deliver all such other agreements, certificates, instruments and documents, in each case, as any holder of Series A Non-Voting Preferred Stock may reasonably request in order to carry out the intent and accomplish the purposes of this Section 9. The transferee of any shares of Series A Non-Voting Preferred Stock shall be subject to the Beneficial Ownership Limitation applicable to the transferor as of the time of such transfer.

10. Series A Non-Voting Preferred Stock Register. The Corporation shall maintain at its principal executive offices (or such other office or agency of the Corporation as it may designate by notice to the Holders in accordance with Section 11), a register for the Series A Non-Voting Preferred Stock, in which the Corporation shall record (i) the name, address, and electronic mail address of each holder in whose name the shares of Series A Non-Voting Preferred Stock have been issued and (ii) the name, address, and electronic mail address of each transferee of any shares of Series A Non-Voting Preferred Stock. The Corporation may deem and treat the registered Holder of shares of Series A Non-Voting Preferred Stock as the absolute owner thereof for the purpose of any conversion thereof and for all other purposes. The Corporation shall keep the register open and available at all times during business hours for inspection by any holder of Series A Non-Voting Preferred Stock or his, her or its legal representatives.

11. Notices. Any notice required or permitted by the provisions of this Certificate of Designation to be given to a Holder of shares of Series A Non-Voting Preferred Stock shall be mailed, postage prepaid, to the post office address last shown on the records of the Corporation, or given by electronic communication in compliance with the provisions of the Delaware General Corporation Law, and shall be deemed sent upon such mailing or electronic transmission.

12. Book-Entry; Certificates. The Series A Non-Voting Preferred Stock will be issued in book-entry form; provided that, if a Holder requests that such Holder's shares of Series A Non-Voting Preferred Stock be issued in certificated form, the Corporation will instead issue a stock certificate to such Holder representing such Holder's shares of Series A Non-Voting Preferred Stock. To the extent that any shares of Series A Non-Voting Preferred Stock are issued in book-entry form, references herein to "certificates" shall instead refer to the book-entry notation relating to such shares.

13. Waiver. Any waiver by the Corporation or a Holder of a breach of any provision of this Certificate of Designation shall not operate as or be construed to be a waiver of any other breach of such provision or of any breach of any other provision of this Certificate of Designation or a waiver by any other Holders. The failure of the Corporation or a Holder to insist upon strict adherence to any term of this Certificate of Designation on one or more occasions shall not be considered a waiver or deprive that party (or any other Holder) of the right thereafter to insist upon strict adherence to that term or any other term of this Certificate of Designation. Any waiver by the Corporation or a Holder must be in writing. Notwithstanding any provision in this Certificate of Designation to the contrary, any provision contained herein and any right of the Holders of Series A Non-Voting Preferred Stock

granted hereunder may be waived as to all shares of Series A Non-Voting Preferred Stock (and the Holders thereof) upon the written consent of the Holders of not less than a majority of the shares of Series A Non-Voting Preferred Stock then outstanding, provided, however, that the Beneficial Ownership Limitation applicable to a Holder, and any provisions contained herein that are related to such Beneficial Ownership Limitation, cannot be modified, waived or terminated without the consent of such Holder, provided further, that any proposed waiver that would, by its terms, have a disproportionate and materially adverse effect on any Holder shall require the consent of such Holder(s).

14. Severability. Whenever possible, each provision hereof shall be interpreted in a manner as to be effective and valid under applicable law, but if any provision hereof is held to be prohibited by or invalid under applicable law, then such provision shall be ineffective only to the extent of such prohibition or invalidity, without invalidating or otherwise adversely affecting the remaining provisions hereof.

15. Status of Converted Series A Non-Voting Preferred Stock. If any shares of Series A Non-Voting Preferred Stock shall be converted or redeemed by the Corporation, such shares shall, to the fullest extent permitted by applicable law, be retired and cancelled upon such acquisition, and shall not be reissued as a share of Series A Non-Voting Preferred Stock. Any share of Series A Non-Voting Preferred Stock so acquired shall, upon its retirement and cancellation, and upon the taking of any action required by applicable law, resume the status of authorized but unissued shares of preferred stock and shall no longer be designated as Series A Non-Voting Preferred Stock.

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IN WITNESS WHEREOF, Aeglea BioTherapeutics, Inc. has caused this Certificate of Designation of Preferences, Rights and Limitations of Series A Non-Voting Convertible Preferred Stock to be duly executed by its Chief Executive Officer on June 22, 2023.

AEGLEA BIOTHERAPEUTICS, INC.

By: _____
Name: _____
Title: _____

ANNEX A

NOTICE OF CONVERSION

(TO BE EXECUTED BY THE REGISTERED HOLDER IN ORDER TO CONVERT SHARES OF SERIES A NON-VOTING CONVERTIBLE PREFERRED STOCK)

The undersigned Holder hereby irrevocably elects to convert the number of shares of Series A Non-Voting Preferred Stock indicated below, represented in book-entry form, into shares of common stock, par value \$0.0001 per share (the “**Common Stock**”), of Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Corporation**”), as of the date written below. If securities are to be issued in the name of a Person other than the undersigned, the undersigned will pay all transfer taxes payable with respect thereto. Capitalized terms utilized but not defined herein shall have the meaning ascribed to such terms in that certain Certificate of Designation of Preferences, Rights and Limitations of Series A Non-Voting Convertible Preferred Stock (the “**Certificate of Designation**”) filed by the Corporation with the Secretary of State of the State of Delaware on June 22, 2023.

As of the date hereof, the number of shares of Common Stock beneficially owned by the undersigned Holder (together with such Holder’s Attribution Parties), including the number of shares of Common Stock issuable upon conversion of the Series A Non-Voting Preferred Stock subject to this Notice of Conversion, but excluding the number of shares of Common Stock which are issuable upon (A) conversion of the remaining, unconverted Series A Non-Voting Preferred Stock beneficially owned by such Holder or any of its Attribution Parties, and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Corporation (including any warrants) beneficially owned by such Holder or any of its Attribution Parties that are subject to a limitation on conversion or exercise similar to the limitation contained in Section 6.4 of the Certificate of Designation, is _____. For purposes hereof, beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the applicable regulations of the Commission. In addition, for purposes hereof, “group” has the meaning set forth in Section 13(d) of the Exchange Act and the applicable regulations of the Commission.

CONVERSION CALCULATIONS:

Date to Effect Conversion: _____

Number of shares of Series A Non-Voting Preferred Stock owned prior to Conversion: _____

Number of shares of Series A Non-Voting Preferred Stock to be Converted: _____

Number of shares of Common Stock to be Issued: _____

Address for delivery of physical certificates: _____

For DWAC Delivery, please provide the following:

Broker No.: _____

Account No.: _____

[HOLDER]

By: _____

Name: _____

Title: _____

Exhibit D
Form of CVR Agreement

D-1

**FORM OF
CONTINGENT VALUE RIGHTS AGREEMENT**

THIS CONTINGENT VALUE RIGHTS AGREEMENT (this “**Agreement**”), dated as of [•], 2023, is entered into by and between Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), and American Stock Transfer & Trust Company LLC, a Delaware limited liability company, as Rights Agent (as defined herein).

RECITALS

WHEREAS, the Company, Aspen Merger Sub I, Inc., a Delaware corporation and wholly owned subsidiary of the Company (“**First Merger Sub**”), Sequoia Merger Sub II, LLC, a Delaware limited liability company and wholly owned subsidiary of the Company (“**Second Merger Sub**”), and **SPYRE THERAPEUTICS, INC.**, a Delaware corporation (“**Spyre**”), have entered into an Agreement and Plan of Merger, dated as of [•], 2023 (the “**Merger Agreement**”), pursuant to which First Merger Sub will merge with and into Spyre (the “**First Merger**”), with Spyre surviving the First Merger as a wholly-owned subsidiary of the Company and immediately following the First Merger and as part of the same overall transaction, Spyre will merge with and into Second Merger Sub (the “**Second Merger**” and together with the First Merger, the “**Merger**”), with Second Merger Sub surviving the Second Merger as a wholly owned subsidiary of the Company (the “**Surviving Company**”);

WHEREAS, pursuant to the Merger Agreement, and in accordance with the terms and conditions thereof, the Company has agreed to provide to the Holders (as defined herein) contingent value rights as hereinafter described;

WHEREAS, the parties have done all things reasonably necessary to make the contingent value rights, when issued pursuant to the Merger Agreement and hereunder, the valid obligations of the Company and to make this Agreement a valid and binding agreement of the Company, in accordance with its terms; and

NOW, THEREFORE, in consideration of the premises and the consummation of the transactions referred to above, it is mutually covenanted and agreed, for the proportionate benefit of all Holders, as follows:

**ARTICLE 1.
DEFINITIONS**

Section 1.1 Definitions. Capitalized terms used but not otherwise defined herein have the meanings ascribed thereto in the Merger Agreement. The following terms have the meanings ascribed to them as follows:

“**Acting Holders**” means, at the time of determination, the Holders of at least 30% of the outstanding CVRs, as reflected on the CVR Register.

“Adjustment Amount” means the amount (negative or positive) of any assets or Liabilities existing or incurred during the CVR Term that would have been required to be included in the calculation of Net Cash to the extent not taken account in the calculation of Net Cash in connection with calculating the Exchange Ratio provided that such assets or Liabilities shall not exceed \$1,000,000.

“Assignee” has the meaning set forth in Section 7.5.

“Calendar Quarter” means the successive periods of three (3) consecutive calendar months ending on March 31, June 30, September 30 or December 31, for so long as this Agreement is in effect; *provided, however* that (a) the first Calendar Quarter shall commence on the date of this Agreement and shall end on the first September 30 thereafter, and (b) the last Calendar Quarter shall commence on the first day after the full Calendar Quarter immediately preceding the effective date of the termination or expiration of this Agreement and shall end on the effective date of the termination or expiration of this Agreement.

“Common Stock” means the common stock, \$0.0001 par value, of the Company.

“Company Legacy Business” means the business of the Company as conducted at any time prior to the date of this Agreement, including but not limited to business related to the Potentially Transferable Assets.

“CVR” means a contingent contractual right of Holders to receive CVR Payments pursuant to the Merger Agreement and this Agreement.

“CVR Cash Payment” means the Net Proceeds, plus the Adjustment Amount, received by the Company in a given Calendar Quarter.

“CVR Fees” means all fees and other amounts associated with the execution, delivery and performance of this Agreement or otherwise associated with any action contemplated by Section 1.10 of the Merger Agreement.

“CVR Payment” means any CVR Cash Payment; provided that the Company, in its reasonable discretion as resolved by the Company’s Board of Directors, may withhold up to 15% of any CVR Cash Payment to provide for the satisfaction of (i) indemnity obligations under any Disposition Agreement in excess of any escrow fund established therein, in each case to the extent not already deducted as Permitted Deductions, and (ii) any Loss arising out of any third-party claims, demands, actions, or other proceedings relating to or in connection with any Potentially Transferable Assets during the CVR Term; provided, further, that any such withheld amount shall be distributed (net of any Permitted Deductions satisfied therefrom) to the Holders no later than three (3) years following the date such amount would have otherwise been distributed to the Holders in the CVR Payment from which such amount was deducted.

“CVR Payment Amount” means with respect to each CVR Payment and each Holder, an amount equal to such CVR Payment divided by the total number of CVRs and then multiplied by the total number of CVRs held by such Holder as reflected on the CVR Register.

“CVR Payment Period” means a period equal to a Calendar Quarter ending at any time after the effective date of a Disposition Agreement.

“CVR Payment Statement” means, for a given CVR Payment Period during the CVR Term, a written statement of the Company, signed on behalf of the Company, setting forth in reasonable detail the calculation of the applicable CVR Payment for such CVR Payment Period.

“CVR Register” has the meaning set forth in Section 2.3(b).

“CVR Term” means the period beginning on the Closing and ending upon the third anniversary of this Agreement.

“Disposition” means the sale, license, transfer or disposition of any Potentially Transferable Asset (including any such sale or disposition of equity securities in any Subsidiary established by the Company to hold any right, title or interest in or to any Potentially Transferable Asset), in each case during the Disposition Period.

“Disposition Agreement” means a definitive written agreement providing for a transaction or series of transactions between the Company or its Affiliates and any Person who is not an Affiliate of the Company regarding a Disposition.

“Disposition Period” means the period beginning on the execution date of the Merger Agreement and ending on the first anniversary of the Closing.

“DTC” means The Depository Trust Company or any successor thereto.

“Gross Proceeds” means, without duplication, the sum of all cash consideration and the value of any marketable securities actually received by the Company or its Affiliates during the CVR Term in consideration for a Disposition pursuant to a Disposition Agreement. The value of any marketable securities (whether debt or equity) shall be equal to the volume weighted average of their closing market prices for the thirty (30) trading days ending the day prior to the date of payment to, or receipt by, the Company or its relevant Affiliate.

“Holder” means, at the relevant time, a Person in whose name CVRs are registered in the CVR Register.

“Loss” has the meaning set forth in Section 3.2(g).

“Net Cash” means unrestricted free cash and cash equivalents, plus (i) all prepaid expenses and receivables expected to provide benefit to the combined company within 12 months of Closing, minus (ii) total short and long term liabilities accrued at Closing, minus (iii) fees and expenses incurred with respect to the Contemplated Transactions, including for the avoidance of doubt, the Transaction Expenses of Parent to the extent unpaid as of the Closing and any Black Scholes make-whole payments to warrant holders, minus (iv) the cash cost of change in control and severance payments arising in connection with the Merger (including any Black Scholes make-whole payments to warrant holders), minus (v) wind-down costs associated with the Company Legacy Business, including lease liabilities and the termination of any ongoing clinical trials.

“Net Proceeds” means, for any CVR Payment Period, the Gross Proceeds minus Permitted Deductions for such CVR Payment Period, all as calculated, to the extent in accordance with GAAP, in a manner consistent with the Company’s accounting practices and the most recently filed annual audited financial statements with the SEC, except as otherwise set forth herein. For clarity, to the extent Permitted Deductions exceed Gross Proceeds for any CVR Payment Period, any excess Permitted Deductions shall be applied against Gross Proceeds in subsequent CVR Payment Periods.

“Notice” has the meaning set forth in Section 7.1.

“Officer’s Certificate” means a certificate signed by the chief executive officer and the chief financial officer of the Company, in their respective official capacities.

“Party” means the Company or the Rights Agent.

“Permitted Deductions” means the sum of, without duplication:

(a) any applicable Taxes (including any applicable value added or sales taxes) imposed on Gross Proceeds and payable by the Company or any of its Affiliates (regardless of whether the due date for such Taxes arises during or after the Disposition Period) and, without duplication, any income or other similar Taxes payable by the Company or any of its Affiliates that would not have been incurred by the Company or any of its Affiliates but for the Gross Proceeds; provided that, for purposes of calculating income Taxes incurred by the Company or its Affiliates in respect of the Gross Proceeds, any such income Taxes shall be computed based on the gain recognized by the Company or its Affiliates from the Disposition after reduction for any net operating loss carryforwards or other Tax attributes of the Company or its Affiliates as of the Closing Date that are available to offset such gain after taking into account any limits of the usability of such attributes, including under Section 382 of the Code as determined by the Company’s tax advisers;

(b) any reasonable out of pocket expenses incurred by the Company or any of its Affiliates in respect of its performance of this Agreement following the Closing Date or in respect of its performance of any Contract in connection with any Potentially Transferable Asset, including any costs related to the prosecution, maintenance or enforcement by the Company or any of its Subsidiaries of intellectual property rights (but excluding any costs related to a breach of this Agreement, including costs incurred in litigation in respect of the same);

(c) any reasonable out of pocket expenses incurred or accrued by the Company or any of its Affiliates in connection with the negotiation, entry into and closing of any Disposition of any Potentially Transferable Asset, including any brokerage fee, finder’s fee, opinion fee, success fee, transaction fee, service fee or other fee, commission or expense owed to any broker, finder, investment bank, auditor, accountant, counsel, advisor or other third party in relation thereto;

(d) any Losses incurred or reasonably expected to be incurred by the Company or any of its Affiliates arising out of any third-party claims, demands, actions, or other proceedings relating to or in connection with any Disposition, including indemnification obligations of the Company or any of its Affiliates set forth in any Disposition Agreement;

(e) any Liabilities borne by the Company or any of its Affiliates pursuant to Contracts related to Potentially Transferable Assets, including costs arising from the termination thereof; and

(f) any fees required to be paid pursuant to Section 3.1(h).

“Permitted Transfer” means a transfer of CVRs (a) upon death of a Holder by will or intestacy; (b) pursuant to a court order; (c) by operation of law (including by consolidation or merger) or without consideration in connection with the dissolution, liquidation or termination of any corporation, limited liability company, partnership or other entity; (d) in the case of CVRs held in book-entry or other similar nominee form, from a nominee to a beneficial owner and, if applicable, through an intermediary, to the extent allowable by DTC; or (e) as provided in Section 2.6.

“Potentially Transferable Assets” means the tangible and intangible assets (including intellectual property) primarily used in or primarily related to the research and development programs of the Company, including pegtarviliase for Homocystinuria and pegzilarginase for Arginase 1 Deficiency.

“Rights Agent” means the Rights Agent named in the first paragraph of this Agreement, until a successor Rights Agent will have become the Rights Agent pursuant to the applicable provisions of this Agreement, and thereafter “Rights Agent” will mean such successor Rights Agent.

“Transaction Expenses” means, without duplication, with respect to a Party, the aggregate amount (without duplication) of all costs, fees and expenses incurred by such Party or any of its Subsidiaries (including Merger Subs), or for which such Party or any of its Subsidiaries are or may become liable in connection with the Contemplated transactions and the negotiation, preparation and execution of the Merger Agreement or any other agreement, document, instrument, filing, certificate, schedule, exhibit, letter or other document prepared or executed in connection with the Contemplated Transactions, including (a) any fees and expenses of legal counsel and accountants, the maximum amount of fees and expenses payable to financial advisors, investment bankers, brokers, consultants, tax advisors and other advisors of such Party and (b) the CVR Fees.

ARTICLE 2.

CONTINGENT VALUE RIGHTS

Section 2.1 Holders of CVRs; Appointment of Rights Agent.

(a) The CVRs represent the rights of Holders to receive CVR Payments pursuant to this Agreement. The initial Holders will be the holders of Common Stock as of immediately prior to the First Effective Time. One CVR will be issued with respect to each share of Common Stock that is outstanding as of immediately prior to the First Effective Time.

(b) The Company hereby appoints the Rights Agent to act as Rights Agent for the Company in accordance with the express terms and conditions set forth in this Agreement, and the Rights Agent hereby accepts such appointment.

Section 2.2 Non-transferable. The CVRs may not be sold, assigned, transferred, pledged, encumbered or in any other manner transferred or disposed of, in whole or in part, other than through a Permitted Transfer. The CVRs will not be listed on any quotation system or traded on any securities exchange.

Section 2.3 No Certificate; Registration; Registration of Transfer; Change of Address.

(a) The CVRs will be issued in book-entry form only and will not be evidenced by a certificate or other instrument.

(b) The Rights Agent shall create and maintain a register (the “**CVR Register**”) for the purpose of registering CVRs and Permitted Transfers. The CVR Register will be created, and CVRs will be distributed, pursuant to written instructions to the Rights Agent from the Company. The CVR Register will initially show one position for Cede & Co. representing shares of Common Stock held by DTC on behalf of the street holders of the shares of Common Stock held by such holders as of immediately prior to the First Effective Time. The Rights Agent will have no responsibility whatsoever directly or indirectly to the street name holders with respect to transfers of CVRs. With respect to any payments or issuances to be made under Section 2.4 below, the Rights Agent will accomplish the payment to any former street name holders of shares of Common Stock by sending one lump-sum payment or issuance to DTC. The Rights Agent will have no responsibilities whatsoever with regard to the distribution of payments or shares of Common Stock by DTC to such street name holders.

(c) Subject to the restrictions on transferability set forth in Section 2.2, every request made to transfer a CVR must be in writing and accompanied by a written instrument of transfer in form reasonably satisfactory to the Rights Agent pursuant to its guidelines or procedures, including a guaranty of signature by an “eligible guarantor institution” that is a member or participant in the Securities Transfer Agents Medallion Program, duly executed by the Holder thereof, the Holder’s attorney duly authorized in writing, the Holder’s personal representative or the Holder’s survivor, and setting forth in reasonable detail the circumstances relating to the transfer. Upon receipt of such written notice, the Rights Agent shall, subject to its reasonable determination that the transfer instrument is in proper form and the transfer otherwise complies with the other terms and conditions of this Agreement (including the provisions of Section 2.2), register the transfer of the CVRs in the CVR Register. The Company and Rights Agent may require evidence of payment of a sum sufficient to cover any stamp, documentary, registration, or other Tax or governmental charge that is imposed in connection with any such registration of transfer (or evidence that such Taxes and charges are not applicable). All duly transferred CVRs registered in the CVR Register will be the valid obligations of the Company and will entitle the transferee to the same benefits and rights under this Agreement as those held immediately prior to the transfer by the transferor. No transfer of a CVR will be valid until registered in the CVR Register.

(d) A Holder may make a written request to the Rights Agent to change such Holder’s address of record in the CVR Register. The written request must be duly executed by the Holder. Upon receipt of such written notice, the Rights Agent shall, subject to its reasonable determination that the transfer instrument is in proper form, promptly record the change of address

in the CVR Register. The Acting Holders may, without duplication, make a written request to the Rights Agent for a list containing the names, addresses and number of CVRs of the Holders that are registered in the CVR Register. Upon receipt of such written request from the Acting Holders, the Rights Agent shall promptly deliver a copy of such list to the Acting Holders.

(e) The Company will provide written instructions to the Rights Agent for the distribution of CVRs to holders of Common Stock as of immediately prior to the First Effective Time (the “**Record Time**”). Subject to the terms and conditions of this Agreement and the Company’s prompt confirmation of the First Effective Time, the Rights Agent shall effect the distribution of the CVRs, less any applicable tax withholding, to each holder of Common Stock as of the Record Time by the mailing of a statement of holding reflecting such CVRs.

Section 2.4 Payment Procedures.

(a) No later than forty-five (45) days following the end of each Calendar Quarter during the CVR Term beginning with the Calendar Quarter ending on September 30, 2023, commencing with the first CVR Payment Period in which the Company or its Affiliates receives Gross Proceeds, the Company shall deliver to the Rights Agent a CVR Payment Statement for such CVR Payment Period. Concurrent with the delivery of each CVR Payment Statement, on the terms and conditions of this Agreement, the Company shall pay the Rights Agent in U.S. dollars an amount equal to ninety percent (90%) of the CVR Payment plus the Adjustment Amount, if applicable (subject to the proviso in the definition of the term “CVR Payment”), for the applicable CVR Payment Period. Such CVR Payment will be transferred by wire transfer of immediately available funds to an account designated in writing by the Rights Agent not less than twenty (20) Business Days prior to the date of the applicable payment. Upon receipt of the wire transfer referred to in the foregoing sentence, the Rights Agent shall promptly (and in any event, within ten (10) Business Days) pay, by check mailed, first-class postage prepaid, to the address of each Holder set forth in the CVR Register at such time, an amount equal to such Holder’s CVR Payment Amount. The Rights Agent shall promptly, and in any event within ten (10) Business Days after receipt of a CVR Payment Statement under this Section 2.4(a), send each Holder at its registered address a copy of such statement. For the avoidance of doubt the Company shall have no further liability in respect of the relevant CVR Payment upon delivery of such CVR Payment in accordance with this Section 2.4(a) and the satisfaction of each of the Company’s obligations set forth in this Section 2.4(a).

(b) The Rights Agent shall solicit from each Holder an IRS Form W-9 or applicable IRS Form W-8 at such time or times as is necessary to permit any payment under this Agreement to be made without U.S. federal backup withholding. That notwithstanding, the Company shall be entitled to deduct and withhold, and hereby authorizes the Rights Agent to deduct and withhold, any tax or similar governmental charge or levy, that is required to be deducted or withheld under applicable law from any amounts payable pursuant to this Agreement (“**Withholding Taxes**”). To the extent the amounts are so withheld by the Company or the Rights Agent, as the case may be, and paid over to the appropriate Governmental Body, such withheld amounts shall be treated for all purposes of this Agreement as having been paid to the person in respect of whom such deduction and withholding was made. In the event the Company becomes aware that a payment under this Agreement is subject to Withholding Taxes (other than U.S. federal backup withholding), the Company shall use commercially reasonable efforts to provide

written notice to the Rights Agent and the Rights Agent shall use commercially reasonable efforts to provide written notice of such Withholding Taxes to the applicable Holders and the parties shall use commercially reasonable efforts to cooperate with one another to minimize taxes required by applicable law to be withheld or deducted from any payments made under this Agreement. For the avoidance of doubt, in the event that notice has been provided to an applicable Holder pursuant to this Section 2.4(b), no further notice shall be required to be given for any future payments of such Withholding Tax.

(c) Any portion of a CVR Payment that remains undistributed to the Holders six (6) months after the applicable Calendar Quarter end (including by means of uncashed checks or invalid addresses on the CVR Register) will be delivered by the Rights Agent to the Company or a person nominated in writing by the Company (with written notice thereof from the Company to the Rights Agent), and any Holder will thereafter look only to the Company for payment of such CVR Payment (which shall be without interest).

(d) If any CVR Payment (or portion thereof) remains unclaimed by a Holder two (2) years after the applicable Calendar Quarter end (or immediately prior to such earlier date on which such CVR Payment would otherwise escheat to or become the property of any Governmental Authority), such CVR Payment (or portion thereof) will, to the extent permitted by applicable Law, become the property of the Company and will be transferred to the Company or a person nominated in writing by the Company (with written notice thereof from the Company to the Rights Agent), free and clear of all claims or interest of any Person previously entitled thereto, and no consideration or compensation shall be payable therefor. Neither the Company nor the Rights Agent will be liable to any Person in respect of a CVR Payment delivered to a public official pursuant to any applicable abandoned property, escheat or similar legal requirement under applicable Law.

Section 2.5 No Voting, Dividends or Interest; No Equity or Ownership Interest.

(a) The CVRs will not have any voting or dividend rights, and interest will not accrue on any amounts payable in respect of CVRs to any Holder.

(b) The CVRs will not represent any equity or ownership interest in the Company or in any constituent company to the Merger. It is hereby acknowledged and agreed that a CVR shall not constitute a security of the Company.

(c) Nothing contained in this Agreement shall be construed as conferring upon any Holder, by virtue of the CVRs, any rights or obligations of any kind or nature whatsoever as a stockholder or member of the Company or any of its subsidiaries either at law or in equity. The rights of any Holder and the obligations of the Company and its Affiliates and their respective officers, directors and controlling Persons are contract rights limited to those expressly set forth in this Agreement.

(d) It is hereby acknowledged and agreed that the CVRs and the possibility of any payment hereunder with respect thereto are highly speculative and subject to numerous factors outside of the Company's control, and there is no assurance that Holders will receive any payments under this Agreement or in connection with the CVRs. Each Holder acknowledges that it is highly

possible that no Disposition will occur prior to the expiration of the Disposition Period and that there will not be any Gross Proceeds that may be the subject of a CVR Payment Amount. It is further acknowledged and agreed that neither the Company nor its Affiliates owe, by virtue of their obligations under this Agreement, a fiduciary duty or any implied duties to the Holders and the parties hereto, and the Company and its Affiliates intend solely the express provisions of this Agreement to govern their contractual relationship with respect to the CVRs. It is acknowledged and agreed that this Section 2.5(d) is an essential and material term of this Agreement.

Section 2.6 Ability to Abandon CVR. A Holder may at any time, at such Holder's option, abandon all of such Holder's remaining rights represented by CVRs by transferring such CVRs to the Company or a Person nominated in writing by the Company (with written notice thereof from the Company to the Rights Agent) without consideration in compensation therefor, and such rights will be cancelled, with the Rights Agent being promptly notified in writing by the Holder of such transfer and cancellation. Nothing in this Agreement is intended to prohibit the Company or its Affiliates from offering to acquire or acquiring CVRs, in private transactions or otherwise, for consideration in its sole discretion.

ARTICLE 3.

THE RIGHTS AGENT

Section 3.1 Certain Duties and Responsibilities.

(a) The Rights Agent will not have any liability for any actions taken or not taken in connection with this Agreement, except to the extent such liability arises as a result of the willful misconduct, fraud, bad faith or gross negligence of the Rights Agent (in each case as determined by a final non-appealable judgment of court of competent jurisdiction). Notwithstanding anything in this Agreement to the contrary, any liability of the Rights Agent under this Agreement will be limited to the amount of annual fees paid by the Company to the Rights Agent in connection with this Agreement (but not including reimbursable expenses and other charges). Anything to the contrary notwithstanding, in no event will the Rights Agent be liable for special, punitive, indirect, incidental or consequential loss or damages of any kind whatsoever (including, without limitation, lost profits), even if the Rights Agent has been advised of the likelihood of such loss or damages, and regardless of the form of action.

(b) The Rights Agent shall not have any duty or responsibility in the case of the receipt of any written demand from any Holder with respect to any action or default by any person or entity, including, without limiting the generality of the foregoing, any duty or responsibility to initiate or attempt to initiate any proceedings at law or otherwise or to make any demand upon the Company or Spyre. The Rights Agent may (but shall not be required to) enforce all rights of action under this Agreement and any related claim, action, suit, audit, investigation or proceeding instituted by the Rights Agent may be brought in its name as the Rights Agent and any recovery in connection therewith will be for the proportionate benefit of all the Holders, as their respective rights or interests may appear on the CVR Register.

Section 3.2 Certain Rights of Rights Agent.

(a) The Rights Agent undertakes to perform such duties and only such duties as are specifically set forth in this Agreement, and no implied covenants or obligations will be read into this Agreement against the Rights Agent.

(b) The Rights Agent may rely and will be protected by the Company in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order or other paper or document reasonably believed by it in the absence of bad faith to be genuine and to have been signed or presented by or on behalf of the Company or with respect to Section 2.3(d), the Acting Holders.

(c) Whenever the Rights Agent deems it desirable that a matter be proved or established prior to taking or omitting any action hereunder, the Rights Agent may rely upon an Officer's Certificate, which certificate shall be full authorization and protection to the Rights Agent, and the Rights Agent shall, in the absence of bad faith, gross negligence or willful misconduct (each as determined by a final non-appealable judgment of a court of competent jurisdiction) on its part, incur no liability and be held harmless by the Company for or in respect of any action taken or omitted to be taken by it under the provisions of this Agreement in reliance upon such Officer's Certificate.

(d) The Rights Agent may engage and consult with counsel of its selection, and the advice or opinion of such counsel will, in the absence of bad faith, fraud, gross negligence or willful misconduct (in each case, as determined by a final, non-appealable judgment of a court of competent jurisdiction) on the part of the Rights Agent, be full and complete authorization and protection in respect of any action taken or not taken by the Rights Agent in reliance thereon.

(e) Any permissive rights of the Rights Agent hereunder will not be construed as a duty.

(f) The Rights Agent will not be required to give any note or surety in respect of the execution of its powers or otherwise under this Agreement.

(g) The Company agrees to indemnify the Rights Agent for, and to hold the Rights Agent harmless from and against, any loss, liability, damage, judgment, fine, penalty, cost or expense (each, a "**Loss**") suffered or incurred by the Rights Agent and arising out of or in connection with the Rights Agent's performance of its obligations under this Agreement, including the reasonable and documented costs and expenses of defending the Rights Agent against any claims, charges, demands, actions or suits arising out of or in connection with the execution, acceptance, administration, exercise and performance of its duties under this Agreement, including the costs and expenses of defending against any claim of liability arising therefrom, directly or indirectly, or enforcing its rights hereunder, except to the extent such Loss has been determined by a final non-appealable decision of a court of competent jurisdiction to have resulted from the Rights Agent's gross negligence, bad faith or willful misconduct; provided that this Section 3.2(g) shall not apply with respect to income, receipt, franchise or similar Taxes imposed with respect to payments to the Rights Agent for its services pursuant to this Agreement.

(h) The Company agrees (i) to pay the fees of the Rights Agent in connection with the Rights Agent's performance of its obligations hereunder, as agreed upon in writing by the Rights Agent and the Company on or prior to the date of this Agreement, and (ii) to reimburse the Rights Agent for all reasonable and documented out-of-pocket expenses and other disbursements incurred in the preparation, delivery, negotiation, amendment, administration and execution of this Agreement and the exercise and performance of its duties hereunder, including all stamp and transfer Taxes (and excluding for the avoidance of doubt, any income, receipt, franchise or similar Taxes on payments to the Rights Agent for its services pursuant to this Agreement) and governmental charges, incurred by the Rights Agent in the performance of its obligations under this Agreement, except that the Company will have no obligation to pay the fees of the Rights Agent or reimburse the Rights Agent for the fees of counsel in connection with any lawsuit initiated by the Rights Agent on behalf of itself or the Holders, except in the case of any suit enforcing the provisions of Section 2.4(a) and Section 3.2(g), if the Company is found by a court of competent jurisdiction to be liable to the Rights Agent or the Holders, as applicable in such suit.

(i) No provision of this Agreement shall require the Rights Agent to expend or risk its own funds or otherwise incur any financial liability in the performance of any of its duties hereunder or in the exercise of any of its rights or powers if it believes that repayment of such funds or adequate indemnification against such risk or liability is not reasonably assured to it.

(j) The Rights Agent shall not be subject to, nor be required to comply with, or determine if any Person has complied with, the Merger Agreement or any other agreement between or among any of the Company, Spyre or Holders, even though reference thereto may be made in this Agreement, or to comply with any notice, instruction, direction, request or other communication, paper or document other than as expressly set forth in this Agreement.

(k) In the event the Rights Agent reasonably believes any ambiguity or uncertainty exists hereunder or in any notice, instruction, direction, request or other communication, paper or document received by the Rights Agent hereunder, the Rights Agent shall, as soon as practicable, provide notice to the Company, and the Rights Agent may, in its sole discretion, refrain from taking any action, and shall be fully protected and shall not be liable in any way to the Company or any Holder or any other Person for refraining from taking such action, unless the Rights Agent receives written instructions from the Company or such Holder or other Person which eliminate such ambiguity or uncertainty to the reasonable satisfaction of the Rights Agent;

(l) The Rights Agent may execute and exercise any of the rights or powers hereby vested in it or perform any duty hereunder either itself or by or through its attorney or agents and the Rights Agent shall not be answerable or accountable for any act, default, neglect or misconduct of any such attorney or agents or for any loss to the Company or Spyre resulting from any such act, default, neglect or misconduct, absent gross negligence, bad faith or willful misconduct (each as determined by a final non-appealable judgment of a court of competent jurisdiction) in the selection and continued employment thereof.

(m) The Rights Agent shall not be liable for or by reason of any of the statements of fact or recitals contained in this Agreement (except its countersignature thereof) or be required to verify the same, and all such statements and recitals are and shall be deemed to have been made by the Company only.

(n) The Rights Agent shall act hereunder solely as agent for the Company and shall not assume any obligations or relationship of agency or trust with any of the owners or holders of the CVRs. The Rights Agent shall not have any duty or responsibility in the case of the receipt of any written demand from any Holders with respect to any action or default by the Company, including, without limiting the generality of the foregoing, any duty or responsibility to initiate or attempt to initiate any proceedings at law or otherwise or to make any demand upon the Company.

(o) The Rights Agent may rely on and be fully authorized and protected in acting or failing to act upon (i) any guaranty of signature by an “eligible guarantor institution” that is a member or participant in the Securities Transfer Agents Medallion Program or other comparable “signature guarantee program” or insurance program in addition to, or in substitution for, the foregoing; or (ii) any law, act, regulation or any interpretation of the same even though such law, act, or regulation may thereafter have been altered, changed, amended or repealed.

(p) The Rights Agent shall not be liable or responsible for any failure of the Company to comply with any of its obligations relating to any registration statement filed with the Securities and Exchange Commission or this Agreement, including without limitation obligations under applicable regulation or law.

(q) The obligations of the Company and the rights of the Rights Agent under this Section 3.2, Section 3.1 and Section 2.4 shall survive the expiration of the CVRs and the termination of this Agreement and the resignation, replacement or removal of the Rights Agent.

Section 3.3 Resignation and Removal; Appointment of Successor.

(a) The Rights Agent may resign at any time by written notice to the Company. Any such resignation notice shall specify the date on which such resignation will take effect (which shall be at least thirty (30) days following the date that such resignation notice is delivered), and such resignation will be effective on the earlier of (x) the date so specified and (y) the appointment of a successor Rights Agent.

(b) The Company will have the right to remove the Rights Agent at any time by written notice to the Rights Agent, specifying the date on which such removal will take effect. Such notice will be given at least thirty (30) days prior to the date so specified (or, if earlier, the appointment of the successor Rights Agent).

(c) If the Rights Agent resigns, is removed or becomes incapable of acting, the Company will promptly appoint a qualified successor Rights Agent. Notwithstanding the foregoing, if the Company fails to make such appointment within a period of thirty (30) days after giving notice of such removal or after it has been notified in writing of such resignation or incapacity by the resigning or incapacitated Rights Agent, then the incumbent Rights Agent may apply to any court of competent jurisdiction for the appointment of a new Rights Agent. The successor Rights Agent so appointed will, upon its acceptance of such appointment in accordance with this Section 3.3(c) and Section 3.4, become the Rights Agent for all purposes hereunder.

(d) The Company will give notice to the Holders of each resignation or removal of the Rights Agent and each appointment of a successor Rights Agent in accordance with Section 7.2. Each notice will include the name and address of the successor Rights Agent. If the Company fails to send such notice within ten (10) Business Days after acceptance of appointment by a successor Rights Agent, the successor Rights Agent will cause the notice to be mailed at the expense of the Company.

(e) Notwithstanding anything to the contrary in this Section 3.3, unless consented to in writing by the Acting Holders, the Company will not appoint as a successor Rights Agent any Person that is not a stock transfer agent of national reputation or the corporate trust department of a commercial bank.

(f) The Rights Agent will reasonably cooperate with the Company and any successor Rights Agent in connection with the transition of the duties and responsibilities of the Rights Agent to the successor Rights Agent, including the transfer of all relevant data, including the CVR Register, to the successor Rights Agent, but such predecessor Rights Agent shall not be required to make any additional expenditure or assume any additional liability in connection with the foregoing.

Section 3.4 Acceptance of Appointment by Successor.

Every successor Rights Agent appointed hereunder will, at or prior to such appointment, execute, acknowledge and deliver to the Company and to the resigning or removed Rights Agent an instrument accepting such appointment and a counterpart of this Agreement, and such successor Rights Agent, without any further act, deed or conveyance, will become vested with all the rights, powers, trusts and duties of the Rights Agent; provided that upon the request of the Company or the successor Rights Agent, such resigning or removed Rights Agent will execute and deliver an instrument transferring to such successor Rights Agent all the rights, powers and trusts of such resigning or removed Rights Agent.

ARTICLE 4.

COVENANTS

Section 4.1 List of Holders. The Company will furnish or cause to be furnished to the Rights Agent, in such form as the Company receives from the Company's transfer agent (or other agent performing similar services for the Company), the names and addresses of the Holders within ten (10) Business Days following the Closing Date.

Section 4.2 No Obligations of Public Company. Notwithstanding anything herein to the contrary, and for the avoidance of doubt, (a) during the Disposition Period, the Company shall use commercially reasonable efforts to monetize the tangible and intangible assets (including intellectual property) primarily used in or primarily related to the pegtarviliase for Homocystinuria and pegzilarginase for Arginase 1 Deficiency programs, (b) none of the Company or any of its Affiliates (or any directors, officer, employee, or other representative of the foregoing) owes any fiduciary duty or similar duty to any Holder in respect of the Potentially Transferable Assets, and (c) following the Disposition Period, the Company shall be permitted to take any action in respect of the Potentially Transferable Assets in order to satisfy any wind-down and termination Liabilities of the Potentially Transferable Assets.

Section 4.3 Prohibited Actions. Unless approved by the Acting Holders, prior to the end of the Disposition Period, the Company shall not grant any lien, security interest, pledge or similar interest in any Potentially Transferable Assets or any Net Proceeds or the Adjustment Amount. Unless approved by the Acting Holders, prior to end of the Disposition Period, the Company shall not, and shall not permit its Affiliates to, grant, assign, transfer or otherwise convey any Potentially Transferable Assets (including any option to obtain rights) to any third party.

Section 4.4 Books and Records. Until the end of the CVR Term, the Company shall, and shall cause its Affiliates to, keep true, complete and accurate records in sufficient detail to enable the Rights Agent to confirm each CVR Payment payable hereunder in accordance with the terms specified in this Agreement.

Section 4.5 Audits. Until the expiration of this Agreement and for a period of one (1) year thereafter, the Company shall keep complete and accurate records in sufficient detail to permit the Rights Agent to confirm the accuracy of the payments due hereunder. The Rights Agent or the Acting Holders, without duplication, shall each have the right to cause an independent accounting firm reasonably acceptable to the Company to audit such records for the sole purpose of confirming payments for a period covering not more than the date commencing with the first CVR Payment Period in which the Company or its Affiliates receives Gross Proceeds and ending on the last day of the CVR Term. The Company may require such accounting firm to execute a reasonable confidentiality agreement with the Company prior to commencing the audit. The accounting firm shall disclose to Rights Agent or the Acting Holders, as applicable, only whether the reports are correct or not and the specific details concerning any discrepancies. No other information shall be shared. Such audits may be conducted during normal business hours upon reasonable prior written notice to the Company, but no more than frequently than once per year. No accounting period of the Company shall be subject to audit more than one time by the Rights Agent or the Acting Holders, as applicable, unless after an accounting period has been audited by the Rights Agent or the Acting Holders, as applicable, the Company restates its financial results for such accounting period, in which event the Rights Agent or the Acting Holders, as applicable, may conduct a second audit of such accounting period in accordance with this Section 4.5. Adjustments (including remittances of underpayments or overpayments disclosed by such audit) shall be made by the Parties to reflect the results of such audit, which adjustments shall be paid promptly following receipt of an invoice therefor. The Rights Agent or the Acting Holders, as applicable, shall bear the full cost and expense of such audit unless such audit discloses an underpayment by the Company of twenty percent (20%) or more of the CVR Payments due under this Agreement for the audited period, in which case the Company shall bear the full cost and expense of such audit.

ARTICLE 5.
AMENDMENTS

Section 5.1 Amendments Without Consent of Holders or Rights Agent.

(a) The Company, at any time and from time to time, may (without the consent of any Person, other than the Rights Agent with such consent not to be unreasonably withheld, conditioned or delayed) enter into one or more amendments to this Agreement for any of the following purposes:

(i) to evidence the appointment of another Person as a successor Rights Agent and the assumption by any successor Rights Agent of the covenants and obligations of the Rights Agent herein in accordance with the provisions hereof;

(ii) subject to Section 6.1, to evidence the succession of another person to the Company and the assumption of any such successor of the covenants of the Company outlined herein in a transaction contemplated by Section 6.1;

(iii) to add to the covenants of the Company such further covenants, restrictions, conditions or provisions as the Company and the Rights Agent will consider to be for the protection and benefit of the Holders; provided that in each case, such provisions do not adversely affect the interests of the Holders;

(iv) to cure any ambiguity, to correct or supplement any provision in this Agreement that may be defective or inconsistent with any other provision in this Agreement, or to make any other provisions with respect to matters or questions arising under this Agreement; provided that, in each case, such provisions do not adversely affect the interests of the Holders;

(v) as may be necessary or appropriate to ensure that the CVRs are not subject to registration under the Securities Act or the Exchange Act and the rules and regulations promulgated thereunder, or any applicable state securities or “blue sky” laws;

(vi) as may be necessary or appropriate to ensure that the Company is not required to produce a prospectus or an admission document in order to comply with applicable Law;

(vii) to cancel the applicable CVRs (i) in the event that any Holder has abandoned its rights in accordance with Section 2.6, or (ii) following a transfer of such CVRs to the Company or its Affiliates in accordance with Section 2.2 or Section 2.3;

(viii) as may be necessary or appropriate to ensure that the Company complies with applicable Law; or

(ix) to effect any other amendment to this Agreement for the purpose of adding, eliminating or changing any provisions of this Agreements, provided that, in each case, such additions, eliminations or changes do not adversely affect the interests of the Holders.

(b) Promptly after the execution by the Company of any amendment pursuant to this Section 5.1, the Company will (or will cause the Rights Agent to) notify the Holders in general terms of the substance of such amendment in accordance with Section 7.2.

Section 5.2 Amendments with Consent of Holders.

(a) In addition to any amendments to this Agreement that may be made by the Company without the consent of any Holder pursuant to Section 5.1, with the consent of the Acting Holders (whether evidenced in a writing or taken at a meeting of the Holders), the Company and the Rights Agent may enter into one or more amendments to this Agreement for the purpose of adding, eliminating or amending any provisions of this Agreement, even if such addition, elimination or amendment is adverse to the interests of the Holders.

(b) Promptly after the execution by the Company and the Rights Agent of any amendment pursuant to the provisions of this Section 5.2, the Company will (or will cause the Rights Agent to) notify the Holders in general terms of the substance of such amendment in accordance with Section 7.2.

Section 5.3 Effect of Amendments. Upon the execution of any amendment under this ARTICLE 5 this Agreement will be modified in accordance therewith, such amendment will form a part of this Agreement for all purposes and every Holder will be bound thereby. Upon the delivery of a certificate from an appropriate officer of the Company which states that the proposed supplement or amendment is in compliance with the terms of this ARTICLE 5, the Rights Agent shall execute such supplement or amendment. Notwithstanding anything in this Agreement to the contrary, the Rights Agent shall not be required to execute any supplement or amendment to this Agreement that it has determined would adversely affect its own rights, duties, obligations or immunities under this Agreement. No supplement or amendment to this Agreement shall be effective unless duly executed by the Rights Agent.

ARTICLE 6.

CONSOLIDATION, MERGER, SALE OR CONVEYANCE

Section 6.1 The Company May Not Consolidate, Etc.

During the CVR Term, the Company shall not consolidate with or merge into any other Person or convey, transfer or lease its properties and assets substantially as an entirety to any Person, unless:

(a) The Person formed by such consolidation or into which the Company is merged or the Person that acquires by conveyance or transfer, or that leases, the properties and assets of the Company substantially as an entirety (the “**Surviving Person**”) shall expressly assume payment of amounts on all CVRs (when and as due hereunder) and the performance of every duty and covenant of this Agreement on the part of the Company to be performed or observed; and

(b) The Company has delivered to the Rights Agent an Officer’s Certificate, stating that such consolidation, merger, conveyance, transfer or lease complies with this ARTICLE 6 and that all conditions precedent herein provided for relating to such transaction have been complied with.

Section 6.2 Successor Substituted.

Upon any consolidation of or merger by the Company with or into any other Person, or any conveyance, transfer or lease of the properties and assets substantially as an entirety to any Person in accordance with Section 6.1, the Surviving Person shall succeed to, and be substituted for, and may exercise every right and power of, and shall assume all of the obligations of the Company under this Agreement with the same effect as if the Surviving Person had been named as the Company herein.

ARTICLE 7.**MISCELLANEOUS**

Section 7.1 Notices to Rights Agent and to the Company. All notices and other communications hereunder shall be in writing and shall be deemed to have been duly delivered and received hereunder (a) one Business Day after being sent for next Business Day delivery, fees prepaid, via a reputable international overnight courier service, (b) upon delivery in the case of delivery by hand, or (c) on the date delivered in the place of delivery if sent by email (with a written or electronic confirmation of delivery) prior to 5:00 p.m. Pacific Time, otherwise on the next succeeding Business Day, in each case to the intended recipient as set forth below:

if to the Rights Agent, to:

American Stock Transfer & Trust Company LLC
1010 El Camino Real – Suite 360
Menlo Park, CA 94025
Attn: [•]
Email: [•]

if to the Company, to:

Aeglea BioTherapeutics, Inc.
805 Las Cimas Parkway
Suite 100
Austin, TX 78746
Attention: Jonathan Alspaugh
Email Address: jalspaugh@aeglea.com

with a copy, which shall not constitute notice, to:

With a copy to:

Gibson, Dunn & Crutcher LLP
555 Mission St., Suite 3000
San Francisco, CA 94105

or to such other address or email address as such Party may hereafter specify for the purpose by notice to the other Party.

Section 7.2 Notice to Holders. All Notices required to be given to the Holders will be given (unless otherwise herein expressly provided) in writing and mailed, first-class postage prepaid, to each Holder at such Holder's address as set forth in the CVR Register, not later than the latest date, and not earlier than the earliest date, prescribed for the sending of such Notice, if any, and will be deemed given on the date of mailing. In any case where notice to the Holders is given by mail, neither the failure to mail such Notice, nor any defect in any Notice so mailed, to any particular Holder will affect the sufficiency of such Notice with respect to other Holders.

Section 7.3 Entire Agreement. As between the Company and the Rights Agent, this Agreement constitutes the entire agreement between the parties with respect to the subject matter of this Agreement, notwithstanding the reference to any other agreement herein, and supersedes all prior agreements and understandings, both written and oral, among or between any of the parties with respect to the subject matter of this Agreement.

Section 7.4 Merger or Consolidation or Change of Name of Rights Agent. Any Person into which the Rights Agent or any successor Rights Agent may be merged or with which it may be consolidated, or Person resulting from any merger or consolidation to which the Rights Agent or any successor Rights Agent shall be a party, or any Person succeeding to the stock transfer or other shareholder services business of the Rights Agent or any successor Rights Agent, shall be the successor to the Rights Agent under this Agreement without the execution or filing of any paper or any further act on the part of any of the parties hereto, provided that such Person would be eligible for appointment as a successor Rights Agent under the provisions of Section 3.3. The purchase of all or substantially all of the Rights Agent's assets employed in the performance of transfer agent activities shall be deemed a merger or consolidation for purposes of this Section 7.4.

Section 7.5 Successors and Assigns. This Agreement will be binding upon, and will be enforceable by and inure solely to the benefit of, the Holders, the Company and the Rights Agent and their respective successors and assigns. Except for assignments pursuant to Section 7.4, the Rights Agent may not assign this Agreement without the Company's prior written consent. Subject to Section 5.1(a)(ii) and ARTICLE 6 hereof, the Company may assign, in its sole discretion and without the consent of any other party, any or all of its rights, interests and obligations hereunder to one or more of its Affiliates or to any Person with whom the Company is merged or consolidated, or any entity resulting from any merger or consolidation to which the Company shall be a party (each, an "**Assignee**"); *provided*, that in connection with any assignment to an Assignee, the Company shall agree to remain liable for the performance by the Company of its obligations hereunder (to the extent the Company exists following such assignment). The Company or an Assignee may not otherwise assign this Agreement without the prior consent of the Acting Holders (such consent not to be unreasonably withheld, conditioned or delayed). Any attempted assignment of this Agreement in violation of this Section 7.5 will be void *ab initio* and of no effect.

Section 7.6 Benefits of Agreement; Action by Acting Holders. Nothing in this Agreement, express or implied, will give to any Person (other than the Company, the Rights Agent, the Holders and their respective permitted successors and assigns hereunder) any benefit or any legal or equitable right, remedy or claim under this Agreement or under any covenant or provision herein contained, all such covenants and provisions being for the sole benefit of the Company, the Rights Agent, the Holders and their permitted successors and assigns. The Holders will have no rights hereunder except as are expressly set forth herein. Except for the rights of the Rights Agent set forth herein, the Acting Holders will have the sole right, on behalf of all Holders, by virtue of or under any provision of this Agreement, to institute any action or proceeding at law or in equity with respect to this Agreement, and no individual Holder or other group of Holders will be entitled to exercise such rights.

Section 7.7 Governing Law. This Agreement and the CVRs will be governed by, and construed in accordance with, the laws of the State of Delaware, regardless of the Laws that might otherwise govern under applicable principles of conflicts of laws.

Section 7.8 Jurisdiction. In any action or proceeding between any of the parties hereto arising out of or relating to this Agreement or any of the transactions contemplated hereby, each of the parties hereto: (a) irrevocably and unconditionally consents and submits to the exclusive jurisdiction and venue of the Chancery Court of the State of Delaware, County of New Castle, or, if under applicable Law exclusive jurisdiction is vested in the Federal courts, the United States District Court for the District of Delaware (and appellate courts thereof); (b) agrees that all claims in respect of such action or proceeding shall be heard and determined exclusively in accordance with clause (a) of this Section 7.8; (c) waives any objection to laying venue in any such action or proceeding in such courts; (d) waives any objection that such courts are an inconvenient forum or do not have jurisdiction over any Party; and (e) agrees that service of process upon such Party in any such action or proceeding shall be effective if notice is given in accordance with Section 7.1 or Section 7.2 of this Agreement.

Section 7.9 WAIVER OF JURY TRIAL. EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATED TO THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY. EACH PARTY CERTIFIES AND ACKNOWLEDGES THAT (I) NO REPRESENTATIVE, AGENT OR ATTORNEY OF ANY OTHER PARTY HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PARTY WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER, (II) EACH PARTY UNDERSTANDS AND HAS CONSIDERED THE IMPLICATION OF THIS WAIVER, (III) EACH PARTY MAKES THIS WAIVER VOLUNTARILY, AND (IV) EACH PARTY HAS BEEN INDUCED TO ENTER INTO THIS AGREEMENT BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION 7.9.

Section 7.10 Severability Clause. Any term or provision of this Agreement that is invalid or unenforceable in any situation in any jurisdiction shall not affect the validity or enforceability of the remaining terms and provisions of this Agreement or the validity or enforceability of the offending term or provision in any other situation or in any other jurisdiction. If a final judgment of a court of competent jurisdiction declares that any term or provision of this

Agreement is invalid or unenforceable, the parties agree that the court making such determination shall have the power to limit such term or provision, to delete specific words or phrases or to replace such term or provision with a term or provision that is valid and enforceable and that comes closest to expressing the intention of the invalid or unenforceable term or provision, and this Agreement shall be valid and enforceable as so modified. In the event such court does not exercise the power granted to it in the prior sentence, the parties agree to replace such invalid or unenforceable term or provision with a valid and enforceable term or provision that will achieve, to the extent possible, the economic, business and other purposes of such invalid or unenforceable term or provision.

Section 7.11 Counterparts; Effectiveness. This Agreement may be executed in several counterparts, each of which shall be deemed an original and all of which shall constitute one and the same instrument. Counterparts may be delivered via electronic mail (including pdf or any electronic signature complying with the U.S. federal ESIGN Act of 2000, e.g., www.docusign.com) or other transmission method and any counterpart so delivered shall be deemed to have been duly and validly delivered and be valid and effective for all purposes. This Agreement will become effective when each party hereto will have received a counterpart hereof signed by the other party hereto. Until and unless each party has received a counterpart hereof signed by the other party hereto, this Agreement will have no effect and no party will have any right or obligation hereunder (whether by virtue of any oral or written agreement or any other communication).

Section 7.12 Termination. This Agreement will automatically terminate and be of no further force or effect and, except as provided in Section 3.2, the parties hereto will have no further liability hereunder, and the CVRs will expire without any consideration or compensation therefor, upon the expiration of the CVR Term. The termination of this Agreement will not affect or limit the right of Holders to receive the CVR Payments under Section 2.4 to the extent earned prior to the termination of this Agreement, and the provisions applicable thereto will survive the expiration or termination of this Agreement until such CVR Payments have been made, if applicable.

Section 7.13 Construction.

(a) For purposes of this Agreement, whenever the context requires: the singular number shall include the plural, and vice versa; the masculine gender shall include the feminine and neuter genders; the feminine gender shall include the masculine and neuter genders; and the neuter gender shall include masculine and feminine genders.

(b) As used in this Agreement, the words “include” and “including,” and variations thereof, shall not be deemed to be terms of limitation, but rather shall be deemed to be followed by the words “without limitation.”

(c) The headings contained in this Agreement are for convenience of reference only, will not be deemed to be a part of this Agreement and will not be referred to in connection with the construction or interpretation of this Agreement.

(d) Unless stated otherwise, “Article” and “Section” followed by a number or letter mean and refer to the specified Article or Section of this Agreement. The term “Agreement” and any reference in this Agreement to this Agreement or any other agreement or document includes, and is a reference to, this Agreement or such other agreement or document as it may have been, or may from time to time be, amended, restated, replaced, supplemented or novated and includes all schedules to it.

(e) A period of time is to be computed as beginning on the day following the event that began the period and ending at 4:30 p.m. (Pacific Time) on the last day of the period, if the last day of the period is a Business Day, or at 4:30 p.m. (Pacific Time) on the next Business Day if the last day of the period is not a Business Day.

(f) Any reference in this Agreement to a date or time shall be deemed to be such date or time in San Francisco, California, United States, unless otherwise specified. The parties hereto and the Company have participated jointly in the negotiation and drafting of this Agreement. In the event an ambiguity or question of intent or interpretation arises, this Agreement shall be construed as if drafted jointly by the parties and the Company and no presumption or burden of proof shall arise favoring or disfavoring any Person by virtue of the authorship of any provision of this Agreement.

(g) References to “cash,” “dollars” or “\$” are to U.S. dollars.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, each of the parties has caused this Agreement to be executed as of the day and year first above written.

AEGLEA BIOTHERAPEUTICS, INC.

By: _____
Name: _____
Title: _____

AMERICAN STOCK TRANSFER & TRUST COMPANY
LLC

By: _____
Name: _____
Title: _____

[Signature Page to Contingent Value Rights Agreement]

Exhibit E

Form of Parent Support Agreement

E-1

FORM OF PARENT STOCKHOLDER SUPPORT AGREEMENT

AEGLEA BIOTHERAPEUTICS, INC.

SUPPORT AGREEMENT

THIS SUPPORT AGREEMENT (this “**Agreement**”), dated as of June [], 2023, is made by and among Aeglea BioTherapeutics, Inc., a Delaware corporation (“**Parent**”), Spyre Therapeutics, Inc., a Delaware corporation (the “**Company**”), and the undersigned holder (“**Stockholder**”) of shares of capital stock (the “**Shares**”) of Parent.

WHEREAS, Parent, Aspen Merger Sub I, Inc., a Delaware corporation and a wholly owned subsidiary of Parent (“**First Merger Sub**”), Sequoia Merger Sub II, LLC, a Delaware limited liability company and a wholly owned subsidiary of Parent (“**Second Merger Sub**”), and the Company, have entered into an Agreement and Plan of Merger, dated of even date herewith (the “**Merger Agreement**”), providing for the merger of First Merger Sub with and into the Company (the “**First Merger**”) and the merger of the Company with and into Second Merger Sub (the “**Second Merger**” and, together with the First Merger, the “**Merger**”);

WHEREAS, Stockholder beneficially owns and has sole or shared voting power with respect to the number of Shares, and holds options to purchase shares of Parent Common Stock (“**Parent Options**”) and/or restricted stock units to acquire shares of Parent Common Stock (“**Parent Restricted Stock Units**”), in each case in the number of Shares indicated opposite Stockholder’s name on Schedule 1 attached hereto;

WHEREAS, as an inducement and a condition to the willingness of Parent, First Merger Sub, Second Merger Sub and the Company to enter into the Merger Agreement, and in consideration of the substantial expenses incurred and to be incurred by them in connection therewith, Stockholder has agreed to enter into and perform this Agreement; and

WHEREAS, all capitalized terms used in this Agreement without definition herein shall have the meanings ascribed to them in the Merger Agreement.

NOW, THEREFORE, in consideration of, and as a condition to, Parent, First Merger Sub, Second Merger Sub and the Company’s entering into the Merger Agreement and proceeding with the transactions contemplated thereby, and in consideration of the substantial expenses incurred and to be incurred by them in connection therewith, Stockholder, Parent and the Company agree as follows:

- 1) **Agreement to Vote Shares.** Stockholder agrees that, prior to the Expiration Date (as defined in Section 2 below), at any meeting of the stockholders of Parent or any adjournment or postponement thereof, or in connection with any written consent of the stockholders of Parent, with respect to the Parent Stockholder Matters, Stockholder shall, or shall cause the holder of record on any applicable record date to:
 - a) appear at such meeting or otherwise cause the Shares and any New Shares (as defined in Section 3 below) to be counted as present thereat (in person or by proxy) for purposes of calculating a quorum;
 - b) from and after the date hereof until the Expiration Date, vote (or cause to be voted), or deliver a written consent (or cause a written consent to be delivered) covering all of the Shares and any New Shares that Stockholder shall be entitled to so vote: (i) in favor of the Parent Stockholder Matters and any matter that could reasonably be expected to facilitate the Parent Stockholder Matters; (ii) against any proposal to remove the limitation initially set at the discretion of holders of Parent Convertible Preferred Stock between 4.99% and 19.99% of the number of shares of Parent Common Stock outstanding immediately after giving effect to the issuance of shares of Parent Common Stock upon conversion (the “**Beneficial Ownership Limitation**”) restricting such holders from beneficially owning a number of shares of Parent Common Stock in excess of the Beneficial Ownership Limitation or any agreement, transaction or other matter that is intended to, or would reasonably be expected to, impede, interfere with, delay, postpone, discourage or materially and adversely affect the consummation of the Parent Stockholder Matters; and (iii) to approve any proposal to adjourn or postpone the meeting to a later date, if there are not sufficient votes for the approval of the Parent Stockholder Matters on the date on which such meeting is held. Stockholder shall not take or commit or agree to take any action inconsistent with the foregoing.

- 2) **Expiration Date.** As used in this Agreement, the term “**Expiration Date**” shall mean the earlier to occur of (a) the effective time of the approval of the Parent Stockholder Matters, (b) upon mutual written agreement of the Company, the Parent and Stockholder to terminate this Agreement or (c) nine (9) months following the date of this Agreement.
- 3) **Additional Purchases.** Stockholder agrees that any shares of capital stock or other equity securities of Parent that Stockholder purchases or with respect to which Stockholder otherwise acquires sole or shared voting power (including any proxy) after the execution of this Agreement and prior to the Expiration Date, whether by the exercise of any Parent Options, settlement of Parent Restricted Stock Units or otherwise, including, without limitation, by gift, succession, in the event of a stock split or as a dividend or distribution of any Shares (“**New Shares**”), shall be subject to the terms and conditions of this Agreement to the same extent as if they constituted the Shares.
- 4) **Share Transfers.** From and after the date hereof until the Expiration Date, Stockholder shall not, directly or indirectly, (a) sell, assign, transfer, tender, or otherwise dispose of (including, without limitation, by the creation of any Liens (as defined in Section 5(c) below)) any Shares or any New Shares acquired, (b) deposit any Shares or New Shares into a voting trust or enter into a voting agreement or similar arrangement with respect to such Shares or New Shares or grant any proxy or power of attorney with respect thereto (other than this Agreement), (c) enter into any Contract, option, commitment or other arrangement or understanding with respect to the direct or indirect sale, transfer, assignment or other disposition of (including, without limitation, by the creation of any Liens) any Shares or New Shares, or (d) take any action that would make any representation or warranty of Stockholder contained herein untrue or incorrect or have the effect of preventing or disabling Stockholder from performing Stockholder’s obligations under this Agreement. Notwithstanding the foregoing, Stockholder may make (1) transfers by will or by operation of Law or other transfers for estate-planning purposes, in which case this Agreement shall bind the transferee, (2) with respect to Stockholder’s Parent Options which expire on or prior to the Expiration Date, transfers, sale, or other disposition of Shares or New Shares to Parent as payment for the (i) exercise price of Stockholder’s Parent Options and (ii) taxes applicable to the exercise of Stockholder’s Parent Options, (3) with respect to Stockholder’s Parent Restricted Stock Units, (i) transfers for the net settlement of Stockholder’s Parent Restricted Stock Units settled in Shares or New Shares (to pay any tax withholding obligations) or (ii) transfers for receipt upon settlement of Stockholder’s Parent Restricted Stock Units, and the sale of a sufficient number of such Shares acquired upon settlement of such securities as would generate sales proceeds sufficient to pay the aggregate taxes payable by Stockholder as a result of such settlement, (4) if Stockholder is a partnership or limited liability company, a transfer to one or more partners or members of Stockholder or to an Affiliated corporation, trust or other Entity under common control with Stockholder, or if Stockholder is a trust, a transfer to a beneficiary, *provided that*, in each such case the applicable transferee has signed a voting agreement in substantially the form hereof, (5) transfers to another holder of the capital stock of the Company that has signed a voting agreement in substantially the form hereof, and (6) transfers, sales or other dispositions as the Company may otherwise agree in writing in its sole discretion. If any voluntary or involuntary transfer of any Shares or New Shares covered hereby shall occur (including a transfer or disposition permitted by Section 4(1) through Section 4(6)), sale by a Stockholder’s trustee in bankruptcy, or a sale to a purchaser at any creditor’s or court sale), (x) the transferee (which term, as used herein, shall include any and all transferees and subsequent transferees of the initial transferee) shall take and hold such Shares or New Shares subject to all of the restrictions, Liabilities and rights under this Agreement, which shall continue in full force and effect, and the transferee shall agree in writing to be bound by the terms and conditions of this Agreement and either the Stockholder or the transferee provides the Company with a copy of such agreement promptly upon consummation of any such transfer.
- 5) **Representations and Warranties of Stockholder.** Stockholder hereby represents and warrants to Parent and the Company as follows:
- a) If Stockholder is an Entity: (i) Stockholder is duly organized, validly existing and in good standing under the laws of the jurisdiction in which it is incorporated, organized or constituted, (ii) Stockholder has all necessary power and authority to execute and deliver this Agreement, to perform Stockholder’s obligations hereunder

and to consummate the transactions contemplated hereby, and (iii) the execution and delivery of this Agreement, performance of Stockholder's obligations hereunder and the consummation of the transactions contemplated hereby by Stockholder have been duly authorized by all necessary action on the part of Stockholder and no other proceedings on the part of Stockholder are necessary to authorize this Agreement, or to consummate the transactions contemplated hereby. If Stockholder is an individual, Stockholder has the legal capacity to execute and deliver this Agreement, to perform Stockholder's obligations hereunder and to consummate the transactions contemplated hereby;

- b) this Agreement has been duly executed and delivered by or on behalf of Stockholder and, assuming this Agreement constitutes a valid and binding agreement of the Company and Parent, constitutes a valid and binding agreement with respect to Stockholder, enforceable against Stockholder in accordance with its terms, except as enforcement may be limited by general principles of equity whether applied in a court of Law or a court of equity and by bankruptcy, insolvency and similar Laws affecting creditors' rights and remedies generally;
 - c) Stockholder beneficially owns the number of Shares indicated opposite Stockholder's name on Schedule 1, and will own any New Shares, free and clear of any liens, claims, charges or other encumbrances or restrictions of any kind whatsoever ("**Liens**"), and has sole or shared, and otherwise unrestricted, voting power with respect to such Shares or New Shares and none of the Shares or New Shares is subject to any voting trust or other agreement, arrangement or restriction with respect to the voting of the Shares or the New Shares, except as contemplated by this Agreement;
 - d) the execution and delivery of this Agreement by Stockholder does not, and the performance by Stockholder of his, her or its obligations hereunder and the compliance by Stockholder with any provisions hereof will not, violate or conflict with, result in a material breach of or constitute a default (or an event that with notice or lapse of time or both would become a material default) under, or give to others any rights of termination, amendment, acceleration or cancellation of, or result in the creation of any Liens on any Shares or New Shares pursuant to, any agreement, instrument, note, bond, mortgage, Contract, lease, license, permit or other obligation or any order, arbitration award, judgment or decree to which Stockholder is a party or by which Stockholder is bound, or any Law, statute, rule or regulation to which Stockholder is subject or, in the event that Stockholder is a corporation, partnership, trust or other Entity, any bylaw or other Organizational Document of Stockholder; except for any of the foregoing as would not reasonably be expected to prevent or delay the performance by Stockholder of his, her or its obligations under this Agreement in any material respect;
 - e) the execution and delivery of this Agreement by Stockholder does not, and the performance of this Agreement by Stockholder does not and will not, require any consent, approval, authorization or permit of, or filing with or notification to, any Governmental Body or regulatory authority by Stockholder except for applicable requirements, if any, of the Exchange Act, and except where the failure to obtain such consents, approvals, authorizations or permits, or to make such filings or notifications, would not prevent or delay the performance by Stockholder of his, her or its obligations under this Agreement in any material respect;
 - f) no investment banker, broker, finder or other intermediary is entitled to a fee or commission from Parent or the Company in respect of this Agreement based upon any Contract made by or on behalf of Stockholder; and
 - g) as of the date of this Agreement, there is no Legal Proceeding pending or, to the knowledge of Stockholder, threatened against Stockholder that would reasonably be expected to prevent or delay the performance by Stockholder of his, her or its obligations under this Agreement in any material respect.
- 6) Irrevocable Proxy. Subject to the final sentence of this Section 6, by execution of this Agreement, Stockholder does hereby appoint the Company and any of its designees with full power of substitution and resubstitution, as Stockholder's true and lawful attorney and irrevocable proxy, to the fullest extent of Stockholder's rights with respect to the Shares or New Shares, to vote and exercise all voting and related rights, including the right to sign Stockholder's name (solely in its capacity as a stockholder) to any stockholder consent, if Stockholder is unable to perform or otherwise does not perform his, her or its obligations under this Agreement, with respect to such

Shares solely with respect to the matters set forth in Section 1 hereof. Stockholder intends this proxy to be irrevocable and coupled with an interest hereunder until the Expiration Date, hereby revokes any proxy previously granted by Stockholder with respect to the Shares or New Shares and represents that none of such previously-granted proxies are irrevocable. The irrevocably proxy and power of attorney granted herein shall survive the death or incapacity of Stockholder and the obligations of Stockholder shall be binding on Stockholder's heirs, personal representatives, successors, transferees and assigns. Stockholder hereby agrees not to grant any subsequent powers of attorney or proxies with respect to any Shares or New Shares with respect to the matters set forth in Section 1 until after the Expiration Date. The Stockholder hereby affirms that the proxy set forth in this Section 6 is given in connection with and granted in consideration of and as an inducement to the Company, Parent, First Merger Sub and Second Merger Sub to enter into the Merger Agreement and that such proxy is given to secure the obligations of the Stockholder under Section 1. Notwithstanding anything contained herein to the contrary, this irrevocable proxy shall automatically terminate upon the Expiration Date.

- 7) Other Remedies; Specific Performance. Except as otherwise provided herein, any and all remedies herein expressly conferred upon a party will be deemed cumulative with, and not exclusive of, any other remedy conferred hereby, or by Law or equity upon such party, and the exercise by a party of any one remedy will not preclude the exercise of any other remedy. The parties hereto agree that irreparable damage would occur in the event that any of the provisions of this Agreement were not performed in accordance with their specific terms or were otherwise breached. It is accordingly agreed that the parties shall be entitled to an injunction or injunctions to prevent breaches of this Agreement and to enforce specifically the terms and provisions hereof without the need of posting bond in any court of the United States or any state having jurisdiction, this being in addition to any other remedy to which they are entitled at Law or in equity.
- 8) Directors and Officers. This Agreement shall apply to Stockholder solely in Stockholder's capacity as a stockholder of Parent and/or holder of Parent Options and/or Parent Restricted Stock Units and not in Stockholder's capacity as a director, officer or employee of Parent or any of its Subsidiaries or in Stockholder's capacity as a trustee or fiduciary of any employee benefit plan or trust. Notwithstanding any provision of this Agreement to the contrary, nothing in this Agreement shall (or require Stockholder to attempt to) limit or restrict a director and/or officer of Parent in the exercise of his or her fiduciary duties as a director and/or officer of Parent or in his or her capacity as a trustee or fiduciary of any employee benefit plan or trust or prevent or be construed to create any obligation on the part of any director and/or officer of Parent or any trustee or fiduciary of any employee benefit plan or trust from taking any action in his or her capacity as such director, officer, trustee and/or fiduciary.
- 9) No Ownership Interest. Nothing contained in this Agreement shall be deemed to vest in the Company any direct or indirect ownership or incidence of ownership of or with respect to any Shares or New Shares. All rights, ownership and economic benefits of and relating to the Shares or New Shares shall remain vested in and belong to Stockholder, and the Company does not have authority to manage, direct, superintend, restrict, regulate, govern, or administer any of the policies or operations of Parent or exercise any power or authority to direct Stockholder in the voting of any of the Shares or New Shares, except as otherwise provided herein.
- 10) Termination. This Agreement shall terminate and shall have no further force or effect as of the Expiration Date. Notwithstanding the foregoing, upon termination or expiration of this Agreement, no party shall have any further obligations or liabilities under this Agreement; provided, however, nothing set forth in this Section 10 or elsewhere in this Agreement shall relieve any party from liability for any fraud or for any willful and material breach of this Agreement prior to termination hereof.
- 11) Further Assurances. Stockholder shall, from time to time, execute and deliver, or cause to be executed and delivered, such additional or further consents, documents and other instruments as the Company or Parent may reasonably request for the purpose of effectively carrying out the transactions contemplated by this Agreement and the Contemplated Transactions.
- 12) Disclosure. Stockholder hereby agrees that Parent and the Company may publish and disclose in any registration statement, any prospectus filed with any regulatory authority in connection with the Contemplated Transactions and any related documents filed with such regulatory authority and as otherwise required by Law, Stockholder's identity and ownership of Shares and the nature of Stockholder's commitments, arrangements and understandings

under this Agreement and may further file this Agreement as an exhibit to any registration statement or prospectus or in any other filing made by Parent or the Company as required by Law or the terms of the Merger Agreement, including with the SEC or other regulatory authority, relating to the Contemplated Transactions, all subject to prior review and an opportunity to comment by Stockholder's counsel. Prior to the Closing, Stockholder shall not, and shall use its reasonable best efforts to cause its representatives not to, directly or indirectly, make any press release, public announcement or other public communication that criticizes or disparages this Agreement or the Merger Agreement or any of the Contemplated Transactions, without the prior written consent of Parent and the Company, provided that, the foregoing shall not limit or affect any actions taken by Stockholder (or any affiliated officer or director of Stockholder) that would be permitted to be taken by Stockholder, Parent or the Company pursuant to the Merger Agreement; provided, further, that the foregoing shall not effect any actions of Stockholder the prohibition of which would be prohibited under applicable Law.

- 13) Notice. All notices and other communications hereunder shall be in writing and shall be deemed given if delivered personally or sent by overnight courier (providing proof of delivery), by electronic transmission (providing confirmation of transmission) to the Company or Parent, as the case may be, in accordance with Section 8.8 of the Merger Agreement and to Stockholder at his, her or its address or email address (providing confirmation of transmission) set forth on Schedule 1 attached hereto (or at such other address for a party as shall be specified by like notice).
- 14) Severability. Any term or provision of this Agreement that is invalid or unenforceable in any situation in any jurisdiction shall not affect the validity or enforceability of the remaining terms and provisions of this Agreement or the validity or enforceability of the offending term or provision in any other situation or in any other jurisdiction. If a final judgment of a court of competent jurisdiction declares that any term or provision of this Agreement is invalid or unenforceable, the parties hereto agree that the court making such determination shall have the power to limit such term or provision, to delete specific words or phrases or to replace such term or provision with a term or provision that is valid and enforceable and that comes closest to expressing the intention of the invalid or unenforceable term or provision, and this Agreement shall be valid and enforceable as so modified. In the event such court does not exercise the power granted to it in the prior sentence, the parties hereto agree to replace such invalid or unenforceable term or provision with a valid and enforceable term or provision that will achieve, to the extent possible, the economic, business and other purposes of such invalid or unenforceable term or provision.
- 15) Assignability. This Agreement shall be binding upon, and shall be enforceable by and inure solely to the benefit of, the parties hereto and their respective successors and assigns; provided, however, that neither this Agreement nor any of a party's rights or obligations hereunder may be assigned or delegated by such party without the prior written consent of the other parties hereto, and any attempted assignment or delegation of this Agreement or any of such rights or obligations by such party without the other party's prior written consent shall be void and of no effect. Nothing in this Agreement, express or implied, is intended to or shall confer upon any Person (other than the parties hereto) any right, benefit or remedy of any nature whatsoever under or by reason of this Agreement.
- 16) No Waivers. No waivers of any breach of this Agreement extended by the Company or Parent to Stockholder shall be construed as a waiver of any rights or remedies of the Company or Parent, as applicable, with respect to any other stockholder of Parent who has executed an agreement substantially in the form of this Agreement with respect to Shares or New Shares held or subsequently held by such stockholder or with respect to any subsequent breach of Stockholder or any other stockholder of Parent. No waiver of any provisions hereof by any party shall be deemed a waiver of any other provisions hereof by any such party, nor shall any such waiver be deemed a continuing waiver of any provision hereof by such party.
- 17) Applicable Law; Jurisdiction. This Agreement shall be governed by, and construed in accordance with, the Laws of the state of Delaware, regardless of the Laws that might otherwise govern under applicable principles of conflicts of Laws. In any action or Legal Proceeding between any of the parties arising out of or relating to this Agreement, each of the parties: (i) irrevocably and unconditionally consents and submits to the exclusive jurisdiction and venue of the Court of Chancery of the state of Delaware or to the extent such court does not have subject matter jurisdiction, the Superior Court of the State of Delaware or the United States District Court for the District of Delaware, (ii) agrees that all claims in respect of such action or Legal Proceeding shall be heard and determined exclusively in accordance with clause (i) of this Section 17, (iii) waives any objection to laying venue

in any such action or Legal Proceeding in such courts, (iv) waives any objection that such courts are an inconvenient forum or do not have jurisdiction over any party, and (v) agrees that service of process upon such party in any such action or Legal Proceeding shall be effective if notice is given in accordance with Section 13 of this Agreement.

- 18) Waiver of Jury Trial. THE PARTIES HERETO HEREBY WAIVE ANY RIGHT TO TRIAL BY JURY WITH RESPECT TO ANY ACTION OR LEGAL PROCEEDING RELATED TO OR ARISING OUT OF THIS AGREEMENT, ANY DOCUMENT EXECUTED IN CONNECTION HERewith AND THE MATTERS CONTEMPLATED HEREBY AND THEREBY.
- 19) No Agreement Until Executed. Irrespective of negotiations among the parties or the exchanging of drafts of this Agreement, this Agreement shall not constitute or be deemed to evidence a Contract, agreement, arrangement or understanding between the parties hereto unless and until (a) the Parent Board has approved, for purposes of any applicable anti-takeover Laws and regulations and any applicable provision of the certificate of incorporation of Parent, the Merger Agreement and the Contemplated Transactions, (b) the Merger Agreement is executed by all parties thereto, and (c) this Agreement is executed by all parties hereto.
- 20) Entire Agreement; Counterparts; Exchanges by Electronic Transmission. This Agreement and the other agreements referred to in this Agreement constitute the entire agreement and supersede all prior agreements and understandings, both written and oral, among or between any of the parties with respect to the subject matter hereof and thereof. This Agreement may be executed in several counterparts, each of which shall be deemed an original and all of which shall constitute one and the same instrument. The exchange of a fully executed Agreement (in counterparts or otherwise) by all parties by electronic transmission via “.pdf” shall be sufficient to bind the parties to the terms and conditions of this Agreement.
- 21) Amendment. This Agreement may not be amended, supplemented or modified, and no provisions hereof may be modified or waived, except by an instrument in writing signed on behalf of each party hereto; *provided, however,* that the rights or obligations of any Stockholder may be waived, amended or otherwise modified in a writing signed by Parent (for the avoidance of doubt, with the prior written approval required by Section 4.1 of Parent’s Certificate of Designation of Preferences, Rights and Limitations of Series A Non-Voting Convertible Preferred Stock), the Company and Stockholder.
- 22) Fees and Expenses. Except as otherwise specifically provided herein, the Merger Agreement or any other agreement contemplated by the Merger Agreement to which a party hereto is a party, each party hereto shall bear its own expenses in connection with this Agreement and the transactions contemplated hereby.
- 23) Voluntary Execution of Agreement. This Agreement is executed voluntarily and without any duress or undue influence on the part or behalf of the parties. Each of the parties hereby acknowledges, represents and warrants that (i) it has read and fully understood this Agreement and the implications and consequences thereof; (ii) it has been represented in the preparation, negotiation, and execution of this Agreement by legal counsel of its own choice, or it has made a voluntary and informed decision to decline to seek such counsel; and (iii) it is fully aware of the legal and binding effect of this Agreement.
- 24) Construction.
 - a) For purposes of this Agreement, whenever the context requires: the singular number shall include the plural, and vice versa; the masculine gender shall include the feminine and neuter genders; the feminine gender shall include the masculine and neuter genders; and the neuter gender shall include masculine and feminine genders.
 - b) The parties hereto agree that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not be applied in the construction or interpretation of this Agreement.
 - c) As used in this Agreement, the words “include” and “including,” and variations thereof, shall not be deemed to be terms of limitation, but rather shall be deemed to be followed by the words “without limitation.”

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- d) Except as otherwise indicated, all references in this Agreement to “Sections,” and “Schedules” are intended to refer to Sections of this Agreement and Schedules to this Agreement, respectively.
 - e) The underlined headings contained in this Agreement are for convenience of reference only, shall not be deemed to be a part of this Agreement and shall not be referred to in connection with the construction or interpretation of this Agreement.

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EXECUTED as of the date first above written.

[STOCKHOLDER]

Signature: _____
Name (if an Entity):
Title (if an Entity):

[Signature Page to Support Agreement]

EXECUTED as of the date first above written.

AEGLEA BIOTHERAPEUTICS, INC.

By: _____
Name: _____
Title: _____

[Signature Page to Support Agreement]

EXECUTED as of the date first above written.

SPYRE THERAPEUTICS, INC.

By: _____
Name: _____
Title: _____

[Signature Page to Support Agreement]

SCHEDULE 1

Name, Address and Email Address of Stockholder	Shares of Parent Common Stock	Parent Options	Parent Restricted Stock Units

AEGLEA BIOTHERAPEUTICS, INC.

RESTATED CERTIFICATE OF INCORPORATION

Aeglea BioTherapeutics, Inc., a Delaware corporation, hereby certifies as follows.

1. The name of the corporation is Aeglea BioTherapeutics, Inc. Aeglea BioTherapeutics, Inc. was first formed on December 16, 2013 under the name Aeglea BioTherapeutics Holdings, LLC, a Delaware limited liability company. Aeglea BioTherapeutics Holdings, LLC converted into Aeglea BioTherapeutics, Inc. on March 10, 2015. The date of filing of the original Certificate of Incorporation of Aeglea BioTherapeutics, Inc. with the Secretary of State was March 10, 2015 under the name Aeglea BioTherapeutics, Inc.
2. The Restated Certificate of Incorporation of the corporation attached hereto as Exhibit "A", which is incorporated herein by this reference, and which restates, integrates and further amends the provisions of the Certificate of Incorporation of this corporation as previously amended or supplemented, has been duly adopted by the Board of Directors and by the stockholders in accordance with Sections 242 and 245 of the Delaware General Corporation Law, with the approval of the corporation's stockholders having been given by written consent without a meeting in accordance with Section 228 of the Delaware General Corporation Law.

IN WITNESS WHEREOF, this corporation has caused this Restated Certificate of Incorporation to be signed by its duly authorized officer and the foregoing facts stated herein are true and correct.

Dated: _____

AEGLEA BIOTHERAPEUTICS, INC.

By: _____

Name: David Lowe

Title: Chief Executive Officer

EXHIBIT “A”

AEGLEA BIOTHERAPEUTICS, INC.

RESTATED CERTIFICATE OF INCORPORATION

ARTICLE I: NAME

The name of the corporation is Aeglea BioTherapeutics, Inc. (the “**Corporation**”).

ARTICLE II: AGENT FOR SERVICE OF PROCESS

The address of the Corporation’s registered office in the State of Delaware is 2711 Centerville Road, Suite 400, City of Wilmington, County of New Castle, Delaware 19808. The name of the registered agent of the Corporation at that address is Corporation Service Company.

ARTICLE III: PURPOSE

The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of the State of Delaware.

ARTICLE IV: AUTHORIZED STOCK

1. Total Authorized. The total number of shares of all classes of stock that the Corporation has authority to issue is Five Hundred Ten Million (510,000,000) shares, consisting of two classes: Five Hundred Million (500,000,000) shares of Common Stock, \$0.0001 par value per share (“**Common Stock**”), and Ten Million (10,000,000) shares of Preferred Stock, \$0.0001 par value per share (“**Preferred Stock**”).

2. Designation of Additional Series.

2.1. The Board of Directors of the Corporation (the “**Board**”) is authorized, subject to any limitations prescribed by the law of the State of Delaware, to provide for the issuance of the shares of Preferred Stock in one or more series, and, by filing a Certificate of Designation pursuant to the applicable law of the State of Delaware, to establish from time to time the number of shares to be included in each such series, to fix the designation, vesting, powers, preferences and relative, participating, optional or other rights, if any, of the shares of each such series and any qualifications, limitations or restrictions thereof, and to increase (but not above the total number of authorized shares of the class) or decrease (but not below the number of shares of such series then outstanding) the number of shares of any such series. The number of authorized shares of Preferred Stock may also be increased or decreased (but not below the number of shares thereof then outstanding) by the affirmative vote of the holders of two-thirds of the voting power of all then outstanding shares of capital stock of the Corporation entitled to vote generally in the election of directors, without a vote of the holders of the Preferred Stock, unless a vote of any other holders is required pursuant to a Certificate or Certificates establishing a series of Preferred Stock; *provided*, that if two-thirds of the Whole Board has approved such increase or decrease of the number of authorized shares of Preferred Stock, then only the affirmative vote of the holders of a majority of the voting power of all of the then outstanding shares of the capital stock of the Corporation entitled to vote generally in the election of directors, voting together as a single class, without a vote of the holders of the Preferred Stock (unless a vote of any other holders is required pursuant to a Certificate or Certificates establishing a series of Preferred Stock), shall be required to effect such increase or decrease. For purposes of this Restated Certificate of Incorporation, the term “**Whole Board**” shall mean the total number of authorized directors whether or not there exist any vacancies in previously authorized directorships.

2.2 Except as otherwise expressly provided in any Certificate of Designation designating any series of Preferred Stock pursuant to the foregoing provisions of this Article IV, any new series of Preferred Stock may be designated, fixed and determined as provided herein by the Board without approval of the holders of Common Stock or the holders of Preferred Stock, or any series thereof, and any such new series may have powers, preferences and rights, including, without limitation, voting rights, dividend rights, liquidation rights, redemption rights and conversion rights, senior to, junior to or pari passu with the rights of the Common Stock, the Preferred Stock or any future class or series of Preferred Stock or Common Stock.

2.3 Each outstanding share of Common Stock shall entitle the holder thereof to one vote on each matter properly submitted to the stockholders of the Corporation for their vote; provided, however, that, except as otherwise required by law, holders of Common Stock shall not be entitled to vote on any amendment to this Certificate of Incorporation (including any Certificate of Designation relating to any series of Preferred Stock) that relates solely to the terms of one or more outstanding series of Preferred Stock if the holders of such affected series are entitled, either separately or together as a class with the holders of one or more other such series, to vote thereon pursuant to this Certificate of Incorporation (including any Certificate of Designation relating to any series of Preferred Stock).

ARTICLE V: AMENDMENT OF BYLAWS

The Board shall have the power to adopt, amend or repeal the Bylaws of the Corporation. Any adoption, amendment or repeal of the Bylaws of the Corporation by the Board shall require the approval of a majority of the Whole Board. For purposes of this Certificate of Incorporation, the term “**Whole Board**” shall mean the total number of authorized directors whether or not there exist any vacancies in previously authorized directorships. The stockholders shall also have power to adopt, amend or repeal the Bylaws of the Corporation; provided, however, that in addition to any vote of the holders of any class or series of stock of the Corporation required by law or by this Certificate of Incorporation (including any Preferred Stock issued pursuant to a Certificate of Designation), the affirmative vote of the holders of at least two-thirds of the voting power of all of the then outstanding shares of the capital stock of the Corporation entitled to vote generally in the election of directors, voting together as a single class, shall be required to adopt, amend or repeal any provision of the Bylaws; provided further, that if two-thirds of the Whole Board has approved such adoption, amendment or repeal of any provisions of the Bylaws, then only the affirmative vote of the holders of a majority of the voting power of all of the then-outstanding shares of the capital stock of the Corporation entitled to vote generally in the election of directors, voting together as a single class, shall be required to adopt, amend or repeal any provision of the Bylaws.

ARTICLE VI: MATTERS RELATING TO THE BOARD OF DIRECTORS

1. Director Powers. The conduct of the affairs of the Corporation shall be managed by or under the direction of the Board. In addition to the powers and authority expressly conferred upon them by statute or by this Certificate of Incorporation or the Bylaws of the Corporation, the directors are hereby empowered to exercise all such powers and do all such acts and things as may be exercised or done by the Corporation.

2. Number of Directors. Subject to the rights of the holders of any series of Preferred Stock to elect additional directors under specified circumstances, the number of directors shall be fixed from time to time exclusively by resolution adopted by a majority of the Whole Board.

3. Classified Board. Subject to the rights of the holders of any series of Preferred Stock to elect additional directors under specified circumstances, the directors shall be divided, with respect to the time for which they severally hold office, into three classes designated as Class I, Class II and Class III, respectively (the “**Classified Board**”). The Board may assign members of the Board already in office to the Classified Board, which assignments shall become effective at the same time the Classified Board becomes effective. Directors shall be assigned to each class in accordance with a resolution or resolutions adopted by the Board, with the number of directors in each class to be divided as nearly equal as reasonably possible. The initial term of office of the Class I directors shall expire at the Corporation’s first annual meeting of stockholders following the closing of the Corporation’s initial public offering pursuant to an effective registration statement under the Securities Act of 1933, as amended, relating to the offer and sale of Common Stock to the public (the “**Initial Public Offering**”), the initial term of office of the Class II directors shall expire at the Corporation’s second annual meeting of stockholders following the closing of the Initial Public Offering and the initial term of office of the Class III directors shall expire at the Corporation’s third annual meeting of stockholders following the closing of the Initial Public Offering. At each annual meeting of stockholders following the closing of the Initial Public Offering, directors elected to succeed those directors of the class whose terms then expire shall be elected for a term of office to expire at the third succeeding annual meeting of stockholders after their election.

4. Term and Removal. Each director shall hold office until such director's successor is elected and qualified, or until such director's earlier death, resignation or removal. Any director may resign at any time upon notice to the Corporation given in writing or by any electronic transmission permitted in the Corporation's Bylaws. Subject to the rights of the holders of any series of Preferred Stock, no director may be removed except for cause and only by the affirmative vote of the holders of at least two-thirds of the voting power of the then-outstanding shares of capital stock of the Corporation then entitled to vote at an election of directors voting together as a single class. In the event of any increase or decrease in the authorized number of directors, (a) each director then serving as such shall nevertheless continue as a director of the class of which he or she is a member and (b) the newly created or eliminated directorships resulting from such increase or decrease shall be apportioned by the Board among the classes of directors so as to ensure that no one class has more than one director more than any other class. To the extent possible, consistent with the foregoing rule, any newly created directorships shall be added to those classes whose terms of office are to expire at the latest dates following such allocation, and any newly eliminated directorships shall be subtracted from those classes whose terms of office are to expire at the earliest dates following such allocation, unless otherwise provided from time to time by resolution adopted by the Board. No decrease in the authorized number of directors shall shorten the term of any incumbent director.

5. Board Vacancies. Subject to the rights of the holders of any series of Preferred Stock, any vacancy occurring in the Board for any cause, and any newly created directorship resulting from any increase in the authorized number of directors, shall, unless (a) the Board determines by resolution that any such vacancies or newly created directorships shall be filled by the stockholders or (b) as otherwise provided by law, be filled only by the affirmative vote of a majority of the directors then in office, although less than a quorum, or by a sole remaining director, and not by the stockholders. Any director elected in accordance with the preceding sentence shall hold office for a term expiring at the annual meeting of stockholders at which the term of office of the class to which the director has been assigned expires or until such director's successor shall have been duly elected and qualified, or until such director's earlier death, resignation or removal.

6. Vote by Ballot. Election of directors need not be by written ballot unless the Bylaws of the Corporation shall so provide.

ARTICLE VII: DIRECTOR LIABILITY

1. Limitation of Liability. To the fullest extent permitted by law, no director of the Corporation shall be personally liable for monetary damages for breach of fiduciary duty as a director. Without limiting the effect of the preceding sentence, if the Delaware General Corporation Law is hereafter amended to authorize the further elimination or limitation of the liability of a director, then the liability of a director of the Corporation shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law, as so amended.

2. Change in Rights. Neither any amendment nor repeal of this Article VII, nor the adoption of any provision of this Certificate of Incorporation inconsistent with this Article VII, shall eliminate, reduce or otherwise adversely affect any limitation on the personal liability of a director of the Corporation existing at the time of such amendment, repeal or adoption of such an inconsistent provision.

ARTICLE VIII: MATTERS RELATING TO STOCKHOLDERS

1. No Action by Written Consent of Stockholders. Subject to the rights of any series of Preferred Stock, no action shall be taken by the stockholders of the Corporation except at a duly called annual or special meeting of stockholders and no action shall be taken by the stockholders by written consent.

2. Special Meeting of Stockholders. Special meetings of the stockholders of the Corporation may be called only by the Chairperson of the Board, the Chief Executive Officer, the President or the Board acting pursuant to a resolution adopted by a majority of the Whole Board.

3. Advance Notice of Stockholder Nominations and Business Transacted at Special Meetings. Advance notice of stockholder nominations for the election of directors of the Corporation and of business to be brought by stockholders before any meeting of stockholders of the Corporation shall be given in the manner provided in the Bylaws of the Corporation. Business transacted at special meetings of stockholders shall be confined to the purpose or purposes stated in the notice of meeting.

ARTICLE IX: CHOICE OF FORUM

Unless the Corporation consents in writing to the selection of an alternative forum, the Court of Chancery in the State of Delaware shall be the sole and exclusive forum for any stockholder (including a beneficial owner) to bring (i) any derivative action or proceeding brought on behalf of the Corporation, (ii) any action asserting a claim of breach of fiduciary duty owed by, or other wrongdoing by, any director, officer or other employee of the Corporation to the Corporation or the Corporation's stockholders, (iii) any action asserting a claim against the Corporation, its directors, officers or employees arising pursuant to any provision of the Delaware General Corporation Law or the Corporation's certificate of incorporation or bylaws or (iv) any action asserting a claim against the Corporation, its directors, officers or employees governed by the internal affairs doctrine, except for, as to each of (i) through (iv) above, any claim as to which the Court of Chancery determines that there is an indispensable party not subject to the jurisdiction of the Court of Chancery (and the indispensable party does not consent to the personal jurisdiction of the Court of Chancery within ten days following such determination), which is vested in the exclusive jurisdiction of a court or forum other than the Court of Chancery, or for which the Court of Chancery does not have subject matter jurisdiction. If any provision or provisions of this Article IX shall be held to be invalid, illegal or unenforceable as applied to any person or entity or circumstance for any reason whatsoever, then, to the fullest extent permitted by law, the validity, legality and enforceability of such provisions in any other circumstance and of the remaining provisions of this Article IX (including, without limitation, each portion of any sentence of this Article IX containing any such provision held to be invalid, illegal or unenforceable that is not itself held to be invalid, illegal or unenforceable) and the application of such provision to other persons or entities and circumstances shall not in any way be affected or impaired thereby. Any person or entity purchasing or otherwise acquiring any interest in shares of capital stock of the Corporation shall be deemed to have notice of and to have consented to the provisions of this Article IX.

ARTICLE X: AMENDMENT OF CERTIFICATE OF INCORPORATION

If any provision of this Certificate of Incorporation becomes or is declared on any ground by a court of competent jurisdiction to be illegal, unenforceable or void, portions of such provision, or such provision in its entirety, to the extent necessary, shall be severed from this Certificate of Incorporation, and the court will replace such illegal, void or unenforceable provision of this Certificate of Incorporation with a valid and enforceable provision that most accurately reflects the Corporation's intent, in order to achieve, to the maximum extent possible, the same economic, business and other purposes of the illegal, void or unenforceable provision. The balance of this Certificate of Incorporation shall be enforceable in accordance with its terms.

The Corporation reserves the right to amend or repeal any provision contained in this Restated Certificate of Incorporation in the manner prescribed by the laws of the State of Delaware and all rights conferred upon stockholders are granted subject to this reservation; *provided, however,* that, notwithstanding any other provision of this Restated Certificate of Incorporation or any provision of law that might otherwise permit a lesser vote or no vote, but in addition to any vote of the holders of any class or series of the stock of the Corporation required by law or by this Restated Certificate of Incorporation, the affirmative vote of the holders of at least two-thirds of the voting power of all of the then-outstanding shares of the capital stock of the Corporation entitled to vote generally in the election of directors, voting together as a single class, shall be required to amend or repeal any provision of this Restated Certificate of Incorporation; provided, further, that if two-thirds of the Whole Board has approved such amendment or repeal of any provisions of this Restated Certificate of Incorporation, then only the affirmative vote of the holders of at least a majority of the voting power of all of the then-outstanding shares of the capital stock of the Corporation entitled to vote generally in the election of directors, voting together as a single class, shall be required to amend or repeal such provisions of this Restated Certificate of Incorporation.

* * * * *

**CERTIFICATE OF AMENDMENT
TO THE
RESTATED CERTIFICATE OF INCORPORATION
OF
AEGLEA BIOTHERAPEUTICS, INC.**

Pursuant to Section 242 of
the General Corporation Law of the
State of Delaware

AEGLEA BIOTHERAPEUTICS, INC., a corporation organized and existing under and by virtue of the provisions of the General Corporation Law of the State of Delaware (the “**Corporation**”), does hereby certify as follows:

FIRST: Upon the filing and effectiveness (the “**Effective Time**”) pursuant to the General Corporation Law of the State of Delaware (the “**DGCL**”) of this Certificate of Amendment to the Restated Certificate of Incorporation of the Corporation, each twenty-five (25) shares of the Corporation’s common stock, par value \$0.0001 per share (“**Common Stock**”), issued and outstanding immediately prior to the Effective Time shall automatically be combined into one (1) validly issued, fully paid and non-assessable share of Common Stock without any further action by the Corporation or the holder thereof, subject to the treatment of fractional share interests as described below. No fractional shares shall be issued at the Effective Time and, in lieu thereof, the Corporation’s transfer agent shall aggregate all fractional shares and sell them as soon as practicable after the Effective Time at the then-prevailing prices on the open market, on behalf of those stockholders who would otherwise be entitled to receive a fractional share, and after the transfer agent’s completion of such sale, stockholders shall receive a cash payment (without interest or deduction) from the transfer agent in an amount equal to their respective pro rata shares of the total net proceeds of that sale and, where shares are held in certificated form, upon the surrender of the stockholder’s Old Certificates (as defined below). Each certificate that immediately prior to the Effective Time represented shares of Common Stock (“**Old Certificates**”) shall thereafter represent that number of shares of Common Stock into which the shares of Common Stock represented by the Old Certificate shall have been combined, subject to the elimination of fractional share interests as described above.

SECOND: The text currently under Section 1 of “ARTICLE IV: AUTHORIZED STOCK” of the Restated Certificate of Incorporation of the Corporation is amended and restated in its entirety to read as follows:

“**1. Total Authorized.** The total number of shares of all classes of stock that the Corporation has authority to issue is Thirty Million (30,000,000) shares, consisting of two classes: Twenty Million (20,000,000) shares of Common Stock, \$0.0001 par value per share (“**Common Stock**”), and Ten Million (10,000,000) shares of Preferred Stock, \$0.0001 par value per share (“**Preferred Stock**”).”

THIRD: This Certificate of Amendment shall become effective as of September 8, 2023 at 12:01 a.m., Eastern Time.

FOURTH: This Certificate of Amendment was duly adopted in accordance with Section 242 of the DGCL. The Board of Directors of the Corporation duly adopted resolutions setting forth and declaring advisable this Certificate of Amendment and directed that the proposed amendments be considered by the stockholders of the Corporation. An annual meeting of stockholders was duly called upon notice in accordance with Section 222 of the DGCL and held on June 6, 2023, at which meeting the necessary number of shares were voted in favor of the proposed amendments. The stockholders of the Corporation duly adopted this Certificate of Amendment.

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Amendment to be duly executed in its corporate name as of the 7th day of September, 2023.

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Cameron Turtle
Name: Cameron Turtle
Title: Chief Operating Officer

AEGLEA BIOTHERAPEUTICS, INC.,

a Delaware Corporation

AMENDED AND RESTATED BYLAWS

As Amended and Restated on December 15, 2022

AEGLEA BIOTHERAPEUTICS, INC.,

a Delaware Corporation

AMENDED AND RESTATED BYLAWS

As Amended and Restated on December 15, 2022

ARTICLE I: STOCKHOLDERS

Section 1.1: Annual Meetings. An annual meeting of stockholders shall be held for the election of directors at such date and time as the Board of Directors of the Corporation (the “**Board**”) shall each year fix. The meeting may be held either at a place, within or without the State of Delaware as permitted by the Delaware General Corporation Law (the “**DGCL**”), or by means of remote communication as the Board in its sole discretion may determine. Any proper business may be transacted at the annual meeting.

Section 1.2: Special Meetings. Special meetings of stockholders for any purpose or purposes may be called at any time by the Chairperson of the Board, the Chief Executive Officer, the President or the Board acting pursuant to a resolution adopted by a majority of the “**Whole Board**,” which shall mean the total number of authorized directors, whether or not there exist any vacancies in previously authorized directorships. Special meetings may not be called by any other person or persons. The special meeting may be held either at a place, within or without the State of Delaware, or by means of remote communication as the Board in its sole discretion may determine.

Section 1.3: Notice of Meetings. Notice of all meetings of stockholders shall be given in accordance with applicable law (including, without limitation, as set forth in Section 7.1 of these Bylaws) stating the date, time and place, if any, of the meeting, the means of remote communications, if any, by which stockholders and proxyholders may be deemed to be present in person and vote at such meeting and, in the case of a special meeting, the purpose or purposes for which the meeting is called. Unless otherwise required by applicable law or the Certificate of Incorporation of the Corporation (the “**Certificate of Incorporation**”), such notice shall be given not less than ten (10), nor more than sixty (60), days before the date of the meeting to each stockholder of record entitled to vote at such meeting.

Section 1.4: Adjournments. The person presiding over the meeting shall have the power to adjourn the meeting to another time, date and place (if any). Any meeting of stockholders may adjourn from time to time (including an adjournment taken to address a technical failure to convene or continue a meeting using remote communication), and notice need not be given of any such adjourned meeting if the time, date and place (if any) thereof and the means of remote communications (if any) by which stockholders and proxy holders may be deemed to be present in person and vote at such adjourned meeting are (i) announced at the meeting at which the adjournment is taken, (ii) displayed, during the time scheduled for the meeting, on the same electronic network used to enable stockholders and proxy holders to participate in the meeting by means of remote communication or (iii) set forth in the notice of meeting given in accordance with Section 222(a) of the DGCL; *provided, however*, that if the adjournment is for more than thirty (30) days, or if a new record date is fixed for the adjourned meeting, then a notice of the adjourned meeting shall be given to each stockholder of record entitled to vote at the meeting. At the adjourned meeting the Corporation may transact any business that might have been transacted at the original meeting. To the fullest extent permitted by law, the Board may postpone or reschedule any previously scheduled special or annual meeting of stockholders before it is to be held, in which case notice shall be provided to the stockholders of the new date, time and place, if any, of the meeting as provided in Section 1.3 above.

Section 1.5: Quorum. At each meeting of stockholders the holders of a majority of the voting power of the shares of stock entitled to vote at the meeting, present in person or represented by proxy, shall constitute a quorum for the transaction of business, unless otherwise required by applicable law. Where a separate vote by a class or classes or series is required, a majority of the voting power of the shares of such class or classes or series present in person or represented by proxy shall constitute a quorum entitled to take action with respect to that vote on that matter. If a quorum shall fail to attend any meeting, the chairperson of the meeting or the holders of a majority of the shares entitled to vote who are present, in person or by proxy, at the meeting may adjourn the meeting. A quorum, once established at a meeting, shall not be broken by the withdrawal of enough votes to leave less than the quorum.

Section 1.6: Organization. Meetings of stockholders shall be presided over by such person as the Board may designate, or, in the absence of such a person, the Chairperson of the Board, or, in the absence of such person, the President of the Corporation, or, in the absence of such person, such person as may be chosen by the holders of a majority of the voting power of the shares entitled to vote who are present, in person or by proxy, at the meeting. Such person shall be chairperson of the meeting and, subject to Section 1.10 hereof, shall determine the order of business and the procedure at the meeting, including such regulation of the manner of voting and the conduct of discussion as seems to him or her to be in order. The Secretary of the Corporation shall act as secretary of the meeting, but in such person's absence the chairperson of the meeting may appoint any person to act as secretary of the meeting.

Section 1.7: Voting; Proxies. Each stockholder entitled to vote at a meeting of stockholders may authorize another person or persons to act for such stockholder by proxy. Such a proxy may be prepared, transmitted and delivered in any manner permitted by applicable law. Except as may be required in the Certificate of Incorporation, directors shall be elected by a plurality of the votes cast. Unless otherwise provided by applicable law, the rules of any stock exchange upon which the Corporation's securities are listed, the Certificate of Incorporation or these Bylaws, every matter other than the election of directors shall be decided by a majority of the affirmative votes cast for or against the matter.

Any stockholder directly or indirectly soliciting proxies from other stockholders must use a proxy card color other than white, which shall be reserved for exclusive use by the Board.

Section 1.8: Fixing Date for Determination of Stockholders of Record. In order that the Corporation may determine the stockholders entitled to notice of or to vote at any meeting of stockholders or entitled to receive payment of any dividend or other distribution or allotment of any rights, or entitled to exercise any rights in respect of any change, conversion or exchange of stock or for the purpose of any other lawful action, unless otherwise required by law, the Board may fix, in advance, a record date, which shall not precede the date upon which the resolution fixing the record date is adopted by the Board and which shall not be more than sixty (60), nor less than ten (10), days before the date of such meeting, nor more than sixty (60) days prior to any other action. If no record date is fixed by the Board, then the record date shall be as provided by applicable law. To the fullest extent permitted by law, a determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting; *provided, however*, that the Board may fix a new record date for the adjourned meeting.

Section 1.9: List of Stockholders Entitled to Vote. The Corporation shall prepare, no later than the tenth (10th) day before each meeting of stockholders, a complete list of stockholders entitled to vote at the meeting (*provided, however*, if the record date for determining the stockholders entitled to vote is less than ten (10) days before the date of the meeting, the list shall reflect the stockholders entitled to vote as of the tenth (10th) day before the meeting date), arranged in alphabetical order and showing the address of each stockholder and the number of shares registered in the name of each stockholder. Nothing in this Section 1.9 shall require the Corporation to include electronic mail addresses or other electronic contact information on such list. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting, during ordinary business hours, for a period of ten (10) days ending on the day before the meeting date, either on a reasonably accessible electronic network as permitted by law (provided that the information required to gain access to the list is provided with the notice of the meeting) or during ordinary business hours at the principal place of business of the Corporation (*provided, however*, if the record date for determining the stockholders entitled to vote is less than ten (10) days before the date of the meeting, the list shall reflect the stockholders entitled to vote as of the tenth (10th) day before the meeting date), arranged in alphabetical order and showing the address of each stockholder and the number of shares registered in the name of each stockholder. In the event that the Corporation determines to make the list available on an electronic network, the Corporation may take reasonable steps to ensure that such information is available only to stockholders of the Corporation. Except as otherwise provided by law, the stock ledger shall be the only evidence as to who are the stockholders entitled to examine the list of stockholders required by this Section 1.9 or to vote in person or by proxy at any meeting of stockholders. Notwithstanding the foregoing, the Corporation may maintain and authorize examination of the list of stockholders in any manner expressly permitted by the DGCL at the time.

Section 1.10: Inspectors of Elections.

1.10.1 **Applicability.** Unless otherwise required by the Certificate of Incorporation or by the DGCL, the following provisions of this Section 1.10 shall apply only if and when the Corporation has a class of voting stock that is: (a) listed on a national securities exchange; (b) authorized for quotation on an interdealer quotation system of a registered national securities association; or (c) held of record by more than two thousand (2,000) stockholders. In all other cases, observance of the provisions of this Section 1.10 shall be optional, and at the discretion of the Board.

1.10.2 **Appointment.** The Corporation shall, in advance of any meeting of stockholders, appoint one or more inspectors of election to act at the meeting and make a written report thereof. The Corporation may designate one or more persons as alternate inspectors to replace any inspector who fails to act. If no inspector or alternate is able to act at a meeting of stockholders, the person presiding at the meeting shall appoint one or more inspectors to act at the meeting.

1.10.3 **Inspector's Oath.** Each inspector of election, before entering upon the discharge of his duties, shall take and sign an oath faithfully to execute the duties of inspector with strict impartiality and according to the best of such inspector's ability.

1.10.4 **Duties of Inspectors.** At a meeting of stockholders, the inspectors of election shall (a) ascertain the number of shares outstanding and the voting power of each share, (b) determine the shares represented at a meeting and the validity of proxies and ballots, (c) count all votes and ballots, (d) determine and retain for a reasonable period of time a record of the disposition of any challenges made to any determination by the inspectors, and (e) certify their determination of the number of shares represented at the meeting, and their count of all votes and ballots. The inspectors may appoint or retain other persons or entities to assist the inspectors in the performance of the duties of the inspectors.

1.10.5 **Opening and Closing of Polls.** The date and time of the opening and the closing of the polls for each matter upon which the stockholders will vote at a meeting shall be announced at the meeting. No ballot, proxies or votes, nor any revocations thereof or changes thereto, shall be accepted by the inspectors after the closing of the polls unless the Court of Chancery of the State of Delaware upon application by a stockholder shall determine otherwise.

1.10.6 **Determinations.** In determining the validity and counting of proxies and ballots, the inspectors shall be limited to an examination of the proxies, any envelopes submitted with those proxies, any information pursuant to Section 211(a)(2)(b)(i) or (iii) of the DGCL, or Sections 211(e) or 212(c)(2) of the DGCL, ballots and the regular books and records of the Corporation, except that the inspectors may consider other reliable information for the limited purpose of reconciling proxies and ballots submitted by or on behalf of banks, brokers, their nominees or similar persons which represent more votes than the holder of a proxy is authorized by the record owner to cast or more votes than the stockholder holds of record. If the inspectors consider other reliable information for the limited purpose permitted herein, the inspectors at the time they make their certification of their determinations pursuant to this Section 1.10 shall specify the precise information considered by them, including the person or persons from whom they obtained the information, when the information was obtained, the means by which the information was obtained and the basis for the inspectors' belief that such information is accurate and reliable.

Section 1.11: Conduct of Meetings. The Board may adopt by resolution such rules and regulations for the conduct of the meeting of stockholders as it shall deem appropriate. Except to the extent inconsistent with such rules and regulations as adopted by the Board, the person presiding over any meeting of stockholders shall have the right and authority to convene and (for any or no reason) to recess and/or adjourn the meeting, to prescribe such rules, regulations and procedures and to do all such acts as, in the judgment of such presiding person, are appropriate for the proper conduct of the meeting. Such rules, regulations or procedures, whether adopted by the Board or prescribed by the presiding person of the meeting, may include, without limitation, the following: (a) the establishment of an agenda or order of business for the meeting, (b) rules and procedures for maintaining order at the meeting and the safety of those present, (c) limitations on attendance at or participation in the meeting to stockholders entitled to vote at the meeting, their duly authorized and constituted proxies or such other persons as

the presiding person of the meeting or the Board shall determine, (d) restrictions on entry to the meeting after the time fixed for the commencement thereof, (e) limitations on the time allotted to questions or comments by participants, (f) restricting the use of audio/video recording devices and cell phones, (g) complying with any state and local laws and regulations concerning safety and security, (h) procedures (if any) requiring attendees to provide the Corporation advance notice of their intent to attend the meeting; and (i) any additional attendance or other procedures or requirements for proponents submitting a proposal pursuant to Rule 14a-8 promulgated under the Exchange Act (defined below). The presiding person at any meeting of stockholders, in addition to making any other determinations that may be appropriate to the conduct of the meeting, shall, if the facts warrant, determine and declare to the meeting that a matter or business was not properly brought before the meeting and if such presiding person should so determine, such presiding person shall so declare to the meeting and any such matter or business not properly brought before the meeting shall not be transacted or considered. Unless and to the extent determined by the Board or the person presiding over the meeting, meetings of stockholders shall not be required to be held in accordance with the rules of parliamentary procedure.

Section 1.12: Notice of Stockholder Business; Nominations.

1.12.1 Annual Meeting of Stockholders.

(a) Nominations of persons for election to the Board and the proposal of business to be considered by the stockholders shall be made at an annual meeting of stockholders (i) pursuant to the Corporation's notice of such meeting, (ii) by or at the direction of the Board or (iii) by any stockholder of the Corporation who was a stockholder of record at the time of giving of the notice provided for in this Section 1.12 (the "**Record Stockholder**"), who is entitled to vote at such meeting and who complies with the notice procedures set forth in this Section 1.12. For the avoidance of doubt, the foregoing clause (iii) shall be the exclusive means for a stockholder to make nominations or propose business (other than business included in the Corporation's proxy materials pursuant to Rule 14a-8 under the Securities Exchange Act of 1934, as amended (such act, and the rules and regulations promulgated thereunder, the "**Exchange Act**")), at an annual meeting of stockholders.

(b) For nominations or other business to be properly brought before an annual meeting by a Record Stockholder pursuant to Section 1.12.1(a):

(i) the Record Stockholder must have given timely notice thereof in writing to the Secretary of the Corporation and provide any updates or supplements to such notice at the time and in the forms required by this Section 1.12;

(ii) such other business must otherwise be a proper matter for stockholder action;

(iii) (A) if the Proposing Person (as defined below) has provided the Corporation with a Solicitation Notice, as that term is defined in this Section, in the case of a proposal other than the nomination of persons for election to the Board, such Proposing Person must have delivered a proxy statement and form of proxy to holders of at least the percentage of the Corporation's voting shares required under applicable law to carry any such proposal and must have included in such materials the Solicitation Notice, or (B) if the Proposing Person has delivered a notice of nomination or nominations, such Proposing Person must certify to the Corporation in writing, that it has complied with and will comply with the requirements of Rule 14a-19 promulgated under the Exchange Act (as such rule and regulations may be amended from time to time by the Securities and Exchange Commission, including any Securities and Exchange Commission Staff interpretations relating thereto) ("**Rule 14a-19**"), if applicable, and the Proposing Person shall deliver, no later than five (5) business days prior to the annual meeting or any adjournment, rescheduling, postponement or other delay thereof, reasonable evidence that it has complied with such requirements; and

(iv) in the case of a proposal other than the nomination of persons for election to the Board, if no Solicitation Notice relating thereto has been timely provided pursuant to this Section, the Proposing Person proposing such business must not have solicited a number of proxies sufficient to have required the delivery of such a Solicitation Notice under this Section.

To be timely, (i) a Record Stockholder's notice must be delivered to the Secretary at the principal executive offices of the Corporation not later than the close of business on the seventy-fifth (75th) day nor earlier than the close of business on the one hundred and fifth (105th) day prior to the first anniversary of the preceding year's annual meeting; provided, however, that in the event that the date of the annual meeting is more than thirty (30) days before or more than sixty (60) days after such anniversary date, or if no annual meeting was held in the preceding year, notice by the Record Stockholder to be timely must be so delivered (A) no earlier than the close of business on the one hundred and fifth (105th) day prior to currently proposed annual meeting and (B) no later than the close of business on the later of the seventy-fifth (75th) day prior to such annual meeting or the close of business on the tenth (10th) day following the day on which Public Announcement (as defined below) of the date of such meeting is first made by the Corporation, (ii) in the case of a proposal for the nomination of persons for election to the Board, the Record Stockholder shall have complied in all respects with the requirements of Section 14 of the Exchange Act, including, without limitation, if applicable, the requirements of Rule 14a-19 and (iii) in the case of a proposal for the nomination of persons for election to the Board, the Board or an executive officer designated thereby shall have determined that the Record Stockholder has satisfied the requirements of this Section 1.12. In no event shall an adjournment, postponement or rescheduling (or the Public Announcement thereof) of an annual meeting for which notice has been given or a Public Announcement of the meeting date has been made commence a new time period (or extend any time period) for providing the stockholder's notice.

Such Record Stockholder's notice shall set forth:

(x) as to each person whom the Record Stockholder proposes to nominate for election or reelection as a director, all information relating to such person that would be required to be disclosed in solicitations of proxies for election of directors, or would be otherwise required, in each case pursuant to Regulation 14A under the Exchange Act, including such person's written consent to being named as a nominee in any proxy materials relating to the Corporation's next meeting, to the public disclosure of information regarding or related to such person provided to the Corporation by such person or otherwise pursuant to this Section 1.12 and to serving as a director if elected (provided, that the Corporation may require any proposed nominee to furnish such other information as it may reasonably require to determine the eligibility of such proposed nominee to serve as a director of the Corporation and to determine the independence of such director under the Exchange Act and rules and regulations thereunder and applicable stock exchange rules);

(y) as to any other business that the Record Stockholder proposes to bring before the meeting, a brief description of the business desired to be brought before the meeting, the reasons for conducting such business at the meeting and any material interest in such business of such Proposing Person; and

(z) as to each Proposing Person giving the notice (aa) the name and address of such Proposing Person, as they appear on the Corporation's books, (bb) (i) the class and number of shares of the Corporation that are owned beneficially and held of record by such Proposing Person and (ii) a certification regarding whether such Proposing Person has complied with all applicable federal, state and other legal requirements in connection with such Proposing Person's acquisition of shares of capital stock or other securities of the Corporation and/or such Proposing Person's acts or omissions as a stockholder of the Corporation, (cc) a description of any agreement, arrangement or understanding with respect to the nomination or proposal between or among such Proposing Person, any of its affiliates or associates, and any others Acting in Concert (as defined below) with any of the foregoing, (dd) a description of any agreement, arrangement or understanding (including any derivative or short positions, profit interests, options, warrants, stock appreciation or similar rights, hedging transactions, and borrowed or loaned shares) that has been entered into as of the date of the stockholder's notice by, or on behalf of, such Proposing Persons, the effect or intent of which is to mitigate loss to, manage risk or benefit of share price changes for, or increase or decrease the voting power of, such Proposing Person, with respect to shares of stock of the Corporation, (ee) a representation that the Proposing Person is a holder of record of stock of the Corporation entitled to vote at such meeting and intends to appear in person (including virtually in the case of a meeting conducted solely by means of remote communication) or by proxy at the meeting to propose such business or nomination, (ff) any other information relating to such Proposing Person that would be required to be disclosed in proxy materials or other filings required to be made in connection with solicitations of proxies or consents by such Proposing Person in support of the business or nomination proposed to be brought before the meeting pursuant to Section 14(a) (or any successor provision) under the Exchange Act and the rules and regulations thereunder, (gg) in the case of a proposal other than the nomination of persons for election to the Board, whether such Proposing Person intends to deliver a

proxy statement and form of proxy to holders of at least the percentage of the Corporation's voting shares required under applicable law to carry the proposal (an affirmative statement of such intent being a "**Solicitation Notice**") and (hh) in the case of a nomination or nominations of persons for election to the Board, a representation that such Proposing Person intends to solicit the holders of shares representing at least 67% of the voting power of the shares entitled to vote on the election of directors in support of director nominees other than the Corporation's nominees in accordance with Rule 14a-19, and the name of each participant (as defined in Item 4 of Exchange Act Schedule 14A) in such solicitation. If requested by the Corporation, the information required under clauses (bb), (cc) and (dd) of this subparagraph (z) shall be supplemented by such Record Stockholder not later than 10 days after the record date for the meeting to disclose such information as of the record date.

(c) Notwithstanding anything in the second sentence of Section 1.12.1(b) to the contrary, in the event that the number of directors to be elected to the Board is increased and there is no Public Announcement by the Corporation naming all of the nominees for director or specifying the size of the increased Board at least seventy five (75) days prior to the first anniversary of the preceding year's annual meeting (or, if the annual meeting is held more than thirty (30) days before or sixty (60) days after such anniversary date, at least seventy five (75) days prior to such annual meeting), a stockholder's notice required by this Section 1.12 shall also be considered timely, but only with respect to nominees for any new positions created by such increase, if it shall be delivered to the Secretary of the Corporation at the principal executive office of the Corporation no later than the close of business on the tenth (10th) day following the day on which such Public Announcement is first made by the Corporation.

(d) A Record Stockholder providing written notice required by this Section 1.12 shall update such notice, and any other information provided to the Corporation, in writing, so that the information provided or required to be provided in such notice is true and correct in all material respects as of (i) the record date for determining the stockholders entitled to notice of the meeting and (ii) the close of business on the tenth (10th) business day prior to the meeting or any adjournment, postponement or rescheduling thereof. In the case of an update pursuant to clause (i) of the foregoing sentence, such update shall be received by the Secretary of the Corporation at the principal executive office of the Corporation not later than five (5) business days after the record date for determining the stockholders entitled to notice of the meeting, and in the case of an update and supplement pursuant to clause (ii) of the foregoing sentence, such update and supplement shall be received by the Secretary of the Corporation at the principal executive office of the Corporation not later than eight (8) business days prior to the date for the meeting and, if practicable, any adjournment, postponement or rescheduling thereof (and, if not practicable, on the first practicable date prior to the date to which the meeting has been adjourned, postponed or rescheduled). Notwithstanding the foregoing, if a Proposing Person no longer plans to solicit proxies in accordance with its representation pursuant to clause (hh) of subparagraph (z) above, the Record Stockholder shall inform the Corporation of this change by delivering a writing to the Secretary at the principal executive offices of the Corporation no later than two (2) business days after the occurrence of such change. A Record Stockholder shall also update its notice so that the information required by clause (gg) of subparagraph (z) above is current through the date of the meeting or any adjournment, postponement, or rescheduling thereof, and such update shall be delivered in writing to the Secretary at the principal executive offices of the Corporation no later than two (2) business days after the occurrence of any material change to the information previously disclosed pursuant to clause (gg) of subparagraph (z) above. For the avoidance of doubt, the obligation to update as set forth in this paragraph shall not limit the Corporation's rights with respect to any deficiencies in any notice provided by a Record Stockholder, extend any applicable deadlines hereunder or enable or be deemed to permit a stockholder who has previously submitted notice hereunder to amend or update any proposal or nomination or to submit any new proposal, including by changing or adding nominees, matters, business and/or resolutions proposed to be brought before a meeting of the stockholders. If a Record Stockholder providing written notice required by this Section 1.12 fails to provide any written update in accordance with this Section 1.12, the information as to which such written update relates may be deemed not to have been provided in accordance with these Bylaws.

(e) If any information submitted pursuant to this Section 1.12 is inaccurate or incomplete in any material respect (as determined by the Board or a committee thereof), such information shall be deemed not to have been provided in accordance with these Bylaws. A Record Stockholder shall notify the Secretary in writing at the principal executive offices of the Corporation of any inaccuracy or change in any information submitted within two (2) business days after becoming aware of such inaccuracy or change, and any such notification shall clearly identify the inaccuracy or change, it being understood that no such notification will cure any deficiencies or inaccuracies with respect to any prior submission by such Record Stockholder. Upon written request of the Secretary on behalf of

the Board (or a duly authorized committee thereof), the Record Stockholder shall provide, within seven (7) business days after delivery of such request (or such longer period as may be specified in such request), (1) written verification, reasonably satisfactory to the Board, any committee thereof, or any authorized officer of the Corporation, to demonstrate the accuracy of any information submitted and (2) a written affirmation of any information submitted as of an earlier date. If the Record Stockholder fails to provide such written verification or affirmation within such period, the information as to which written verification or affirmation was requested may be deemed not to have been provided in accordance with these Bylaws.

1.12.2 Submission of Questionnaire, Representation and Agreement. To be eligible to be a nominee of any stockholder for election or reelection as a director of the Corporation, the person proposed to be nominated must deliver (in accordance with the time periods prescribed for delivery of notice under Section 1.12 of these Bylaws) to the Secretary of the Corporation at the principal executive offices of the Corporation all completed and signed questionnaires in the forms required by the Corporation (which form the stockholder shall request in writing from the Secretary of the Corporation and which the Secretary of the Corporation shall provide to such stockholder within ten (10) days of receiving such request) with respect to the background and qualification of such person to serve as a director of the Corporation and the background of any other person or entity on whose behalf, directly or indirectly, the nomination is being made and a signed representation and agreement (in the form available from the Secretary of the Corporation upon written request) that such person: (a) is not and will not become a party to (i) any agreement, arrangement or understanding with, and has not given any commitment or assurance to, any person or entity as to how such person, if elected as a director of the Corporation, will act or vote on any issue or question (a “**Voting Commitment**”) that has not been disclosed to the Corporation or (ii) any Voting Commitment that could limit or interfere with such person’s ability to comply, if elected as a director of the Corporation, with such person’s fiduciary duties under applicable law, (b) is not and will not become a party to any Compensation Arrangement (as defined below) that has not been disclosed therein, (c) if elected as a director of the Corporation, will comply with all informational and similar requirements of applicable insurance policies and laws and regulations in connection with service or action as a director of the Corporation, (d) if elected as a director of the Corporation, will comply with all corporate governance, conflict of interest, stock ownership requirements, confidentiality and trading policies and guidelines of the Corporation publicly disclosed from time to time, (e) if elected as a director of the Corporation, will act in the best interests of the Corporation and its stockholders and not in the interests of individual constituencies, (f) consents to being named as a nominee in any proxy materials relating to the Corporation’s next meeting and agrees to serve if elected as a director, (g) intends to serve as a director for the full term for which such individual is to stand for election, (h) represents and warrants that his or her candidacy or, if elected, Board membership, would not violate applicable state or federal law, the Certificate of Incorporation, these Bylaws, or the rules of any stock exchange on which shares of the Corporation’s common stock are traded, and (i) will provide facts, statements, and other information in all communications with the Corporation and its stockholders that are or will be true and correct in all material respects, and that do not and will not omit to state a material fact necessary in order to make the statements made, in light of the circumstances under which they are made, not misleading.

1.12.3 Special Meetings of Stockholders. Only such business shall be conducted at a special meeting of stockholders as shall have been brought before the meeting pursuant to the Corporation’s notice of such meeting. Nominations of persons for election to the Board may be made at a special meeting of stockholders at which directors are to be elected pursuant to the Corporation’s notice of such meeting (a) by or at the direction of the Board or (b) provided that the Board has determined that directors shall be elected at such meeting, by any stockholder of the Corporation who is a stockholder of record at the time of giving of notice of the special meeting, who shall be entitled to vote at the meeting and who complies with the notice procedures set forth in this Section 1.12. In the event the Corporation calls a special meeting of stockholders for the purpose of electing one or more directors to the Board, any such stockholder may nominate a person or persons (as the case may be), for election to such position(s) as specified in the Corporation’s notice of meeting, if (A) the stockholder’s notice required by Section 1.12.1(b) shall be delivered to the Secretary of the Corporation at the principal executive offices of the Corporation (i) no earlier than the one hundred fifth (105th) day prior to such special meeting and (ii) no later than the close of business on the later of the seventy fifth (75th) day prior to such special meeting or the tenth (10th) day following the day on which Public Announcement is first made of the date of the special meeting and of the nominees proposed by the Board to be elected at such meeting, (B) the stockholder has complied in all respects with the requirements of Section 14 of the Exchange Act, including, without limitation, if applicable, the requirements of Rule 14a-19 and (C) the Board or an executive officer designated thereby has determined that the stockholder has satisfied the requirements of Section 1.12.

1.12.4 General.

(a) (i) Only such persons who are nominated in accordance with the procedures set forth in this Section 1.12 shall be eligible to serve as directors and only such business shall be conducted at a meeting of stockholders as shall have been brought before the meeting in accordance with the procedures set forth in this Section 1.12. The number of nominees a stockholder may nominate for election at a meeting of stockholders (or in the case of a Record Stockholder giving the notice on behalf of another Proposing Person, the number of nominees a stockholder may nominate for election at the meeting on behalf of such Proposing Person) shall not exceed the number of directors to be elected at such meeting. Except as otherwise provided by law or these Bylaws, the chairperson of the meeting shall have the power and duty to determine whether a nomination or any business proposed to be brought before the meeting was made or proposed, as the case may be, in accordance with the procedures set forth in this Section 1.12 and, if any proposed nomination or business is not in compliance herewith, to declare that such defective proposal or nomination shall be disregarded (and any such nominee shall be disqualified), including that if a stockholder provides notice pursuant to Rule 14a-19(b) promulgated under the Exchange Act and subsequently fails to comply with the requirements of Rule 14a-19(a)(2) and Rule 14a-19(a)(3) promulgated under the Exchange Act, including the provision to the Corporation of notices required thereunder in a timely manner, then the Corporation shall disregard any proxies or votes solicited for such stockholder's director nominees (and any such nominee shall be disqualified). If a stockholder has given timely notice as required herein to make a nomination or bring a proposal of other business before any annual or special meeting of stockholders of the Corporation and intends to authorize a Qualified Representative (as defined below) to act for such stockholder as a proxy to present the nomination or proposal at such meeting, the stockholder shall give notice of such authorization in writing to the Secretary not less than three (3) business days before the date of such meeting, including the name and contact information for such person. Notwithstanding the foregoing provisions of Section 1.12, unless otherwise required by law, no stockholder shall solicit proxies in support of director nominees other than the Corporation's nominees unless such stockholder has complied with Rule 14a-19 promulgated under the Exchange Act in connection with the solicitation of such proxies, including the provision to the Corporation of notices required thereunder in a timely manner.

(ii) The Board may request that any Proposing Person, and any proposed nominee of such Proposing Person, furnish such additional information as may be reasonably required by the Board. Such Proposing Person and/or proposed nominee thereof shall provide such additional information within ten (10) days after it has been requested by the Board. The Board may require any such proposed nominee to submit to interviews with the Board or any committee thereof, and such proposed nominee shall make themselves available for any such interviews within no less than ten (10) business days following the date of such request.

(b) For purposes of this Section 1.12, the following definitions shall apply:

(A) a person shall be deemed to be "**Acting in Concert**" with another person if such person knowingly acts (whether or not pursuant to an express agreement, arrangement or understanding) in concert with, or toward a common goal relating to the management, governance or control of the Corporation in substantial parallel with, such other person where (1) each person is conscious of the other person's conduct or intent and this awareness is an element in their decision-making processes and (2) at least one additional factor suggests that such persons intend to act in concert or in substantial parallel, which such additional factors may include, without limitation, exchanging information (whether publicly or privately), attending meetings, conducting discussions or making or soliciting invitations to act in concert or in substantial parallel; provided that a person shall not be deemed to be Acting in Concert with any other person solely as a result of the solicitation or receipt of revocable proxies or consents from such other person in response to a solicitation made pursuant to, and in accordance with, Section 14(a) (or any successor provision) of the Exchange Act by way of a proxy or consent solicitation statement filed on Schedule 14A. A person Acting in Concert with another person shall be deemed to be Acting in Concert with any third party who is also Acting in Concert with such other person;

(B) "**Associated Person**" shall mean with respect to any subject stockholder or other person (including any proposed nominee) (1) any person directly or indirectly controlling, controlled by or under common control with such stockholder or other person, (2) any beneficial owner of shares of stock of the Corporation owned of record or beneficially by such stockholder or other person, (3) any associate of such stockholder or other person, and (4) any person directly or indirectly controlling, controlled by or under common control or Acting in Concert with any such Associated Person;

(C) “**Compensation Arrangement**” shall mean any direct or indirect compensatory payment or other financial agreement, arrangement or understanding with any person or entity other than the Corporation, including any agreement, arrangement or understanding with respect to any direct or indirect compensation, reimbursement or indemnification in connection with candidacy, nomination, service or action as a nominee or as a director of the Corporation;

(D) “**Proposing Person**” shall mean (1) the Record Stockholder providing the notice of business proposed to be brought before an annual meeting or nomination of persons for election to the Board at a stockholder meeting, (2) the beneficial owner or beneficial owners, if different, on whose behalf the notice of business proposed to be brought before the annual meeting or nomination of persons for election to the Board at a stockholder meeting is made, and (3) any Associated Person on whose behalf the notice of business proposed to be brought before the annual meeting or nomination of persons for election to the Board at a stockholder meeting is made;

(E) “**Public Announcement**” shall mean disclosure in a press release reported by the Dow Jones News Service, Associated Press or comparable national news service or in a document publicly filed by the Corporation with the Securities and Exchange Commission pursuant to Section 13, 14 or 15(d) of the Exchange Act;

(F) To be considered a “**Qualified Representative**” of a stockholder, a person must be a duly authorized officer, manager, trustee or partner of such stockholder or must be authorized by a writing executed by such stockholder or an electronic transmission delivered by such stockholder to act for such stockholder as a proxy at the meeting of stockholders and such person must produce such writing or electronic transmission, or a reliable reproduction thereof, at the meeting. The Secretary of the Corporation, or any other person who shall be appointed to serve as secretary of the meeting, may require, on behalf of the Corporation, reasonable and appropriate documentation to verify the status of a person purporting to be a “Qualified Representative” for purposes hereof.

(c) Notwithstanding the foregoing provisions of this Section 1.12, a stockholder shall also comply with all applicable requirements of the Exchange Act and the rules and regulations thereunder with respect to the matters set forth herein, for the avoidance of doubt including, but not limited to, Rule 14a-19 of the Exchange Act. Nothing in this Section 1.12 shall be deemed to affect any rights of stockholders to request inclusion of proposals in the Corporation’s proxy statement pursuant to Rule 14a-8 under the Exchange Act.

Section 1.13: Emergency Bylaws. This Section 1.13 shall be operative during any emergency condition as contemplated by Section 110 of the DGCL (an “**Emergency**”), notwithstanding any different or conflicting provisions in these Bylaws, the Certificate of Incorporation or the DGCL. In the event of any Emergency the director or directors in attendance at a meeting of the Board or a standing committee thereof shall constitute a quorum. Such director or directors in attendance may further take action to appoint one or more of themselves or other directors to membership on any standing or temporary committees of the Board as they shall deem necessary and appropriate. In the event that no directors are able to attend a meeting of the Board or any committee thereof in an Emergency, then the Designated Officers (as defined below) in attendance shall serve as directors, or committee members, as the case may be, for the meeting and will have full powers to act as directors, or committee members, as the case may be, of the Corporation. Except as the Board may otherwise determine, during any Emergency, the Corporation and its directors and officers, may exercise any authority and take any action or measure contemplated by Section 110 of the DGCL. For purposes of this Section 1.13, the term “**Designated Officer**” means an officer identified on a numbered list of officers of the Corporation who shall be deemed to be, in the order in which they appear on the list up until a quorum is obtained, directors of the Corporation, or members of a committee of the Board, as the case may be, for purposes of obtaining a quorum during an Emergency, if a quorum of directors or committee members, as the case may be, cannot otherwise be obtained during such Emergency, which list of Designated Officers shall be approved by the Board from time to time but in any event prior to such time or times as an Emergency may have occurred.

ARTICLE II: BOARD OF DIRECTORS

Section 2.1: Number; Qualifications. The Board shall consist of one or more members. The number of directors shall be fixed from time to time as set forth in the Certificate of Incorporation. No decrease in the authorized number of directors constituting the Board shall shorten the term of any incumbent director. Directors need not be stockholders of the Corporation.

Section 2.2: Election; Resignation; Removal; Vacancies. The directors shall be divided, with respect to the time for which they severally hold office, into classes as provided in the Certificate of Incorporation, and vacancies occurring in the Board and any newly created directorships resulting from any increase in the authorized number of directors shall be filled, as provided in the Certificate of Incorporation.

Section 2.3: Regular Meetings. Regular meetings of the Board may be held at such places, within or without the State of Delaware, and at such times as the Board may from time to time determine. Notice of regular meetings need not be given if the date, times and places thereof are fixed by resolution of the Board.

Section 2.4: Special Meetings. Special meetings of the Board may be called by the Chairperson of the Board, the Chief Executive Officer, the President or a majority of the members of the Board then in office and may be held at any time, date or place, within or without the State of Delaware, as the person or persons calling the meeting shall fix. Notice of the time, date and place of such meeting shall be given, orally, in writing or by electronic transmission (including electronic mail), by the person or persons calling the meeting to all directors at least four (4) days before the meeting if the notice is mailed, or at least twenty-four (24) hours before the meeting if such notice is given by telephone, hand delivery, or electronic transmission. Unless otherwise indicated in the notice, any and all business may be transacted at a special meeting.

Section 2.5: Remote Meetings Permitted. Members of the Board, or any committee of the Board, may participate in a meeting of the Board or such committee by means of conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other, and participation in a meeting pursuant to conference telephone or other communications equipment shall constitute presence in person at such meeting.

Section 2.6: Quorum; Vote Required for Action. Subject to the Certificate of Incorporation regarding the ability of members of the Board to fill a vacancy occurring in the Board, a majority of the Whole Board shall constitute a quorum for the transaction of business. If a quorum shall fail to attend any meeting, a majority of those present may adjourn the meeting to another place, date or time without further notice thereof. Except as otherwise provided herein or in the Certificate of Incorporation, or required by law, the vote of a majority of the directors present at a meeting at which a quorum is present shall be the act of the Board.

Section 2.7: Organization. Meetings of the Board shall be presided over by the Chairperson of the Board, or in such person's absence by the President, or in such person's absence by a chairperson chosen at the meeting. The Secretary shall act as secretary of the meeting, but in such person's absence the chairperson of the meeting may appoint any person to act as secretary of the meeting.

Section 2.8: Written Action by Directors. Any action required or permitted to be taken at any meeting of the Board, or of any committee thereof, may be taken without a meeting if all members of the Board or such committee, as the case may be, consent thereto in writing or by electronic transmission. After an action is taken, the writing or writings or electronic transmission or transmissions shall be filed with the minutes of proceedings of the Board or committee, respectively, in the minute books of the Corporation. Such filing shall be in paper form if the minutes are maintained in paper form and shall be in electronic form if the minutes are maintained in electronic form.

Section 2.9: Powers. The Board may, except as otherwise required by law or the Certificate of Incorporation, exercise all such powers and manage and direct all such acts and things as may be exercised or done by the Corporation.

Section 2.10: Compensation of Directors. Members of the Board, as such, may receive, pursuant to a resolution of the Board, fees and other compensation for their services as directors, including without limitation their services as members of committees of the Board.

ARTICLE III: COMMITTEES

Section 3.1: Committees. The Board may designate one or more committees, each committee to consist of one or more of the directors of the Corporation. The Board may designate one or more directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of the committee. In the absence or disqualification of a member of the committee, the member or members thereof present at any meeting of such committee who are not disqualified from voting, whether or not such member or members constitute a quorum, may unanimously appoint another member of the Board to act at the meeting in place of any such absent or disqualified member. Any such committee, to the extent provided in a resolution of the Board, shall have and may exercise all the powers and authority of the Board in the management of the business and affairs of the Corporation and may authorize the seal of the Corporation to be affixed to all papers that may require it; but no such committee shall have the power or authority in reference to the following matters: (a) approving, adopting, or recommending to the stockholders any action or matter (other than the election or removal of members of the Board) expressly required by the DGCL to be submitted to stockholders for approval or (b) adopting, amending or repealing any bylaw of the Corporation.

Section 3.2: Committee Rules. Unless the Board otherwise provides, each committee designated by the Board may make, alter and repeal rules for the conduct of its business. In the absence of such rules each committee shall conduct its business in the same manner as the Board conducts its business pursuant to Article II of these Bylaws.

ARTICLE IV: OFFICERS

Section 4.1: Generally. The officers of the Corporation shall consist of a Chief Executive Officer (who may not be the Chairperson of the Board, except pursuant to the last sentence of Section 4.2 hereof, but who may be the President), a Secretary and a Treasurer and may consist of such other officers, including a Chief Financial Officer and one or more Vice Presidents, as may from time to time be appointed by the Board. All officers shall be elected by the Board; provided, however, that the Board may empower the Chief Executive Officer of the Corporation to appoint any officer other than the Chairperson of the Board, the Chief Executive Officer, the President, the Chief Financial Officer or the Treasurer. Each officer shall hold office until such person's successor is appointed or until such person's earlier resignation, death or removal. Any number of offices may be held by the same person. Any officer may resign at any time upon written notice to the Corporation. Any vacancy occurring in any office of the Corporation by death, resignation, removal or otherwise may be filled by the Board.

Section 4.2: Chief Executive Officer. Subject to the control of the Board and such supervisory powers, if any, as may be given by the Board, the powers and duties of the Chief Executive Officer of the Corporation are:

(a) To act as the general manager and, subject to the control of the Board, to have general supervision, direction and control of the business and affairs of the Corporation;

(b) Subject to Article I, Section 1.6, to preside at all meetings of the stockholders;

(c) Subject to Article I, Section 1.2, to call special meetings of the stockholders to be held at such times and, subject to the limitations prescribed by law or by these Bylaws, at such places as he or she shall deem proper;

(d) To affix the signature of the Corporation to all deeds, conveyances, mortgages, guarantees, leases, obligations, bonds, certificates and other papers and instruments in writing which have been authorized by the Board or which, in the judgment of the Chief Executive Officer, should be executed on behalf of the Corporation; to sign certificates for shares of stock of the Corporation; and, subject to the direction of the Board, to have general charge of the property of the Corporation and to supervise and control all officers, agents and employees of the Corporation; and

(e) To vote and otherwise act on, or to authorize any officer to vote or otherwise act on, on behalf of the Corporation, in person or by proxy, at any meeting of stockholders of or with respect to any action of stockholders of any other corporation in which this Corporation may hold securities and otherwise to exercise, or authorize any officer otherwise to exercise, any and all rights and powers which this Corporation may possess by reason of its ownership of securities in such other corporation.

The President shall be the Chief Executive Officer of the Corporation unless the Board shall designate another officer to be the Chief Executive Officer. If there is no President, and the Board has not designated any other officer to be the Chief Executive Officer, then the Chairperson of the Board shall be the Chief Executive Officer.

Section 4.3: Chairperson of the Board. The Chairperson of the Board shall have the power to preside at all meetings of the Board and shall have such other powers and duties as provided in these Bylaws and as the Board may from time to time prescribe.

Section 4.4: President. The Chief Executive Officer shall be the President of the Corporation unless the Board shall have designated one individual as the President and a different individual as the Chief Executive Officer of the Corporation. Subject to the provisions of these Bylaws and to the direction of the Board, and subject to the supervisory powers of the Chief Executive Officer (if the Chief Executive Officer is an officer other than the President), and subject to such supervisory powers and authority as may be given by the Board to the Chairperson of the Board, and/or to any other officer, the President shall have the responsibility for the general management and control of the business and affairs of the Corporation and the general supervision and direction of all of the officers, employees and agents of the Corporation (other than the Chief Executive Officer, if the Chief Executive Officer is an officer other than the President) and shall perform all duties and have all powers that are commonly incident to the office of President or that are delegated to the President by the Board.

Section 4.5: Vice President. Each Vice President shall have all such powers and duties as are commonly incident to the office of Vice President, or that are delegated to him or her by the Board or the Chief Executive Officer. A Vice President may be designated by the Board to perform the duties and exercise the powers of the Chief Executive Officer in the event of the Chief Executive Officer's absence or disability.

Section 4.6: Chief Financial Officer. The Chief Financial Officer shall be the Treasurer of the Corporation unless the Board shall have designated another officer as the Treasurer of the Corporation. Subject to the direction of the Board and the Chief Executive Officer, the Chief Financial Officer shall perform all duties and have all powers that are commonly incident to the office of Chief Financial Officer.

Section 4.7: Treasurer. The Treasurer shall have custody of all moneys and securities of the Corporation. The Treasurer shall make such disbursements of the funds of the Corporation as are authorized and shall render from time to time an account of all such transactions. The Treasurer shall also perform such other duties and have such other powers as are commonly incident to the office of Treasurer, or as the Board or the Chief Executive Officer may from time to time prescribe.

Section 4.8: Secretary. The Secretary shall issue or cause to be issued all authorized notices for, and shall keep, or cause to be kept, minutes of all meetings of the stockholders and the Board. The Secretary shall have charge of the corporate minute books and similar records and shall perform such other duties and have such other powers as are commonly incident to the office of Secretary, or as the Board or the Chief Executive Officer may from time to time prescribe.

Section 4.9: Delegation of Authority. The Board may from time to time delegate the powers or duties of any officer to any other officers or agents, notwithstanding any provision hereof.

Section 4.10: Removal. Any officer of the Corporation shall serve at the pleasure of the Board and may be removed at any time, with or without cause, by the Board; provided that if the Board has empowered the Chief Executive Officer to appoint any Vice Presidents of the Corporation, then such Vice Presidents may be removed by the Chief Executive Officer. Such removal shall be without prejudice to the contractual rights of such officer, if any, with the Corporation.

ARTICLE V: STOCK

Section 5.1: Certificates. The shares of capital stock of the Corporation shall be represented by certificates; provided, however, that the Board may provide by resolution or resolutions that some or all of any or all classes or series of its stock may be uncertificated shares. Notwithstanding the adoption of such resolution by the Board, each holder of stock that is a certificated security shall be entitled to have a certificate signed by or in the name of the Corporation by the Chairperson or Vice-Chairperson of the Board, or the President or a Vice President, and by the Treasurer or an Assistant Treasurer, or the Secretary or an Assistant Secretary, of the Corporation, certifying the number of shares owned by such stockholder in the Corporation. Any or all of the signatures on the certificate may be a facsimile. In case any officer, transfer agent or registrar who has signed or whose facsimile signature has been placed upon a certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Corporation with the same effect as if such person were an officer, transfer agent or registrar at the date of issue.

Section 5.2: Lost, Stolen or Destroyed Stock Certificates; Issuance of New Certificates or Uncertificated Shares. The Corporation may issue a new certificate of stock, or uncertificated shares, in the place of any certificate previously issued by it, alleged to have been lost, stolen or destroyed, upon the making of an affidavit of that fact by the person claiming the certificate of stock to be lost, stolen or destroyed, and the Corporation may require the owner of the lost, stolen or destroyed certificate, or such owner's legal representative, to agree to indemnify the Corporation and/or to give the Corporation a bond sufficient to indemnify it, against any claim that may be made against it on account of the alleged loss, theft or destruction of any such certificate or the issuance of such new certificate.

Section 5.3: Other Regulations. The issue, transfer, conversion and registration of stock certificates and uncertificated securities shall be governed by such other regulations as the Board may establish.

ARTICLE VI: INDEMNIFICATION

Section 6.1: Indemnification of Officers and Directors. Each person who was or is made a party to, or is threatened to be made a party to, or is involved in any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (a "**Proceeding**"), by reason of the fact that such person (or a person of whom such person is the legal representative), is or was a member of the Board or officer of the Corporation or a Reincorporated Predecessor (as defined below) or is or was serving at the request of the Corporation or a Reincorporated Predecessor as a member of the board of directors, officer or trustee of another corporation, or of a partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans (for purposes of this Article VI, an "**Indemnitee**"), shall be indemnified and held harmless by the Corporation to the fullest extent permitted by applicable law as the same exists or may hereafter be amended (but, in the case of any such amendment, only to the extent that such amendment permits the Corporation to provide broader indemnification rights than such law permitted the Corporation to provide prior to such amendment), against all expenses, liability and loss (including attorneys' fees, judgments, fines, ERISA excise taxes and penalties and amounts paid or to be paid in settlement) reasonably incurred or suffered by such Indemnitee in connection therewith, provided such Indemnitee acted in good faith and in a manner that the Indemnitee reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or Proceeding, had no reasonable cause to believe the Indemnitee's conduct was unlawful. Such indemnification shall continue as to an Indemnitee who has ceased to be a director or officer and shall inure to the benefit of such Indemnitees' heirs, executors and administrators. Notwithstanding the foregoing, the Corporation shall indemnify any such Indemnitee seeking indemnity in connection with a Proceeding (or part thereof) initiated by such Indemnitee only if such Proceeding (or part thereof) was authorized by the Board or such indemnification is authorized by an agreement approved by the Board. As used herein, the term the "**Reincorporated Predecessor**" means (a) a corporation that is merged with and into the Corporation in a statutory merger where (i) the Corporation is the surviving corporation of such merger; (ii) the primary purpose of such merger is to change the corporate domicile of the Reincorporated Predecessor to Delaware or (b) a limited liability company that is converted into a Delaware Corporation pursuant to DGCL § 265. To the extent that a present or former director or officer of the corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding described in this Section 6.1 or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith.

Section 6.2: Advancement of Expenses. Except as otherwise provided in a written indemnification agreement between the Corporation and an Indemnatee, the Corporation shall pay all reasonable expenses (including attorneys' fees) incurred by such an Indemnatee in defending any such Proceeding as they are incurred in advance of its final disposition; *provided, however,* that if the DGCL then so requires, the payment of such expenses incurred by such Indemnatee in advance of the final disposition of such Proceeding shall be made only upon delivery to the Corporation of an undertaking, by or on behalf of such Indemnatee, to repay all amounts so advanced if it should be determined ultimately by final judicial decision from which there is no appeal that such Indemnatee is not entitled to be indemnified under this Article VI or otherwise. Expenses (including attorneys' fees) actually and reasonably incurred by an officer or director of the corporation in defending any Proceeding shall be paid by the corporation in advance of the final disposition of such Proceeding upon receipt of a written request therefor (together with documentation reasonably evidencing such expenses) and an undertaking by or on behalf of the person to repay such amounts if it shall ultimately be determined that the person is not entitled to be indemnified under this Article VI or the DGCL. Such expenses (including attorneys' fees) incurred by former directors and officers or other employees and agents of the corporation or by persons serving at the request of the corporation as directors, officers, employees or agents of another corporation, partnership, joint venture, trust or other enterprise may be so paid upon such terms and conditions, if any, as the corporation deems appropriate. The right to advancement of expenses shall not apply to any claim for which indemnity is excluded pursuant to these bylaws, but shall apply to any Proceeding referenced in Section 6.1 prior to a determination that the person is not entitled to be indemnified by the corporation. Any advances of expenses or undertakings to repay pursuant to this Section 6.2 shall be unsecured, interest free and without regard to Indemnatee's ability to pay.

Section 6.3: Non-Exclusivity of Rights. The rights conferred on any person in this Article VI shall not be exclusive of any other right that such person may have or hereafter acquire under any statute, provision of the Certificate of Incorporation, Bylaw, agreement, vote or consent of stockholders or disinterested directors, or otherwise. Additionally, nothing in this Article VI shall limit the ability of the Corporation, in its discretion, to indemnify or advance expenses to persons whom the Corporation is not obligated to indemnify or advance expenses pursuant to this Article VI.

Section 6.4: Indemnification Contracts. The Board is authorized to cause the Corporation to enter into indemnification contracts with any director, officer, employee or agent of the Corporation, or any person serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, including employee benefit plans, that provide indemnification or advancement rights to such person. Such rights may be greater than those provided in this Article VI.

Section 6.5: Right of Indemnatee to Bring Suit. The following shall apply to the extent not in conflict with any indemnification contract provided for in Section 6.4 above.

6.5.1 Right to Bring Suit. If a claim under Section 6.1 or 6.2 of this Article VI is not paid in full by the Corporation within ninety (90) days after a written claim has been received by the Corporation, the Indemnatee may at any time thereafter bring suit against the Corporation to recover the unpaid amount of the claim. If successful in whole or in part in any such suit, or in a suit brought by the Corporation to recover an advancement of expenses pursuant to the terms of an undertaking, the Indemnatee shall be entitled to be paid also the expense of prosecuting or defending such suit. In (a) any suit brought by the Indemnatee to enforce a right to indemnification hereunder (but not in a suit brought by the Indemnatee to enforce a right to an advancement of expenses) it shall be a defense that, and (b) in any suit brought by the Corporation to recover an advancement of expenses pursuant to the terms of an undertaking, the Corporation shall be entitled to recover such expenses upon a final adjudication that, the Indemnatee has not met any applicable standard for indemnification set forth in applicable law.

6.5.2 Effect of Determination. Neither the failure of the Corporation (including its directors who are not parties to such action, a committee of such directors, independent legal counsel or its stockholders) to have made a determination prior to the commencement of such suit that indemnification of the Indemnatee is proper in the circumstances because the Indemnatee has met the applicable standard of conduct set forth in applicable law, nor an actual determination by the Corporation (including its directors who are not parties to such action, a committee of such directors, independent legal counsel or its stockholders) that the Indemnatee has not met such applicable standard of conduct, shall create a presumption that the Indemnatee has not met the applicable standard of conduct or, in the case of such a suit brought by the Indemnatee, be a defense to such suit.

6.5.3 **Burden of Proof.** In any suit brought by the Indemnitee to enforce a right to indemnification or to an advancement of expenses hereunder, or brought by the Corporation to recover an advancement of expenses pursuant to the terms of an undertaking, the burden of proving that the Indemnitee is not entitled to be indemnified, or to such advancement of expenses, under this Article VI, or otherwise, shall be on the Corporation.

Section 6.6: Nature of Rights. The rights conferred upon Indemnitees in this Article VI shall be contract rights and such rights shall continue as to an Indemnitee who has ceased to be a director, officer or trustee and shall inure to the benefit of the Indemnitee's heirs, executors and administrators. Any amendment, repeal or modification of any provision of this Article VI that adversely affects any right of an Indemnitee or an Indemnitee's successors shall be prospective only, and shall not adversely affect any right or protection conferred on a person pursuant to this Article VI and existing at the time of such amendment, repeal or modification.

Section 6.7: Insurance. The corporation may purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against such person and incurred by such person in any such capacity, or arising out of such person's status as such, whether or not the corporation would have the power to indemnify such person against such liability under the provisions of the DGCL.

Section 6.8: Indemnification for Successful Defense. To the extent that an Indemnitee has been successful on the merits or otherwise in defense of any Proceeding (or in defense of any claim, issue or matter therein), such Indemnitee shall be indemnified under this Section 6.8 against expenses (including attorneys' fees) actually and reasonably incurred in connection with such defense. Indemnification under this Section 6.8 shall not be subject to satisfaction of a standard of conduct, and the Corporation may not assert the failure to satisfy a standard of conduct as a basis to deny indemnification or recover amounts advanced, including in a suit brought pursuant to Section 6.5 (notwithstanding anything to the contrary therein); provided, however, that, any Indemnitee who is not a current or former director or officer (as such term is defined in the final sentence of Section 145(c)(1) of the DGCL) shall be entitled to indemnification under Section 6.1 and this Section 6.8 only if such Indemnitee has satisfied the standard of conduct required for indemnification under Section 145(a) or Section 145(b) of the DGCL.

ARTICLE VII: NOTICES

Section 7.1: Notice.

7.1.1 **Form and Delivery.** Except as otherwise required by law, notice may be given in writing directed to a stockholder's mailing address as it appears on the records of the Corporation and shall be given: (a) if mailed, when notice is deposited in the U.S. mail, postage prepaid; and (b) if delivered by courier service, the earlier of when the notice is received or left at such stockholder's address. So long as the Corporation is subject to the Securities and Exchange Commission's proxy rules set forth in Regulation 14A under the Exchange Act, notice shall be given in the manner required by such rules. To the extent permitted by such rules, or if the Corporation is not subject to Regulation 14A, notice may be given by electronic transmission directed to the stockholder's electronic mail address, and if so given, shall be given when directed to such stockholder's electronic mail address unless the stockholder has notified the Corporation in writing or by electronic transmission of an objection to receiving notice by electronic mail or such notice is prohibited by Section 232(e) of the DGCL. If notice is given by electronic mail, such notice shall comply with the applicable provisions of Sections 232(a) and 232(d) of the DGCL. Notice may be given by other forms of electronic transmission with the consent of a stockholder in the manner permitted by Section 232(b) of the DGCL and shall be deemed given as provided therein.

7.1.2 **Affidavit of Giving Notice.** An affidavit of the Secretary or an Assistant Secretary or of the transfer agent or other agent of the Corporation that the notice has been given shall, in the absence of fraud, be prima facie evidence of the facts stated therein.

Section 7.2: Waiver of Notice. Whenever notice is required to be given under any provision of the DGCL, the Certificate of Incorporation or these Bylaws, a written waiver of notice, signed by the person entitled to notice, or waiver by electronic transmission by such person, whether before or after the time stated therein, shall be deemed equivalent to notice. Attendance of a person at a meeting shall constitute a waiver of notice of such meeting, except when the person attends a meeting for the express purpose of objecting at the beginning of the meeting to the transaction of any business because the meeting is not lawfully called or convened. Neither the business to be transacted at, nor the purpose of, any regular or special meeting of the stockholders, directors or members of a committee of directors need be specified in any waiver of notice.

ARTICLE VIII: INTERESTED DIRECTORS

Section 8.1: Interested Directors. No contract or transaction between the Corporation and one or more of its members of the Board or officers, or between the Corporation and any other corporation, partnership, association or other organization in which one or more of its directors or officers are members of the board of directors or officers, or have a financial interest, shall be void or voidable solely for this reason, or solely because the director or officer is present at or participates in the meeting of the Board or committee thereof that authorizes the contract or transaction, or solely because his, her or their votes are counted for such purpose, if: (a) the material facts as to his, her or their relationship or interest and as to the contract or transaction are disclosed or are known to the Board or the committee, and the Board or committee in good faith authorizes the contract or transaction by the affirmative votes of a majority of the disinterested directors, even though the disinterested directors be less than a quorum; (b) the material facts as to his, her or their relationship or interest and as to the contract or transaction are disclosed or are known to the stockholders entitled to vote thereon, and the contract or transaction is specifically approved in good faith by vote of the stockholders; or (c) the contract or transaction is fair as to the Corporation as of the time it is authorized, approved or ratified by the Board, a committee thereof, or the stockholders.

Section 8.2: Quorum. Interested directors may be counted in determining the presence of a quorum at a meeting of the Board or of a committee which authorizes the contract or transaction.

ARTICLE IX: MISCELLANEOUS

Section 9.1: Fiscal Year. The fiscal year of the Corporation shall be determined by resolution of the Board.

Section 9.2: Seal. The Board may provide for a corporate seal, which may have the name of the Corporation inscribed thereon and shall otherwise be in such form as may be approved from time to time by the Board.

Section 9.3: Form of Records. Any records maintained by the Corporation in the regular course of its business, including its stock ledger, books of account and minute books, may be kept on or by means of, or be in the form of, diskettes, CDs, or any other information storage device or method, provided that the records so kept can be converted into clearly legible paper form within a reasonable time. The Corporation shall so convert any records so kept upon the request of any person entitled to inspect such records pursuant to any provision of the DGCL.

Section 9.4: Reliance upon Books and Records. A member of the Board, or a member of any committee designated by the Board shall, in the performance of such person's duties, be fully protected in relying in good faith upon records of the Corporation and upon such information, opinions, reports or statements presented to the Corporation by any of the Corporation's officers or employees, or committees of the Board, or by any other person as to matters the member reasonably believes are within such other person's professional or expert competence and who has been selected with reasonable care by or on behalf of the Corporation.

Section 9.5: Certificate of Incorporation Governs. In the event of any conflict between the provisions of the Certificate of Incorporation and Bylaws, the provisions of the Certificate of Incorporation shall govern.

Section 9.6: Severability. If any provision of these Bylaws shall be held to be invalid, illegal, unenforceable or in conflict with the provisions of the Certificate of Incorporation, then such provision shall nonetheless be enforced to the maximum extent possible consistent with such holding and the remaining provisions of these Bylaws (including without limitation, all portions of any section of these Bylaws containing any such provision held to be invalid, illegal, unenforceable or in conflict with the Certificate of Incorporation, that are not themselves invalid, illegal, unenforceable or in conflict with the Certificate of Incorporation) shall remain in full force and effect.

ARTICLE X: AMENDMENT

Notwithstanding any other provision of these Bylaws, any amendment or repeal of these Bylaws, or adoption of Bylaws, shall require the approval of the Board or the stockholders of the Corporation as provided in the Certificate of Incorporation.

ARTICLE XI: EXCLUSIVE FORUM

Unless the Corporation consents in writing to the selection of an alternative forum, to the fullest extent permitted by law, the federal district courts of the United States shall be the exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act of 1933, as amended.

Any person or entity purchasing or otherwise acquiring or holding any interest in any security of the Corporation shall be deemed to have notice of and consented to the provisions of this Article XI.

CERTIFICATION
OF
AMENDED AND RESTATED BYLAWS
OF
AEGLEA BIOTHERAPEUTICS, INC.
(a Delaware corporation)

I, James Kastenmayer, certify that I am the General Counsel and Secretary of Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Corporation**”), that I am duly authorized to make and deliver this certification, that the attached Bylaws are a true and complete copy of the Amended and Restated Bylaws of the Corporation in effect as of the date of this certificate.

Date: December 15, 2022

/s/ James Kastenmayer

James Kastenmayer
General Counsel and Secretary

AEGLEA BIOTHERAPEUTICS, INC.

**CERTIFICATE OF DESIGNATION OF PREFERENCES,
RIGHTS AND LIMITATIONS
OF
SERIES A NON-VOTING CONVERTIBLE PREFERRED STOCK**

Pursuant to Section 151 of the
General Corporation Law of the State of Delaware

THE UNDERSIGNED DOES HEREBY CERTIFY, on behalf of Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Corporation**”), that the following resolution was duly adopted by the Board of Directors of the Corporation (the “**Board of Directors**”), in accordance with the provisions of Section 151 of the General Corporation Law of the State of Delaware (the “**DGCL**”), at a meeting duly called and held on June 21, 2023, which resolution provides for the creation of a series of the Corporation’s Preferred Stock, par value \$0.0001 per share, which is designated as “Series A Non-Voting Convertible Preferred Stock,” with the preferences, rights and limitations set forth therein relating to dividends, conversion, redemption, dissolution and distribution of assets of the Corporation.

WHEREAS: the Restated Certificate of Incorporation of the Corporation (the “**Certificate of Incorporation**”), provides for a class of its authorized stock known as Preferred Stock, consisting of 10,000,000 shares, \$0.0001 par value per share (the “**Preferred Stock**”), issuable from time to time in one or more series.

RESOLVED: that, pursuant to authority conferred upon the Board of Directors by the Certificate of Incorporation, (i) a series of Preferred Stock of the Corporation be, and hereby is authorized by the Board of Directors, (ii) the Board of Directors hereby authorizes the issuance of 1,086,341 shares of “Series A Non-Voting Convertible Preferred Stock” pursuant to the terms of (a) the Securities Purchase Agreement, dated as of the date hereof, by and among the Corporation and the initial Holders (as defined below) (the “**Purchase Agreement**”) and (b) the Agreement and Plan of Merger, dated as of the date hereof, by and among the Corporation, Aspen Merger Sub I, Inc., a Delaware corporation and wholly owned subsidiary of Parent, Sequoia Merger Sub II, LLC, a Delaware limited liability company and wholly owned subsidiary of Parent and Spyre Therapeutics, Inc. (the “**Merger Agreement**”), and (iii) the Board of Directors hereby fixes the designations, powers, preferences and relative, participating, optional or other special rights, and the qualifications, limitations or restrictions thereof, of such shares of Preferred Stock, in addition to any provisions set forth in the Certificate of Incorporation that are applicable to the Preferred Stock of all classes and series, as follows:

TERMS OF SERIES A NON-VOTING CONVERTIBLE PREFERRED STOCK

1. **Definitions.** For the purposes hereof, the following terms shall have the following meanings:

“**Business Day**” means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in the State of New York are authorized or required by law or other governmental action to close.

“**Buy-In**” shall have the meaning set forth in Section 6.5.4.

“**Closing Sale Price**” means, for any security as of any date, the last closing trade price for such security immediately prior to 4:00 p.m., New York City time, on the principal Trading Market where such security is listed or traded, as reported by Bloomberg, L.P. (or an equivalent, reliable reporting service), or if the foregoing do not apply, the last trade price of such security in the over-the-counter market on the electronic bulletin board for such

security as reported by Bloomberg, L.P., or, if no last trade price is reported for such security by Bloomberg, L.P., the average of the bid prices of any market makers for such security as reported on the OTC Pink Market by OTC Markets Group, Inc. If the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Sale Price of such security on such date shall be the fair market value as determined in good faith by the Board of Directors of the Corporation.

“**Commission**” means the United States Securities and Exchange Commission.

“**Common Stock**” means the Corporation’s common stock, par value \$0.0001 per share, and stock of any other class of securities into which such securities may hereafter be reclassified or changed.

“**Conversion Shares**” means, collectively, the shares of Common Stock issuable upon conversion of the shares of Series A Non-Voting Preferred Stock in accordance with the terms hereof.

“**Exchange Act**” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“**Holder**” means a holder of shares of Series A Non-Voting Preferred Stock.

“**Person**” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“**Trading Day**” means a day on which the principal Trading Market is open for business.

“**Trading Market**” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, or the New York Stock Exchange (or any successors to any of the foregoing).

2. **Designation, Amount and Par Value.** The series of Preferred Stock shall be designated as the Corporation’s Series A Non-Voting Convertible Preferred Stock (the “**Series A Non-Voting Preferred Stock**”) and the number of shares so designated shall be 1,086,341. Each share of Series A Non-Voting Preferred Stock shall have a par value of \$0.0001 per share.

3. **Dividends.** Holders shall be entitled to receive, and the Corporation shall pay, dividends on shares of the Series A Non-Voting Preferred Stock (on an as-if-converted-to-Common-Stock basis, without regard to the Beneficial Ownership Limitation (as defined below)) equal to and in the same form, and in the same manner, as dividends (other than dividends on shares of the Common Stock payable in the form of Common Stock) actually paid on shares of the Common Stock when, as and if such dividends (other than dividends payable in the form of Common Stock) are paid on shares of the Common Stock; provided, however, in no event shall Holders of Series A Non-Voting Preferred Stock be entitled to receive the “rights” distributed pursuant to that certain Contingent Value Rights Agreement dated as of June 22, 2023 by and between the Corporation and American Stock Transfer & Trust Company, LLC, as may be amended from time to time (the “CVR Agreement”), or any amounts paid under the CVR Agreement. Other than as set forth in the previous sentence, no other dividends shall be paid on shares of Series A Non-Voting Preferred Stock, and the Corporation shall pay no dividends (other than dividends payable in the form of Common Stock) on shares of the Common Stock unless it simultaneously complies with the previous sentence.

4. **Voting Rights.**

4.1 Except as otherwise provided herein or as otherwise required by the DGCL, the Series A Non-Voting Preferred Stock shall have no voting rights. However, as long as any shares of Series A Non-Voting Preferred Stock are outstanding, the Corporation shall not, without the affirmative vote of the holders of a majority of the then outstanding shares of the Series A Non-Voting Preferred Stock: (i) alter or change adversely

the powers, preferences or rights given to the Series A Non-Voting Preferred Stock or alter or amend this Certificate of Designation, amend or repeal any provision of, or add any provision to, the Certificate of Incorporation or Amended and Restated Bylaws of the Corporation, or file any articles of amendment, certificate of designations, preferences, limitations and relative rights of any series of Preferred Stock, if such action would adversely alter or change the preferences, rights, privileges or powers of, or restrictions provided for the benefit of the Series A Non-Voting Preferred Stock, regardless of whether any of the foregoing actions shall be by means of amendment to the Certificate of Incorporation or by merger, consolidation, recapitalization, reclassification, conversion or otherwise, (ii) issue further shares of Series A Non-Voting Preferred Stock or increase or decrease (other than by conversion) the number of authorized shares of Series A Non-Voting Preferred Stock, (iii) prior to the Stockholder Approval (as defined below) or at any time while at least 30% of the originally issued Series A Non-Voting Preferred Stock remains issued and outstanding, consummate either: (A) any Fundamental Transaction (as defined below) or (B) any merger or consolidation of the Corporation with or into another entity or any stock sale to, or other business combination in which the stockholders of the Corporation immediately before such transaction do not hold at least a majority of the capital stock of the Corporation immediately after such transaction or (iv) enter into any agreement with respect to any of the foregoing. Holders of shares of Common Stock acquired upon the conversion of shares of Series A Non-Voting Preferred Stock shall be entitled to the same voting rights as each other holder of Common Stock, except that such holders may not vote such shares upon the proposal for Stockholder Approval in accordance with Rule 5635 of the listing rules of The Nasdaq Stock Market LLC.

4.2 Any vote required or permitted under Section 4.1 may be taken at a meeting of the Holders or through the execution of an action by written consent in lieu of such meeting, provided that the consent is executed by Holders representing a majority of the outstanding shares of Series A Non-Voting Preferred Stock.

5. Rank; Liquidation.

5.1 The Series A Non-Voting Preferred Stock shall rank on parity with the Common Stock as to distributions of assets upon liquidation, dissolution or winding up of the Corporation, whether voluntarily or involuntarily.

5.2 Upon any liquidation, dissolution or winding-up of the Corporation, whether voluntary or involuntary (a “**Liquidation**”), each Holder shall be entitled to receive out of the assets, whether capital or surplus, of the Corporation the same amount that a holder of Common Stock would receive if the Series A Non-Voting Preferred Stock were fully converted (disregarding for such purpose any Beneficial Ownership Limitations) to Common Stock which amounts shall be paid *pari passu* with all holders of Common Stock, plus an additional amount equal to any dividends declared on but unpaid to such shares. If, upon any such Liquidation, the assets of the Corporation shall be insufficient to pay the Holders of shares of the Series A Non-Voting Preferred Stock the amount required under the preceding sentence, then all remaining assets of the Corporation shall be distributed ratably to the Holders and the holders of Common Stock in accordance with the respective amounts that would be payable on all such securities if all amounts payable thereon were paid in full. For the avoidance of any doubt, a Fundamental Transaction shall not be deemed a Liquidation unless the Corporation expressly declares that such Fundamental Transaction shall be treated as if it were a Liquidation.

6. Conversion.

6.1 Automatic Conversion on Stockholder Approval. Effective as of 5:00 p.m. Eastern time on the third Business Day after the date that the Corporation’s stockholders approve the conversion of the Series A Non-Voting Preferred Stock into shares of Common Stock in accordance with the listing rules of the Nasdaq Stock Market, as set forth in Section 4.1 of the Merger Agreement (the “**Stockholder Approval**”), each share of Series A Non-Voting Preferred Stock then outstanding shall automatically convert into a number of shares of Common Stock equal to the Conversion Ratio (as defined below), subject to the Beneficial Ownership Limitation (the “**Automatic Conversion**”). The Corporation shall inform each Holder of the occurrence of the Stockholder

Approval within one Business Day of such Stockholder Approval. In determining the application of the Beneficial Ownership Limitations solely with respect to the Automatic Conversion, the Corporation shall calculate beneficial ownership for each Holder assuming beneficial ownership by such Holder of: (x) the number of shares of Common Stock issuable to such Holder in such Automatic Conversion, plus (y) any additional shares of Common Stock for which a Holder has provided the Corporation with prior written notice of beneficial ownership within 30 days prior to the date of Stockholder Approval (a “**Beneficial Ownership Statement**”) and assuming the conversion of all shares of Series A Non-Voting Preferred Stock held by all other Holders less the aggregate number of shares of Series A Non-Voting Preferred Stock held by all other Holders that will not convert into shares of Common Stock on account of the application of any Beneficial Ownership Limitations applicable to any such other Holders. If a Holder fails to provide the Corporation with a Beneficial Ownership Statement within 30 days prior to the date of Stockholder Approval, then the Corporation shall presume the Holder’s beneficial ownership of Common Stock (excluding the Conversion Shares) to be zero. The shares of Series A Non-Voting Preferred Stock that are converted in the Automatic Conversion are referred to as the “**Converted Stock**”. The Conversion Shares shall be issued as follows:

6.1.1 Converted Stock that is registered in book entry form shall be automatically cancelled upon the Automatic Conversion and converted into the corresponding Conversion Shares, which shares shall be issued in book entry form and without any action on the part of the Holders and shall be delivered to the Holders within one Business Day of the effectiveness of the Automatic Conversion.

6.1.2 Converted Stock that is issued in certificated form shall be deemed converted into the corresponding Conversion Shares on the date of Automatic Conversion and the Holder’s rights as a holder of such shares of Converted Stock shall cease and terminate on such date, excepting only the right to receive the Conversion Shares upon the Holder tendering to the Corporation (or its designated agent) the stock certificate(s) (duly endorsed) representing such certificated Converted Stock.

6.1.3 Notwithstanding the cancellation of the Converted Stock upon the Automatic Conversion, Holders of Converted Stock shall continue to have any remedies provided herein or otherwise available at law or in equity to such Holder because of a failure by the Corporation to comply with the terms of this Certificate of Designation. In all cases, the Holder shall retain all of its rights and remedies for the Corporation’s failure to convert the Converted Stock.

6.2 Conversion at Option of Holder. Subject to Section 6.1, Section 6.4 and Section 6.5.3, each share of Series A Non-Voting Preferred Stock then outstanding shall be convertible, at any time and from time to time following 5:00 p.m. Eastern time on the third Business Day after the date that the Stockholder Approval is obtained by the Corporation, at the option of the Holder thereof, into a number of shares of Common Stock equal to the Conversion Ratio, subject to the Beneficial Ownership Limitation (each, an “**Optional Conversion**”). Holders shall effect conversions by providing the Corporation with the form of conversion notice attached hereto as Annex A (a “**Notice of Conversion**”), duly completed and executed. Provided the Corporation’s transfer agent is participating in the Depository Trust Company (“**DTC**”) Fast Automated Securities Transfer program, the Notice of Conversion may specify, at the Holder’s election, whether the applicable Conversion Shares shall be credited to the account of the Holder’s prime broker with DTC through its Deposit Withdrawal Agent Commission system (a “**DWAC Delivery**”). The date on which an Optional Conversion shall be deemed effective (the “**Conversion Date**”) shall be the Trading Day that the Notice of Conversion, completed and executed, is sent via email to, and received during regular business hours by, the Corporation; provided, that the original certificate(s) (if any) representing such shares of Series A Non-Voting Preferred Stock being converted, duly endorsed, and the accompanying Notice of Conversion, are received by the Corporation within two (2) Trading Days thereafter. In all other cases, the Conversion Date shall be defined as the Trading Day on which the original certificate(s) (if any) representing such shares of Series A Non-Voting Preferred Stock being converted, duly endorsed, and the accompanying Notice of Conversion, are received by the Corporation. The calculations set forth in the Notice of Conversion shall control in the absence of manifest or mathematical error.

6.3 **Conversion Ratio.** The “**Conversion Ratio**” for each share of Series A Non-Voting Preferred Stock shall be 1,000 shares of Common Stock issuable upon the conversion (the “**Conversion**”) of each share of Series A Non-Voting Preferred Stock (corresponding to a ratio of 1,000:1), subject to adjustment as provided herein.

6.4 **Beneficial Ownership Limitation.** Notwithstanding anything herein to the contrary, the Corporation shall not effect any conversion of any share of Series A Non-Voting Preferred Stock, including pursuant to Section 6.1, and a Holder shall not have the right to convert any portion of the Series A Non-Voting Preferred Stock pursuant to Section 6.2, to the extent that, after giving effect to such attempted conversion set forth on an applicable Notice of Conversion (as defined in the Certificate of Designation) with respect to the Series A Preferred Stock, such Holder (or any of such Holder’s Affiliates or any other Person who would be a beneficial owner of Common Stock beneficially owned by the Holder for purposes of Section 13(d) or Section 16 of the Exchange Act and the applicable rules and regulations of the Commission, including any “group” of which the Holder is a member (the foregoing, “**Attribution Parties**”)) would beneficially own a number of shares of Common Stock in excess of the Beneficial Ownership Limitation. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by such Holder and its Attribution Parties shall include the number of shares of Common Stock issuable upon conversion of the Series A Non-Voting Preferred Stock subject to the Notice of Conversion or the Automatic Conversion, as applicable, with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which are issuable upon (A) conversion of the remaining, unconverted Series A Non-Voting Preferred Stock beneficially owned by such Holder or any of its Attribution Parties, and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Corporation (including any warrants) beneficially owned by such Holder or any of its Attribution Parties that are subject to and would exceed a limitation on conversion or exercise similar to the limitation contained herein. Except as set forth in the preceding sentence, for purposes of this Section 6.4, beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the applicable rules and regulations of the Commission, and the terms “beneficial ownership” and “beneficially own” have the meanings ascribed to such terms therein. In addition, for purposes hereof, “group” has the meaning set forth in Section 13(d) of the Exchange Act and the applicable rules and regulations of the Commission. For purposes of this Section 6.4, in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as stated in the most recent of the following: (A) the Corporation’s most recent periodic or annual filing with the Commission, as the case may be, (B) a more recent public announcement by the Corporation that is filed with the Commission, or (C) a more recent notice by the Corporation or the Corporation’s transfer agent to the Holder setting forth the number of shares of Common Stock then outstanding. Upon the written request of a Holder (which may be by email), the Corporation shall, within two (2) Trading Days thereof, confirm in writing to such Holder (which may be via email) the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to any actual conversion or exercise of securities of the Corporation, including shares of Series A Non-Voting Preferred Stock, by such Holder or its Attribution Parties since the date as of which such number of outstanding shares of Common Stock was last publicly reported or confirmed to the Holder. The “**Beneficial Ownership Limitation**” shall initially be set at the discretion of each Holder to a percentage designated by such Holder on its signature page to the Purchase Agreement between 0% and 19.9% of the number of shares of the Common Stock outstanding or deemed to be outstanding as of the applicable measurement date, and such percentage shall be set at 19.9% for any Holder that does not make such designation in the Purchase Agreement. The Corporation shall be entitled to rely on representations made to it by the Holder in any Notice of Conversion regarding its Beneficial Ownership Limitation. Notwithstanding the foregoing, by written notice to the Corporation, (i) the Holder may reset the Beneficial Ownership Limitation percentage to a higher percentage, not to exceed 19.9%, which increase will not be effective until the sixty-first (61st) day after such written notice is delivered to the Corporation, and (ii) the Holder may reset the Beneficial Ownership Limitation percentage to a lower percentage provided that such decrease shall not become effective until the later of (x) 5:00 p.m. Eastern time on the third Business Day after the date of the Stockholder Approval and (y) if Stockholder Approval is not obtained within six months after the initial issuance of the Series A Non-Voting Preferred Stock, the date that is three Business Days after the date that is six months after the initial issuance of the

Series A Non-Voting Preferred Stock. Upon such a change by a Holder of the Beneficial Ownership Limitation, not to exceed 19.9%, the Beneficial Ownership Limitation may not be further amended by such Holder without first providing the minimum notice required by this Section 6.4. Notwithstanding the foregoing, at any time following notice of a Fundamental Transaction, the Holder may waive and/or change the Beneficial Ownership Limitation effective immediately upon written notice to the Corporation and may reinstitute a Beneficial Ownership Limitation at any time thereafter effective immediately upon written notice to the Corporation. The provisions of this Section 6.4 shall be construed, corrected and implemented in a manner so as to effectuate the intended Beneficial Ownership Limitation herein contained and the shares of Common Stock underlying the Securities in excess of the Beneficial Ownership Limitation shall not be deemed to be beneficially owned by the Purchaser for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the Exchange Act.

6.5 Mechanics of Conversion.

6.5.1 Delivery of Certificate or Electronic Issuance. Upon Conversion not later than two (2) Trading Days after the applicable Conversion Date, or if the Holder requests the issuance of physical certificate(s), two (2) Trading Days after receipt by the Corporation of the original certificate(s) representing such shares of Series A Non-Voting Preferred Stock being converted, duly endorsed, and the accompanying Notice of Conversion (the “**Share Delivery Date**”), the Corporation shall either: (a) deliver, or cause to be delivered, to the converting Holder a physical certificate or certificates representing the number of Conversion Shares being acquired upon the conversion of shares of Series A Non-Voting Preferred Stock, or (b) in the case of a DWAC Delivery (if so requested by the Holder), electronically transfer such Conversion Shares by crediting the account of the Holder’s prime broker with DTC through its DWAC system. If in the case of any Notice of Conversion such certificate or certificates for the Conversion Shares are not delivered to or as directed by or, in the case of a DWAC Delivery, such shares are not electronically delivered to or as directed by, the applicable Holder by the Share Delivery Date, the applicable Holder shall be entitled to elect to rescind such Notice of Conversion by written notice to the Corporation at any time on or before its receipt of such certificate or certificates for Conversion Shares or electronic receipt of such shares, as applicable, in which event the Corporation shall promptly return to such Holder any original Series A Non-Voting Preferred Stock certificate delivered to the Corporation and such Holder shall promptly return to the Corporation any Common Stock certificates or otherwise direct the return of any shares of Common Stock delivered to the Holder through the DWAC system, representing the shares of Series A Non-Voting Preferred Stock unsuccessfully tendered for conversion to the Corporation.

6.5.2 Obligation Absolute. Subject to Section 6.4 and subject to Holder’s right to rescind a Notice of Conversion pursuant to Section 6.5.1, the Corporation’s obligation to issue and deliver the Conversion Shares upon conversion of Series A Non-Voting Preferred Stock in accordance with the terms hereof are absolute and unconditional, irrespective of any action or inaction by a Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination, or any breach or alleged breach by such Holder or any other Person of any obligation to the Corporation or any violation or alleged violation of law by such Holder or any other Person, and irrespective of any other circumstance which might otherwise limit such obligation of the Corporation to such Holder in connection with the issuance of such Conversion Shares. Subject to Section 6.4 and subject to Holder’s right to rescind a Notice of Conversion pursuant to Section 6.5.1, in the event a Holder shall elect to convert any or all of its Series A Non-Voting Preferred Stock, the Corporation may not refuse conversion based on any claim that such Holder or anyone associated or affiliated with such Holder has been engaged in any violation of law, agreement or for any other reason, unless an injunction from a court, on notice to Holder, restraining and/or enjoining conversion of all or part of the Series A Non-Voting Preferred Stock of such Holder shall have been sought and obtained by the Corporation, and the Corporation posts a surety bond for the benefit of such Holder in the amount of 150% of the value of the Conversion Shares into which would be converted the Series A Non-Voting Preferred Stock which is subject to such injunction, which bond shall remain in effect until the completion of arbitration/litigation of the underlying dispute and the proceeds of which shall be payable to such Holder to the extent it obtains judgment. In the absence of such injunction, the Corporation shall, subject to Section 6.4 and subject to Holder’s right to rescind a Notice of Conversion pursuant to Section 6.5.1, issue Conversion Shares upon a properly noticed conversion.

6.5.3 Cash Settlement. If, at any time after the earlier of Stockholder Approval or six months after the initial issuance of the Series A Non-Voting Preferred Stock, the Corporation fails to deliver to a Holder such certificate or certificates, or electronically deliver (or cause its transfer agent to electronically deliver) such shares in the case of a DWAC Delivery, pursuant to Section 6.5.1 on or prior to the third (3rd) Trading Day after the Share Delivery Date applicable to such conversion (other than a failure caused by (i) materially incorrect or incomplete information provided by Holder to the Corporation or (ii) the application of the Beneficial Ownership Limitation after Stockholder Approval (but, prior to the Stockholder Approval, disregarding for such purpose any Beneficial Ownership Limitation)), then, unless the Holder has rescinded the applicable Notice of Conversion pursuant to Section 6.5.1, the Corporation shall, at the request of the Holder, pay an amount equal to the Fair Value (as defined below) of such undelivered shares, with such payment to be made within two Business Days from the date of request by the Holder, whereupon the Corporation's obligations to deliver such shares underlying the Notice of Conversion shall be extinguished upon payment in full of the Fair Value of such undelivered shares; provided, however that such request shall be presumed to have been made by such Holder if Stockholder Approval shall not have been obtained prior to the date on which the Notice of Conversion is delivered to the Corporation. For purposes of this Section 6.5.3, the "Fair Value" of shares shall be fixed with reference to the last reported Closing Sale Price on the principal Trading Market on which the Common Stock is listed as of the Trading Day immediately prior to the date on which the Notice of Conversion is delivered to the Corporation. For the avoidance of doubt, the cash settlement provisions set forth in this Section 6.5.3 shall be available irrespective of the reason for the Corporation's failure to timely deliver Conversion Shares (other than a failure caused by (i) materially incorrect or incomplete information provided by Holder to the Corporation or (ii) the application of the Beneficial Ownership Limitation after Stockholder Approval (but, prior to the Stockholder Approval, disregarding for such purpose any Beneficial Ownership Limitation)), including due to limitations set forth in Section 6.5.6, the lack of obtaining Stockholder Approval, or due to applicable Trading Market rules.

6.5.4 Buy-In on Failure to Timely Deliver Certificates. If the Corporation fails to deliver to a Holder the applicable certificate or certificates or to effect a DWAC Delivery, as applicable, by the Share Delivery Date pursuant to Section 6.5.1 (other than a failure caused by materially incorrect or incomplete information provided by Holder to the Corporation or the application of the Beneficial Ownership Limitation), and if after such Share Delivery Date such Holder is required by its brokerage firm to purchase (in an open market transaction or otherwise), or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by such Holder of the Conversion Shares which such Holder was entitled to receive upon the conversion relating to such Share Delivery Date (a "**Buy-In**"), then the Corporation shall (A) pay in cash to such Holder (in addition to any other remedies available to or elected by such Holder) the amount by which (x) such Holder's total purchase price (including any brokerage commissions) for the shares of Common Stock so purchased exceeds (y) the product of (1) the aggregate number of shares of Common Stock that such Holder was entitled to receive from the conversion at issue multiplied by (2) the actual sale price at which the sell order giving rise to such purchase obligation was executed (including any brokerage commissions) and (B) at the option of such Holder, either reissue (if surrendered) the shares of Series A Non-Voting Preferred Stock equal to the number of shares of Series A Non-Voting Preferred Stock submitted for conversion or deliver to such Holder the number of shares of Common Stock that would have been issued if the Corporation had timely complied with its delivery requirements under Section 6.5.1. For example, if a Holder purchases shares of Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted conversion of shares of Series A Non-Voting Preferred Stock with respect to which the actual sale price (including any brokerage commissions) giving rise to such purchase obligation was a total of \$10,000 under clause (A) of the immediately preceding sentence, the Corporation shall be required to pay such Holder \$1,000. The Holder shall provide the Corporation written notice, within three (3) Trading Days after the occurrence of a Buy-In, indicating the amounts payable to such Holder in respect of such Buy-In together with applicable confirmations and other evidence reasonably requested by the

Corporation. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Corporation's failure to timely deliver certificates representing shares of Common Stock upon conversion of the shares of Series A Non-Voting Preferred Stock as required pursuant to the terms hereof or the cash settlement remedy set forth in Section 6.5.3; provided, however, that the Holder shall not be entitled to both (i) require the reissuance of the shares of Series A Non-Voting Preferred Stock submitted for conversion for which such conversion was not timely honored and (ii) receive the number of shares of Common Stock that would have been issued if the Corporation had timely complied with its delivery requirements under Section 6.5.1.

6.5.5 Reservation of Shares Issuable Upon Conversion. The Corporation covenants that at all times it will reserve and keep available out of its authorized and unissued shares of Common Stock for the sole purpose of issuance upon conversion of the Series A Non-Voting Preferred Stock, free from preemptive rights or any other actual contingent purchase rights of Persons other than the Holders of the Series A Non-Voting Preferred Stock, not less than such aggregate number of shares of the Common Stock as shall be issuable (taking into account the adjustments of Section 7) upon the conversion of all outstanding shares of Series A Non-Voting Preferred Stock. The Corporation covenants that all shares of Common Stock that shall be so issuable shall, upon issue, be duly authorized, validly issued, fully paid and non-assessable.

6.5.6 Fractional Shares. No fractional shares of Common Stock shall be issued upon conversion of the Series A Non-Voting Preferred Stock, no certificates or scrip for any such fractional shares shall be issued and no cash shall be paid for any such fractional shares. Any fractional shares of Common Stock that a Holder of Series A Non-Voting Preferred Stock would otherwise be entitled to receive shall be aggregated with all fractional shares of Common Stock issuable to such Holder and any remaining fractional shares shall be rounded up to the nearest whole share. Whether or not fractional shares would be issuable upon such conversion shall be determined on the basis of the total number of shares of Series A Non-Voting Preferred Stock the Holder is at the time converting into Common Stock and the aggregate number of shares of Common Stock issuable upon such conversion.

6.5.7 Transfer Taxes. The issuance of certificates for shares of the Common Stock upon conversion of the Series A Non-Voting Preferred Stock shall be made without charge to any Holder for any documentary stamp or similar taxes that may be payable in respect of the issue or delivery of such certificates, provided that the Corporation shall not be required to pay any tax that may be payable in respect of any transfer involved in the issuance and delivery of any such certificate upon conversion in a name other than that of the registered Holder(s) of such shares of Series A Non-Voting Preferred Stock and the Corporation shall not be required to issue or deliver such certificates unless or until the Person or Persons requesting the issuance thereof shall have paid to the Corporation the amount of such tax or shall have established to the satisfaction of the Corporation that such tax has been paid.

6.6 Status as Stockholder. Upon each Conversion Date, (i) the shares of Series A Non-Voting Preferred Stock being converted shall be deemed converted into shares of Common Stock and (ii) the Holder's rights as a holder of such converted shares of Series A Non-Voting Preferred Stock shall cease and terminate, excepting only the right to receive certificates for such shares of Common Stock and to any remedies provided herein or otherwise available at law or in equity to such Holder because of a failure by the Corporation to comply with the terms of this Certificate of Designation. In all cases, the Holder shall retain all of its rights and remedies for the Corporation's failure to convert Series A Non-Voting Preferred Stock. In no event shall the Series A Non-Voting Preferred Stock convert into shares of Common Stock prior to the Stockholder Approval.

7. Certain Adjustments.

7.1 Stock Dividends and Stock Splits. If the Corporation, at any time while this Series A Non-Voting Preferred Stock is outstanding: (A) pays a stock dividend or otherwise makes a distribution or distributions payable in shares of Common Stock (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Corporation upon conversion of this Series A Non-Voting Preferred Stock) with respect to the then outstanding shares of Common Stock; (B) subdivides outstanding shares of Common Stock into a larger number of shares; or (C) combines (including by way of a reverse stock split) outstanding shares of Common Stock into a smaller number of shares, then the Conversion Ratio shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding any treasury shares of the Corporation) outstanding immediately after such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately before such event (excluding any treasury shares of the Corporation). Any adjustment made pursuant to this Section 7.1 shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision or combination.

7.2 Fundamental Transaction. If, at any time while this Series A Non-Voting Preferred Stock is outstanding, (A) the Corporation effects any merger or consolidation of the Corporation with or into another Person or any stock sale to, or other business combination (including, without limitation, a reorganization, recapitalization, spin-off, share exchange or scheme of arrangement) with or into another Person (other than such a transaction in which the Corporation is the surviving or continuing entity and its Common Stock is not exchanged for or converted into other securities, cash or property), (B) the Corporation effects any sale, lease, transfer or exclusive license of all or substantially all of its assets in one transaction or a series of related transactions, (C) any tender offer or exchange offer (whether by the Corporation or another Person) is completed pursuant to which more than 50% of the Common Stock not held by the Corporation or such Person is exchanged for or converted into other securities, cash or property, or (D) the Corporation effects any reclassification of the Common Stock or any compulsory share exchange pursuant (other than as a result of a dividend, subdivision or combination covered by Section 7.1) to which the Common Stock is effectively converted into or exchanged for other securities, cash or property (in any such case, a “**Fundamental Transaction**”), then, upon any subsequent conversion of this Series A Non-Voting Preferred Stock the Holders shall have the right to receive, in lieu of the right to receive Conversion Shares, for each Conversion Share that would have been issuable upon such conversion immediately prior to the occurrence of such Fundamental Transaction, the same kind and amount of securities, cash or property as it would have been entitled to receive upon the occurrence of such Fundamental Transaction if it had been, immediately prior to such Fundamental Transaction, the holder of one share of Common Stock (the “**Alternate Consideration**”). For purposes of any such subsequent conversion, the determination of the Conversion Ratio shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Corporation shall adjust the Conversion Ratio in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holders shall be given the same choice as to the Alternate Consideration it receives upon any conversion of this Series A Non-Voting Preferred Stock following such Fundamental Transaction. To the extent necessary to effectuate the foregoing provisions, any successor to the Corporation or surviving entity in such Fundamental Transaction shall file a new certificate of designations with the same terms and conditions and issue to the Holders new preferred stock consistent with the foregoing provisions and evidencing the Holders’ right to convert such preferred stock into Alternate Consideration. The terms of any agreement to which the Corporation is a party and pursuant to which a Fundamental Transaction is effected shall include terms requiring any such successor or surviving entity to comply with the provisions of this Section 7.2 and insuring that this Series A Non-Voting Preferred Stock (or any such replacement security) will be similarly adjusted upon any subsequent transaction analogous to a Fundamental Transaction. The Corporation shall cause to be delivered to each Holder, at its last address as it shall appear upon the stock books of the Corporation, written notice of any Fundamental Transaction at least 20 calendar days prior to the date on which such Fundamental Transaction is expected to become effective or close. Notwithstanding anything to the contrary herein, the Corporation’s disposition of certain assets pursuant to the CVR Agreement shall not constitute a Fundamental Transaction.

7.3 Calculations. All calculations under this Section 7 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 7, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding any treasury shares of the Corporation) issued and outstanding.

8. Redemption. The shares of Series A Non-Voting Preferred Stock shall not be redeemable; provided, however, that the foregoing shall not limit the ability of the Corporation to purchase or otherwise deal in such shares to the extent otherwise permitted hereby and by law, nor shall the foregoing limit the Holder's rights under Section 6.5.3.

9. Transfer. A Holder may transfer any shares of Series A Non-Voting Preferred Stock together with the accompanying rights set forth herein, held by such holder without the consent of the Corporation; provided that such transfer is in compliance with applicable securities laws. The Corporation shall in good faith (i) do and perform, or cause to be done and performed, all such further acts and things, and (ii) execute and deliver all such other agreements, certificates, instruments and documents, in each case, as any holder of Series A Non-Voting Preferred Stock may reasonably request in order to carry out the intent and accomplish the purposes of this Section 9. The transferee of any shares of Series A Non-Voting Preferred Stock shall be subject to the Beneficial Ownership Limitation applicable to the transferor as of the time of such transfer.

10. Series A Non-Voting Preferred Stock Register. The Corporation shall maintain at its principal executive offices (or such other office or agency of the Corporation as it may designate by notice to the Holders in accordance with Section 11), a register for the Series A Non-Voting Preferred Stock, in which the Corporation shall record (i) the name, address, and electronic mail address of each holder in whose name the shares of Series A Non-Voting Preferred Stock have been issued and (ii) the name, address, and electronic mail address of each transferee of any shares of Series A Non-Voting Preferred Stock. The Corporation may deem and treat the registered Holder of shares of Series A Non-Voting Preferred Stock as the absolute owner thereof for the purpose of any conversion thereof and for all other purposes. The Corporation shall keep the register open and available at all times during business hours for inspection by any holder of Series A Non-Voting Preferred Stock or his, her or its legal representatives.

11. Notices. Any notice required or permitted by the provisions of this Certificate of Designation to be given to a Holder of shares of Series A Non-Voting Preferred Stock shall be mailed, postage prepaid, to the post office address last shown on the records of the Corporation, or given by electronic communication in compliance with the provisions of the Delaware General Corporation Law, and shall be deemed sent upon such mailing or electronic transmission.

12. Book-Entry; Certificates. The Series A Non-Voting Preferred Stock will be issued in book-entry form; provided that, if a Holder requests that such Holder's shares of Series A Non-Voting Preferred Stock be issued in certificated form, the Corporation will instead issue a stock certificate to such Holder representing such Holder's shares of Series A Non-Voting Preferred Stock. To the extent that any shares of Series A Non-Voting Preferred Stock are issued in book-entry form, references herein to "certificates" shall instead refer to the book-entry notation relating to such shares.

13. Waiver. Any waiver by the Corporation or a Holder of a breach of any provision of this Certificate of Designation shall not operate as or be construed to be a waiver of any other breach of such provision or of any breach of any other provision of this Certificate of Designation or a waiver by any other Holders. The failure of the Corporation or a Holder to insist upon strict adherence to any term of this Certificate of Designation on one or more occasions shall not be considered a waiver or deprive that party (or any other Holder) of the right thereafter to insist upon strict adherence to that term or any other term of this Certificate of Designation. Any waiver by the Corporation or a Holder must be in writing. Notwithstanding any provision in this Certificate of Designation to the contrary, any provision contained herein and any right of the Holders of Series A Non-Voting Preferred Stock

granted hereunder may be waived as to all shares of Series A Non-Voting Preferred Stock (and the Holders thereof) upon the written consent of the Holders of not less than a majority of the shares of Series A Non-Voting Preferred Stock then outstanding, provided, however, that the Beneficial Ownership Limitation applicable to a Holder, and any provisions contained herein that are related to such Beneficial Ownership Limitation, cannot be modified, waived or terminated without the consent of such Holder, provided further, that any proposed waiver that would, by its terms, have a disproportionate and materially adverse effect on any Holder shall require the consent of such Holder(s).

14. Severability. Whenever possible, each provision hereof shall be interpreted in a manner as to be effective and valid under applicable law, but if any provision hereof is held to be prohibited by or invalid under applicable law, then such provision shall be ineffective only to the extent of such prohibition or invalidity, without invalidating or otherwise adversely affecting the remaining provisions hereof.

15. Status of Converted Series A Non-Voting Preferred Stock. If any shares of Series A Non-Voting Preferred Stock shall be converted or redeemed by the Corporation, such shares shall, to the fullest extent permitted by applicable law, be retired and cancelled upon such acquisition, and shall not be reissued as a share of Series A Non-Voting Preferred Stock. Any share of Series A Non-Voting Preferred Stock so acquired shall, upon its retirement and cancellation, and upon the taking of any action required by applicable law, resume the status of authorized but unissued shares of preferred stock and shall no longer be designated as Series A Non-Voting Preferred Stock.

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IN WITNESS WHEREOF, Aeglea BioTherapeutics, Inc. has caused this Certificate of Designation of Preferences, Rights and Limitations of Series A Non-Voting Convertible Preferred Stock to be duly executed by its Chief Executive Officer on June 22, 2023.

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Jonathan Alspaugh
Name: Jonathan Alspaugh
Title: Chief Executive Officer

ANNEX A

NOTICE OF CONVERSION

(TO BE EXECUTED BY THE REGISTERED HOLDER IN ORDER TO CONVERT SHARES OF SERIES A NON-VOTING CONVERTIBLE PREFERRED STOCK)

The undersigned Holder hereby irrevocably elects to convert the number of shares of Series A Non-Voting Preferred Stock indicated below, represented in book-entry form, into shares of common stock, par value \$0.0001 per share (the “**Common Stock**”), of Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Corporation**”), as of the date written below. If securities are to be issued in the name of a Person other than the undersigned, the undersigned will pay all transfer taxes payable with respect thereto. Capitalized terms utilized but not defined herein shall have the meaning ascribed to such terms in that certain Certificate of Designation of Preferences, Rights and Limitations of Series A Non-Voting Convertible Preferred Stock (the “**Certificate of Designation**”) filed by the Corporation with the Secretary of State of the State of Delaware on June 22, 2023.

As of the date hereof, the number of shares of Common Stock beneficially owned by the undersigned Holder (together with such Holder’s Attribution Parties), including the number of shares of Common Stock issuable upon conversion of the Series A Non-Voting Preferred Stock subject to this Notice of Conversion, but excluding the number of shares of Common Stock which are issuable upon (A) conversion of the remaining, unconverted Series A Non-Voting Preferred Stock beneficially owned by such Holder or any of its Attribution Parties, and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Corporation (including any warrants) beneficially owned by such Holder or any of its Attribution Parties that are subject to a limitation on conversion or exercise similar to the limitation contained in Section 6.4 of the Certificate of Designation, is _____. For purposes hereof, beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the applicable regulations of the Commission. In addition, for purposes hereof, “group” has the meaning set forth in Section 13(d) of the Exchange Act and the applicable regulations of the Commission.

CONVERSION CALCULATIONS:

Date to Effect Conversion: _____

Number of shares of Series A Non-Voting Preferred Stock owned prior to Conversion: _____

Number of shares of Series A Non-Voting Preferred Stock to be Converted: _____

Number of shares of Common Stock to be Issued: _____

Address for delivery of physical certificates: _____

For DWAC Delivery, please provide the following:

Broker No.: _____

Account No.: _____

[HOLDER]

By: _____

Name: _____

Title: _____

SECURITIES PURCHASE AGREEMENT

This **SECURITIES PURCHASE AGREEMENT** (this “**Agreement**”) is dated as of June 22, 2023, by and among **AEGLEA BIOTherapeutics, Inc.**, a Delaware corporation (the “**Company**”), and each purchaser identified on Annex A hereto (each, including its successors and assigns, a “**Purchaser**” and collectively, the “**Purchasers**”).

RECITALS

A. The Company and each Purchaser is executing and delivering this Agreement in reliance upon the exemption from securities registration afforded by Section 4(a)(2) of the Securities Act of 1933, as amended, and the rules and regulations thereunder (the “**Securities Act**”), and Rule 506 of Regulation D (“**Regulation D**”) as promulgated by the United States Securities and Exchange Commission (the “**Commission**”) under the Securities Act.

B. Each Purchaser, severally and not jointly, wishes to purchase, and the Company wishes to issue and sell, upon the terms and conditions stated in this Agreement, an aggregate of 721,452 shares (the “**Securities**”) of Series A Non-Voting Convertible Preferred Stock, par value \$0.0001 per share (and including any other class of securities into which the Series A Preferred Stock may hereafter be reclassified or changed into, the “**Series A Preferred Stock**”) of the Company, having the designation, preferences, conversion or other rights, voting powers, restrictions, limitations as to dividends, qualifications and terms and conditions as specified in the Certificate of Designation, in the form attached hereto as **Exhibit A** (the “**Certificate of Designation**”), which will be convertible into shares (the “**Conversion Shares**”) of the Company’s common stock, par value \$0.0001 per share (“**Common Stock**”), in accordance with the terms set forth in the Certificate of Designation.

C. Pursuant to the terms and conditions of the Certificate of Designation, the conversion of the Series A Preferred Stock shall be subject to receipt of the Requisite Stockholder Approval (as defined herein).

D. The Company has engaged Jefferies LLC; Cowen and Company, LLC; Stifel, Nicolaus & Company, Incorporated; and Guggenheim Securities, LLC as its exclusive placement agents (the “**Placement Agents**”) for the offering of the Securities on a “best efforts” basis.

E. Concurrently with the execution and delivery of this Agreement, the Company is entering into an Agreement and Plan of Merger by and among the Company, Aspen Merger Sub I, Inc., a Delaware corporation and wholly owned subsidiary of Parent (the “**First Merger Sub**”), Sequoia Merger Sub II, LLC, a Delaware limited liability company and wholly owned subsidiary of Parent (the “**Second Merger Sub**”), and Spyre Therapeutics, Inc. (“**Spyre**”), in substantially the form attached hereto as **Exhibit G** attached hereto (the “**Merger Agreement**”), pursuant to which the Company and Spyre intend to effect a merger of First Merger Sub with and into Spyre (the “**First Merger**”). Upon consummation of the First Merger, the First Merger Sub will cease to exist and Spyre will become a wholly-owned subsidiary of the Company. Immediately following the First Merger and as part of the same overall transaction as the First Merger, Spyre will merge with and into Second Merger Sub (the “**Second Merger**” and, together with the First Merger, the “**Merger**”), with Second Merger Sub being the surviving entity of the Second Merger.

F. Prior to the Closing: (i) the parties hereto shall execute and deliver a Registration Rights Agreement, substantially in the form attached hereto as **Exhibit B** (the “**Registration Rights Agreement**”), pursuant to which, among other things, the Company will agree to provide certain registration rights with

respect to the Conversion Shares under the Securities Act and the rules and regulations promulgated thereunder and applicable state securities laws and (ii) the Company shall file with the Delaware Secretary of State the Certificate of Designation, duly executed by an officer of the Company.

NOW, THEREFORE, in consideration of the mutual covenants contained in this Agreement, and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Company and each Purchaser, severally and not jointly, hereby agree as follows:

ARTICLE 1

DEFINITIONS

1.1 Definitions. In addition to the terms defined elsewhere in this Agreement, for all purposes of this Agreement, the following terms shall have the meanings indicated in this Section 1.1:

“Acquiring Person” has the meaning set forth in Section 4.5.

“Action” means any action, suit, inquiry, notice of violation, proceeding (including any partial proceeding such as a deposition) or investigation pending or, to the Company’s Knowledge, threatened against the Company, its Subsidiaries or any of their respective properties, or any officer, director or employee of the Company or any of its Subsidiaries acting in his or her capacity as an officer, director or employee, before or by any federal, state, county, local or foreign court, arbitrator, governmental or administrative agency, regulatory authority, stock market, stock exchange or trading facility.

“Affiliate” means, with respect to any Person, any other Person that, directly or indirectly through one or more intermediaries, Controls, is controlled by or is under common control with such Person, as such terms are used in and construed under Rule 405 under the Securities Act.

“Agreement” has the meaning set forth in the Preamble.

“Board of Directors” means the board of directors of the Company.

“Business Day” means any day except Saturday, Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in the State of New York are authorized or required by law or other governmental action to close.

“Certificate of Designation” has the meaning set forth in the Recitals.

“Closing” has the meaning set forth in Section 2.2(a).

“Code” means the Internal Revenue Code of 1986, as amended.

“Commission” has the meaning set forth in the Recitals.

“Company” has the meaning set forth in the Preamble.

“Company Counsel” means Cooley LLP, with offices at 110 N. Upper Wacker Dr., Suite 4200, Chicago, IL 60606.

“Company Deliverables” has the meaning set forth in Section 2.3(a).

“Company’s Knowledge” means with respect to any statement made to the Company’s Knowledge, that the statement is based upon the actual knowledge, or knowledge that would have been acquired after reasonable inquiry, of the executive officers or directors of the Company having responsibility for the matter or matters that are the subject of the statement. With respect to any matters relating to Intellectual Property, such awareness or reasonable expectation to have knowledge does not require any such individual to conduct or have conducted or obtain or have obtained any freedom to operate opinions of counsel or any Intellectual Property rights clearance searches.

“Contract” means, with respect to any Person, any written or oral agreement, contract, subcontract, lease (whether for real or personal property), mortgage, license, or other legally binding commitment or undertaking of any nature to which such Person is a party or by which such Person or any of its assets are bound or affected under applicable Law.

“Control” (including the terms “controlling”, “controlled by” or “under common control with”) means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting securities, by Contract or otherwise.

“Effect” means any effect, change, event, circumstance, state of fact, occurrence or development.

“Effective Date” means the date on which the initial Registration Statement required by Section 2(a) of the Registration Rights Agreement is first declared effective by the Commission.

“Employee Plan” means any “employee benefit plan” as defined in Section 3(3) of ERISA and any other pension, retirement, deferred compensation, excess benefit, profit-sharing, bonus, incentive, equity or equity-based, phantom equity, employment, consulting, severance, change-of-control, retention, health, life, disability, group insurance, paid time off, holiday, welfare and fringe benefit plan, program, agreement, Contract, or arrangement (whether written or unwritten, qualified or nonqualified, funded or unfunded, subject or not subject to ERISA and including any that have been frozen) that the Company or any of its Subsidiaries (i) sponsors, maintains, administers, or contributes to, (ii) provides benefits under or through, (iii) has any obligation to contribute to or provide benefits under or through, (iv) with respect to which have any liability, or (v) utilizes to provide benefits to or otherwise cover any current or former employee, officer, director or other service provider of the Company or any of its Subsidiaries (or their spouses, dependents, or beneficiaries).

“Encumbrance” means any lien, pledge, hypothecation, charge, mortgage, security interest, lease, exclusive license, option, easement, reservation, servitude, adverse title, claim, infringement, interference, option, right of first refusal, preemptive right, community property interest or restriction or encumbrance of any nature (including any restriction on the voting of any security, any restriction on the transfer of any security or other asset, any restriction on the receipt of any income derived from any asset, any restriction on the use of any asset and any restriction on the possession, exercise or transfer of any other attribute of ownership of any asset).

“Environmental Laws” has the meaning set forth in Section 3.1(dd).

“ERISA” means the Employee Retirement Income Security Act of 1974, as amended.

“Exchange Act” means the Securities Exchange Act of 1934, as amended, or any successor statute, and the rules and regulations promulgated thereunder.

“GAAP” means generally accepted accounting principles and practices in effect from time to time within the United States applied consistently throughout the period involved.

“Governmental Authority” means any: (a) nation, state, commonwealth, province, territory, county, municipality, district or other jurisdiction of any nature, (b) federal, state, local, municipal, foreign, supra-national or other government, (c) governmental or quasi-governmental authority of any nature (including any governmental division, department, agency, commission, bureau, instrumentality, official, ministry, fund, foundation, center, organization, unit, body or entity and any court or other tribunal, and any taxing authority) or (d) self-regulatory organization (including Nasdaq).

“Hazardous Materials” means any pollutant, chemical, substance and any toxic, infectious, carcinogenic, reactive, corrosive, ignitable or flammable chemical, or chemical compound, or hazardous substance, material or waste, whether solid, liquid or gas, that is subject to regulation, control or remediation under any Environmental Law, including without limitation, crude oil or any fraction thereof, and petroleum products or by-products.

“Intellectual Property” has the meaning set forth in Section 3.1(p).

“Irrevocable Transfer Agent Instructions” means, with respect to the Company, the Irrevocable Transfer Agent Instructions, in substantially the form of **Exhibit D**, executed by the Company and delivered to and acknowledged in writing by the Transfer Agent.

“Law” means any federal, state, national, supra-national, foreign, local or municipal or other law, statute, constitution, principle of common law, resolution, ordinance, code, edict, decree, rule, regulation, ruling, order, judgment or requirement issued, enacted, adopted, promulgated, implemented or otherwise put into effect by or under the authority of any Governmental Authority (including under the authority of Nasdaq or the Financial Industry Regulatory Authority, Inc.).

“Material Adverse Effect” means any Effect, individually or together with any other Effect, that (a) has had, has, or would reasonably be expected to have a material adverse effect on the business, condition (financial or otherwise), general affairs, management, assets, liabilities, results of operations, earnings, prospects or properties of the Company or its Subsidiaries, taken as a whole; *provided, however*, that Effects arising or resulting from the following shall not be taken into account in determining whether there has been a Material Adverse Effect: (1) the announcement or disclosure of the sale of the Securities or other transactions contemplated by this Agreement, (2) the taking of any action, or the failure to take any action, by the Company that is required to comply with the terms of this Agreement, (3) any natural disaster or epidemics, pandemics or other force majeure events, or any act or threat of terrorism or war, any armed hostilities or terrorist activities (including any escalation or general worsening of any of the foregoing) anywhere in the world or any governmental or other response or reaction to any of the foregoing, (4) any change in GAAP or applicable Law or the interpretation thereof, (5) general economic or political conditions or conditions generally affecting the industries in which the Company and its Subsidiaries operate or (6) any change in the cash position of the Company and its Subsidiaries which results from operations in the ordinary course of business; except in each case with respect to clauses (3), (4) and (5), (x) to the extent disproportionately affecting the Company and its Subsidiaries, taken as a whole, relative to other similarly situated companies in the industries in which the Company and its Subsidiaries operate and (y) the underlying cause of such Effect may be considered except to the extent such underlying cause would otherwise be excluded in accordance with the foregoing; or (b) prevents, materially adversely delays or materially adversely impedes, or could reasonably be expected to prevent, materially adversely delay or materially adversely impede the performance by the Company of its obligations under this Agreement and the other Transaction Documents, including, without limitation, the issuance and sale of the Securities and the Conversion Shares.

“Nasdaq” means The Nasdaq Stock Market.

“New York Courts” means the state and federal courts sitting in the City of New York, Borough of Manhattan.

“Outside Date” means the fifteenth (15th) day following the date of this Agreement.

“Permitted Encumbrances” means: (a) any Encumbrance for current taxes not yet due and payable or for taxes that are being contested in good faith and, in each case, for which adequate reserves have been made on the Unaudited Interim Balance Sheet in accordance with GAAP; (b) minor liens that have arisen in the ordinary course of business and that do not (individually or in the aggregate) materially detract from the value of the assets or properties subject thereto or materially impair the operations of the Company or any of its Subsidiaries; (c) statutory liens to secure obligations to landlords, lessors or renters under leases or rental agreements; (d) deposits or pledges made in connection with, or to secure payment of, workers’ compensation, unemployment insurance or similar programs mandated by Law; (e) non-exclusive licenses of Intellectual Property rights granted by the Company or any of its Subsidiaries in the ordinary course of business and that do not (individually or in the aggregate) materially detract from the value of the Intellectual Property rights subject thereto; and (f) statutory liens in favor of carriers, warehousemen, mechanics and materialmen, to secure claims for labor, materials or supplies.

“Person” means an individual or a corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Placement Agents” has the meaning set forth in the Recitals.

“Press Release” has the meaning set forth in Section 4.4.

“Principal Trading Market” means the Trading Market on which the Common Stock is primarily listed on and quoted for trading, which, as of the date of this Agreement and the Closing Date, shall be the Nasdaq Global Market.

“Proceeding” means an action, claim, suit, investigation or proceeding (including, without limitation, an investigation or partial proceeding, such as a deposition), whether commenced or threatened.

“Purchaser” or **“Purchasers”** has the meaning set forth in the Preamble.

“Purchaser Deliverables” has the meaning set forth in Section 2.2(b).

“Registrable Securities” has the meaning set forth in the Registration Rights Agreement.

“Registration Rights Agreement” has the meaning set forth in the Recitals.

“Registration Statement” means a registration statement meeting the requirements set forth in the Registration Rights Agreement and covering the resale by the Purchasers of the Registrable Securities.

“Regulation D” has the meaning set forth in the Recitals.

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

“SEC Reports” has the meaning set forth in Section 3.1(h).

“Secretary’s Certificate” has the meaning set forth in 2.3(a)(vi).

“Securities” has the meaning set forth in the Recitals.

“Securities Act” has the meaning set forth in the Recitals.

“Series A Preferred Stock” has the meaning set forth in the Recitals, and also includes any other class of securities into which the Series A Preferred Stock may hereafter be reclassified or changed into.

“Short Sales” include, without limitation, (i) all “short sales” as defined in Rule 200 promulgated under Regulation SHO under the Exchange Act, whether or not against the box, and all types of direct and indirect stock pledges, forward sale contracts, options, puts, calls, short sales, swaps, “put equivalent positions” (as defined in Rule 16a-1(h) under the Exchange Act) and similar arrangements (including on a total return basis), and (ii) sales and other transactions through non-U.S. broker dealers or non-U.S. regulated brokers (but shall not be deemed to include the location and/or reservation of borrowable shares of Common Stock).

“Subscription Amount” means, with respect to each Purchaser, the aggregate amount to be paid for the Securities purchased hereunder as indicated on Annex A opposite such Purchaser’s name, in United States dollars and in immediately available funds, which amount represents the number of Securities being purchased by such Purchaser multiplied by the per Security price of \$291.08.

“Subsidiary” means any subsidiary of the Company and shall include any subsidiary of the Company formed or acquired on or after the date hereof, including Spyre.

“Support Agreement” means each Parent Stockholder Support Agreement (as defined in the Merger Agreement).

“Trading Day” means a day on which the principal Trading Market is open for business.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, or the New York Stock Exchange (or any successors to any of the foregoing).

“Transaction Documents” means this Agreement, the schedules and exhibits attached hereto, the Registration Rights Agreement, the Certificate of Designation, the Irrevocable Transfer Agent Instructions and any other documents or agreements explicitly contemplated hereunder.

“Transfer Agent” means American Stock Transfer & Trust Company, LLC, the current transfer agent of the Company, or any successor transfer agent for the Company.

“Unaudited Interim Balance Sheet” means the unaudited condensed consolidated balance sheets of the Company and its Subsidiaries as of March 31, 2023 included in the Company’s Quarterly Report on Form 10-Q filed with the Commission on May 11, 2023.

ARTICLE 2

PURCHASE AND SALE

2.1 Purchase and Sale. On the Closing Date, upon the terms and subject to the conditions set forth herein, the Company will issue and sell to the Purchasers, and the Purchasers will purchase, severally and not jointly, the number of Securities set forth opposite the names of each such Purchaser under the heading “**Number of Securities Purchased**” for the Subscription Amount set forth on Annex A attached hereto.

2.2 Closing.

(a) **Closing.** Upon the satisfaction or waiver of the conditions set forth in Section 2.1, Section 2.2 and Article 5, the closing of the purchase and sale of the Securities (the “**Closing**”) shall take place remotely via exchange of executed documents and funds on the second (2nd) Business Day after the date hereof (the “**Closing Date**”), or at such other time and place as mutually agreed by the Company and Purchasers, but in no event later than the 15th (fifteenth) Business Day following the date of this Agreement.

(b) **Payment.** On or prior to the Closing Date, each Purchaser shall deliver to the Company the Subscription Amount via wire transfer of immediately available funds to an account designated in writing by the Company or by other means approved by the Company on or prior to the Closing Date. At the Closing, the Company shall deliver to such Purchaser against payment a book-entry statement (or, if requested by the Purchaser, a certificate) from the Transfer Agent evidencing the number of Securities set forth opposite such Purchaser’s name on Annex A, registered in the name of such Purchaser (or its nominee in accordance with its delivery instructions), free and clear of any liens or restrictions (other than those arising under state and federal securities laws and bearing the legend set forth in Section 4.1(b), provided that the original of any certificate shall be delivered to such Purchaser as promptly as practicable after the Closing Date but in no event more than three (3) Business Days after the Closing Date); provided that, notwithstanding anything in this Agreement to the contrary and as may be agreed to among the Company and one or more Purchasers, a Purchaser shall not be required to wire its Subscription Amount as set forth on Annex A until it confirms receipt of a book-entry statement from the Company’s transfer agent evidencing the issuance of the Securities to such Purchaser on and as of the Closing Date. If a Purchaser has delivered the Subscription Amount prior to the Closing Date, and the Closing does not occur for any reason on or prior to the fifth (5th) Business Day following the expected Closing Date, the Company shall promptly (but not later than one (1) Business Day thereafter) return the Subscription Amount to such Purchasers by wire transfer of United States dollars in immediately available funds to the account specified by such Purchaser, and any book entries for the Securities shall be deemed cancelled; provided that, unless this Agreement has been terminated pursuant to Section 6.18, such return of funds shall not terminate this Agreement or relieve the Purchasers of their respective obligations to purchase the Securities at the Closing. Notwithstanding anything in this Agreement to the contrary and as may be agreed to among the Company and one or more Purchasers, a Purchaser that is a mutual fund and subject to regulations related to the timing of funding and the issuance of securities thereunder or a Purchaser that has internal policies and/or procedures relating to the timing of funding and issuance of securities thereafter shall not be required to wire its respective portion of the Subscription Amount as set forth on Annex A until it confirms receipt of a book-entry statement from the Company’s transfer agent evidencing the issuance of the Securities to such Purchaser on and as of the Closing Date.

2.3 Closing Deliverables.

(a) On or prior to the Closing, the Company shall issue, deliver or cause to be delivered to each Purchaser the following (the “**Company Deliverables**”):

(i) evidence of the issuance of the Securities in the names of the Purchasers by book-entry statement from the Transfer Agent (or, if the Purchaser requests that the Securities are to be represented in certificated form, a certificate representing the Securities in the name of such Purchaser as set forth on the Stock Certificate Questionnaire included as **Exhibit C** hereto (the “**Stock Certificate**”));

- (ii) a legal opinion of Company Counsel, dated as of the Closing Date and in form and substance reasonably satisfactory to the Purchasers, executed by such counsel and addressed to the Purchasers and the Placement Agents;
- (iii) the Registration Rights Agreement, duly executed by the Company;
- (iv) duly executed Irrevocable Transfer Agent Instructions acknowledged in writing by the Transfer Agent instructing the Transfer Agent to deliver, on an expedited basis, of the issuance of the number of Securities set forth opposite the name of such Purchaser under the heading “**Number of Securities Purchased**” on Annex A attached hereto, registered in the name of such Purchaser (or its nominee, as directed by the Purchaser);
- (v) the Company shall have filed with Nasdaq a Notification Form: Listing of Additional Shares for the listing of the Conversion Shares and shall have received confirmation from Nasdaq that it has completed its review of such form with no objections to the transactions contemplated in the Transaction Documents or the Merger Agreement;
- (vi) a certificate of the Secretary of the Company (the “**Secretary’s Certificate**”), dated as of the Closing Date, (A) certifying the resolutions adopted by the Board of Directors or a duly authorized committee thereof approving the transactions contemplated by this Agreement, the other Transaction Documents and the Merger Agreement and the issuance of the Securities and the Conversion Shares, (B) certifying the current versions of the certificate of incorporation, as amended, and bylaws of the Company and (C) certifying as to the signatures and authority of persons signing the Transaction Documents and related documents on behalf of the Company, in substantially the form attached hereto as **Exhibit E**;
- (vii) the Compliance Certificate referred to in Section 5.1(h);
- (viii) a certificate evidencing the formation and good standing of the Company issued by the Secretary of State of the State of Delaware, as of a date within three (3) Business Days of the Closing Date;
- (ix) a certificate evidencing the Company’s qualification as a foreign corporation and good standing issued by the Secretary of State (or comparable office) of each jurisdiction in which the Company is qualified to do business as a foreign corporation, as of a date within three (3) Business Days of the Closing Date; and
- (x) a certified copy of the Certificate of Designation, as filed with the Secretary of State of the State of Delaware.
- (b) On or prior to the Closing, each Purchaser shall deliver or cause to be delivered to the Company the following (the “**Purchaser Deliverables**”):
- (i) this Agreement, duly executed by such Purchaser;
- (ii) its Subscription Amount, in United States dollars and in immediately available funds, in the amount set forth in the “**Aggregate Purchase Price (Subscription Amount)**” column opposite each Purchaser’s name in the table set forth on Annex A by wire transfer to the Company;

- (iii) the Registration Rights Agreement, duly executed by such Purchaser; and
- (iv) a fully completed and duly executed Stock Certificate Questionnaire in the form attached hereto as **Exhibit C**, if applicable.

ARTICLE 3

REPRESENTATIONS AND WARRANTIES

3.1 Representations and Warranties of the Company. Except as previously disclosed in the SEC Reports, the Company hereby represents and warrants the following as of the date hereof and the Closing Date (except for the representations and warranties that speak as of a specific date, which shall be made as of such date) to each of the Purchasers and to the Placement Agents:

(a) **Due Organization; Subsidiaries.** Each of the Company and its Subsidiaries is a corporation or limited liability company duly incorporated or formed, validly existing and in good standing under the Laws of the jurisdiction of its incorporation or organization and has all necessary corporate power and authority: (i) to conduct its business in the manner in which its business is currently being conducted and as proposed to be conducted as described in the SEC Reports, (ii) to own or lease and use its property and assets in the manner in which its property and assets are currently owned or leased and used and (iii) to perform its obligations under all Contracts by which it is bound. All of the Subsidiaries are wholly owned by the Company. Each of the Company and the Subsidiaries is licensed and qualified to do business, and is in good standing (to the extent applicable in such jurisdiction), under the Laws of all jurisdictions where the nature of its business or the manner in which its business is currently being conducted requires such licensing or qualification other than in jurisdictions where the failure to be so qualified individually or in the aggregate would not have or reasonably be expected to have a Material Adverse Effect.

(b) **Authorization; Enforcement; Validity.** The Company has the requisite corporate power and authority to enter into the Transaction Documents and to perform its obligations under and consummate the transactions contemplated hereby or thereby. All corporate action on the part of the Company, its directors and stockholders necessary for the authorization, execution, sale, issuance and delivery of the Securities and, subject to the Requisite Stockholder Approval, the Conversion Shares contemplated herein has been taken. Each of the Transaction Documents have been (or upon delivery will have been) duly executed and delivered by the Company and is, or when delivered in accordance with the terms hereof or thereof, will constitute the legal, valid and binding obligation of the Company enforceable against the Company in accordance with its respective terms, except (i) as such enforceability may be limited by applicable bankruptcy, examinership, insolvency, reorganization, moratorium, liquidation or similar laws relating to, or affecting generally the enforcement of, creditors' rights and remedies or by other equitable principles of general application, (ii) as limited by Laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(c) **No Conflicts.** The execution, delivery and performance by the Company of the Transaction Documents and the issuance, sale and delivery of the securities to be sold by the Company under the Transaction Documents (including, subject to the Company obtaining Requisite Stockholder Approval, the issuance of Conversion Shares upon the conversion of the Securities), the performance by the Company of its obligations under the Transaction Documents and the consummation of the transactions contemplated hereby or thereby (including without limitation, the issuance of the Securities and the reservation for issuance of the Conversion Shares) do not and will not conflict with, result in the breach or violation of, or constitute (with or without the giving of notice or the passage of time or both) a violation of, or default under, (i) any bond, debenture, note or other evidence of indebtedness, or under any lease,

license, franchise, permit, indenture, mortgage, deed of trust, loan agreement, joint venture or other Contract, agreement or instrument to which the Company or any of its Subsidiaries is a party or by which it or its properties may be bound or affected, (ii) the Company's restated certificate of incorporation, as amended (the "**Certificate of Incorporation**"), the Company's bylaws, as amended (the "**Bylaws**"), or the equivalent document with respect to any of the Company's Subsidiaries, as amended and as in effect on the date hereof, or (iii) subject to the Requisite Stockholder Approval, any statute or Law, judgment, decree, rule, regulation, ordinance or order of any court or governmental or regulatory body (including Nasdaq), governmental agency, arbitration panel or authority applicable to the Company, any of its subsidiaries or their respective properties, except in the case of clauses (i) and (iii) for such conflicts, breaches, violations or defaults that would not reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect.

(d) Filings, Consents and Approvals. Except for any Current Report on Form 8-K or Notice of Exempt Offering of Securities on Form D to be filed by the Company in connection with the transaction contemplated hereby, any required filing with Nasdaq (other than the Listing of Additional Shares notification form for the listing of the Conversion Shares), the Requisite Stockholder Approval, the filing of the Certificate of Designation and the Registration Statement required to be filed by the Registration Rights Agreement, neither the Company nor any of its Subsidiaries is required to give any notice to, or make any filings with, or obtain any authorization, consent, or approval of any government or governmental agency in order to consummate the transactions contemplated by the Transaction Documents. Assuming the accuracy of the representations of the Purchasers in Section 3.2, no consent, approval, authorization or other order of, or registration, qualification or filing with, any court, regulatory body, administrative agency, self-regulatory organization, stock exchange or market (including Nasdaq), or other governmental body is required for the execution and delivery of the Transaction Documents, the valid issuance, sale and delivery of the Securities to be sold pursuant to the Transaction Documents (including, subject to the Company obtaining the Requisite Stockholder Approval, the issuance of Conversion Shares upon conversion of the Securities) other than such as have been or will be made or obtained, or for any securities filings required to be made under federal or state securities laws applicable to the offering of the Securities or the issuance of Conversion Shares upon conversion of the Securities (other than the Requisite Stockholder Approval and filings that have been made, or will be made, pursuant to the rules and regulations of Nasdaq). The Company and its Subsidiaries are unaware of any facts or circumstances that might prevent the Company from obtaining or effecting any of the registration, application or filings pursuant to this Section 3.1(d).

(e) Issuance of the Securities and Conversion Shares. The issuance of the Securities has been duly authorized, and the Securities, when issued and paid for in accordance with the terms of the Transaction Documents, will be duly and validly issued, fully paid and nonassessable and free and clear of any Encumbrances, preemptive rights or restrictions (other than as provided in the Certificate of Designation or any restrictions on transfer generally imposed under applicable securities laws). The issuance of the Conversion Shares has been duly authorized and the Conversion Shares, subject to receipt of the Requisite Stockholder Approval, when issued in accordance with the terms of the Certificate of Designation, will be duly authorized, validly issued, fully paid and non-assessable, and shall be free and clear of any Encumbrances, preemptive rights or restrictions (other than as provided in this Agreement or any restrictions on transfer generally imposed under applicable securities laws). The Company has reserved such number of shares of Common Stock sufficient to enable full conversion of all of the Securities to the extent allowable prior to receipt of the Requisite Stockholder Approval and, upon receipt of the Requisite Stockholder Approval, the Company shall have reserved such number of shares of Common Stock sufficient to enable the full conversion of all of the Securities.

(f) Capitalization.

(i) As of June 20, 2023 (the “**Capitalization Date**”), the authorized capital stock of the Company consisted of (i) 10,000,000 shares of convertible preferred stock, par value \$0.0001 per share (the “**Convertible Preferred Stock**”), none of which were issued and outstanding and (ii) 500,000,000 shares of Common Stock, 65,395,159 shares of which were issued and outstanding. The Convertible Preferred Stock and the Common Stock are collectively referred to herein as the “**Capital Stock**.” All of the issued and shares of Capital Stock have been duly authorized and validly issued and are fully paid and nonassessable and are free of any Encumbrances. As of the Capitalization Date, the Company has reserved (A) (i) 1,667 shares of Common Stock for issuance under the Company’s 2013 Equity Incentive Plan, as amended (the “**2013 Plan**”), of which 1,667 shares have been reserved for issuance upon exercise or settlement of Company restricted stock units granted and outstanding under the 2013 Plan and no shares remain available for future issuance pursuant to the 2013 Plan, (ii) 499,402 shares of Common Stock for issuance under the Company’s 2015 Equity Incentive Plan, as amended (the “**2015 Plan**”), of which 499,402 shares have been reserved for issuance upon exercise or settlement of Company options granted and outstanding under the 2015 Plan and no shares remain available for future issuance pursuant to the 2015 Plan, (iii) 13,432,161 shares of Common Stock for issuance under the Company’s 2016 Equity Incentive Plan, as amended (the “**2016 Plan**”), of which 8,687,838 shares have been reserved for issuance upon exercise or settlement of Company options granted and outstanding under the 2016 Plan and 4,744,323 shares remain available for future issuance pursuant to the 2016 Plan, (iv) 1,100,000 shares of Common Stock for issuance under the Company’s 2018 Equity Inducement Plan, as amended (the “**2018 Plan**”), of which 306,000 shares have been reserved for issuance upon exercise or settlement of Company options granted and outstanding under the 2018 Plan and 794,000 shares remain available for future issuance pursuant to the 2018 Plan and (v) 667,546 shares of Common Stock for issuance pursuant to the Company’s CEO Inducement Grant (the “**2022 Inducement Grant**”), of which 667,546 shares have been reserved for issuance upon exercise or settlement of Company options granted and outstanding pursuant to the 2022 Inducement Grant and no shares remain available for future issuance pursuant to the 2022 Inducement Grant, (B) 2,323,888 shares of Common Stock for future issuance pursuant to the Company’s 2016 Employee Stock Purchase Plan (of which 498,554 shares have been issued and are currently outstanding) and (C) 28,869,251 shares of Common Stock for issuance upon the exercise of 28,891,578 pre-funded warrants to acquire shares of Common Stock, all of which remain subject to exercise in exchange for Common Stock. As of the date hereof, the Company has declared a distribution of one contingent value right for each outstanding share of Common Stock as of immediately prior to the closing of the Merger, representing the right to receive contingent payments, payable in cash or Common Stock, upon the occurrence of certain events relating to the sale of the Company’s legacy non-cash assets (the “**CVRs**”). After giving effect to the Merger and the issuance of the Securities, the Company will have 1,086,341 shares of Series A Preferred Stock authorized, 1,086,341 of which will be issued and outstanding. None of the outstanding shares of the Company were issued in violation of any preemptive rights, rights of first refusal or other similar rights to subscribe for or purchase securities of the Company. Except as otherwise set forth in this Agreement or in the Merger Agreement, as of the date hereof there are no outstanding options, warrants, rights (including conversion or preemptive rights), agreements, arrangements or commitments of any character, whether or not contingent, relating to the issued or unissued Capital Stock of the Company or obligating the Company to issue or sell any share of Capital Stock of, or other equity interest in, the Company. The issuance and sale of the Securities (including, subject to the Company obtaining the Requisite Stockholder Approval, the issuance of Conversion Shares upon conversion of the Securities) will not obligate the Company to issue shares of Common Stock or other securities to any Person (other than the Purchasers) and will not result in a right of any holder of Company securities to adjust the exercise, conversion, exchange or reset price under any of such securities.

(ii) Effective as of the consummation of the Merger, Spyre will be a wholly-owned subsidiary of the Company.

(g) Merger Agreement.

(i) The Merger Agreement has been duly and validly authorized, executed and delivered by the Company, the First Merger Sub and the Second Merger Sub and, assuming due authorization, execution and delivery by the other parties thereto, constitutes a valid and binding agreement of the Company, the First Merger Sub and the Second Merger Sub enforceable against the Company, the First Merger Sub and the Second Merger Sub in accordance with its terms, except as enforceability may be limited by applicable bankruptcy, insolvency or similar laws affecting the enforcement of creditors' rights generally or by equitable principles relating to enforceability.

(ii) To the Company's Knowledge, the representations and warranties of Spyre contained in Section 2 of the Merger Agreement (as qualified therein and in the disclosure schedules thereto) were, as of the date of the Merger Agreement, and are, as of the date hereof, true and accurate in all material respects (or, if any such representations or warranties are qualified by materiality, material adverse effect or similar language, true and correct in all respects).

(h) SEC Reports; Disclosure Materials. The Company has filed or furnished, as applicable, on a timely basis all forms, statements, schedules, certifications, reports and other documents required to be filed or furnished by it with the Commission under the Exchange Act or the Securities Act since January 1, 2021 (collectively, and in each case including all exhibits and schedules thereto and documents incorporated by reference therein, the "**SEC Reports**"). As of the time it was filed with the Commission (or, if amended or superseded by a filing prior to the date of this Agreement, then on the date of such filing), each of the SEC Reports complied in all material respects with the applicable requirements of the Securities Act or the Exchange Act (as the case may be) and as of the time they were filed, none of the SEC Reports contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. There are no material outstanding or unresolved comments in comment letters from the staff of the Division of Corporation Finance of the Commission with respect to any of the SEC Reports. The Company meets the requirements for use of Form S-3 under the Securities Act.

(i) Financial Statements. As of their respective filing dates, the financial statements (including any related notes) contained or incorporated by reference in the SEC Reports (i) complied as to form in all material respects with the Securities Act and the Exchange Act, as applicable, and the published rules and regulations of the Commission applicable thereto, (ii) were prepared in accordance with GAAP (except as may be indicated in the notes to such financial statements or, in the case of unaudited financial statements, as permitted by Form 10-Q of the Commission, and except that the unaudited financial statements may not contain footnotes and are subject to normal and recurring year-end adjustments that are not reasonably expected to be material in amount) applied on a consistent basis unless otherwise noted therein throughout the periods indicated and (iii) fairly present, in all material respects, the consolidated financial position of the Company as of the respective dates thereof and the results of operations and cash flows of the Company for the periods covered thereby. Other than as expressly disclosed in the SEC Reports filed at least one (1) Business Day prior to the date hereof, there has been no material change in the Company's accounting methods or principles that would be required to be disclosed in the Company's financial statements in accordance with GAAP. Except as set forth in the consolidated financial statements of the Company included in the SEC Reports filed at least one (1) Business Day prior to the date hereof, the Company has not incurred any liabilities, contingent or otherwise, except those incurred in the ordinary course of business, consistent (as to amount and nature) with past practices since the date of such financial statements, none of which, individually or in the aggregate, have had or would reasonably be expected to have a Material Adverse Effect. The books of account and other financial records of the Company and each of its Subsidiaries are true and complete in all material respects.

(j) Independent Accountants. PricewaterhouseCoopers LLP, who have certified certain financial statements of the Company and delivered their report with respect to the audited financial statements included in the SEC Reports, have at all times since the date of enactment of the Sarbanes-Oxley Act been (i) a registered public accounting firm (as defined in Section 2(a)(12) of the Sarbanes-Oxley Act), (ii) to the Company's Knowledge, "independent" with respect to the Company within the meaning of Regulation S-X under the Exchange Act and (iii) to the Company's Knowledge, in compliance with subsections (g) through (l) of Section 10A of the Exchange Act and the rules and regulations promulgated by the Commission and the Public Accounting Oversight Board thereunder.

(k) Absence of Certain Changes. Since the date of the Unaudited Interim Balance Sheet, there has been (i) no material adverse change to, and no material adverse development in, the assets, liabilities, business, properties, operations, condition (financial or otherwise), results of operations or prospects of the Company or its Subsidiaries, (ii) no Material Adverse Effect, (iii) no satisfaction or discharge of any material lien, claim or encumbrance or payment of any obligation by the Company, except in the ordinary course of business and (iv) no waiver, not in the ordinary course of business, by the Company or any Subsidiary of a material right or of a material debt owed to it. Since the date of the Unaudited Interim Balance Sheet, neither the Company nor any of its Subsidiaries has (i) purchased any of its outstanding Common Stock (other than from its employees or other service providers in connection with the termination of their service pursuant to the terms of its equity compensation plans or agreements) or declared or paid any dividends or distributions, other than the CVRs, (ii) sold any material assets, individually or in the aggregate, outside of the ordinary course of business, (iii) made any material change or material amendment to, or waiver of any material right, or termination of, any material Contract, (iv) had material transaction entered into or material capital expenditures, individually or in the aggregate, outside of the ordinary course of business or (v) experienced any loss of services of any executive officer (as defined in Rule 405 under the Securities Act), other than as disclosed in the SEC Reports prior to the date hereof. Neither the Company nor any of its Subsidiaries has taken any steps to seek protection pursuant to any bankruptcy law, nor does the Company have any knowledge or reason to believe that its creditors (if any) intend to initiate involuntary bankruptcy proceedings or any actual knowledge of any fact that would reasonably lead any such creditor to do so. The Company and its Subsidiaries, individually and on a consolidated basis, are not as of the date hereof, and after giving effect to the transactions contemplated hereby to occur at the Closing, will not be Insolvent (as defined below). For purposes of this Section 3.1(k), "Insolvent" means, with respect to any Person, (i) the present fair saleable value of such Person's assets is less than the amount required to pay such Person's total indebtedness, (ii) such Person is unable to pay its debts and liabilities, subordinated, contingent or otherwise, as such debts and liabilities become absolute and matured, (iii) such Person intends to incur or believes that it will incur debts that would be beyond its ability to pay as such debts mature or (iv) such Person has unreasonably small capital with which to conduct the business in which it is engaged as such business is now conducted and is proposed to be conducted.

(l) Litigation. There is no action, suit, proceeding or investigation pending or, to the Company's Knowledge, currently threatened in writing against the Company, any of its Subsidiaries or any of their respective directors and officers that questions the validity of the Transaction Documents or the right of the Company to enter into the Transaction Documents or to consummate the transactions contemplated hereby and thereby. There is no action, suit, proceeding or investigation pending or, to the Company's Knowledge, currently threatened in writing against the Company or any Subsidiary or any of their respective directors and officers which would, if there were an unfavorable decision, have or reasonably be expected to have, either individually or in the aggregate, a Material Adverse Effect.

(m) Employment Matters. No material labor dispute exists or, to the Company's Knowledge, is imminent with respect to any of the employees of the Company or any of its Subsidiaries which would have or would reasonably be expected to result in a Material Adverse Effect. None of the Company's or any Subsidiary's employees is a member of a labor union that relates to such employee's

relationship with the Company, and neither the Company nor any of its Subsidiaries is a party to a collective bargaining agreement. To the Company's Knowledge, no executive officer or key employee of the Company or any Subsidiary, is, or is now expected to be, in violation of any material term of any employment Contract, confidentiality, disclosure or proprietary information agreement or non-competition agreement, or any other Contract or agreement or any restrictive covenant in favor of any third party, and to the Company's Knowledge, the continued employment of each such executive officer or key employee does not subject the Company or any Subsidiary to any liability with respect to any of the foregoing matters, except, in each case, matters that, individually or in the aggregate, would not reasonably be expected to result in a Material Adverse Effect. The Company is in compliance in all material respects with all U.S. federal, state, local and foreign Laws and regulations relating to employment and employment practices, terms and conditions of employment and wages and hours. Any Employee Plans that are "employee pension benefit plans" within the meaning of Section 3(2) of ERISA and which are intended to meet the qualification requirements of Section 401(a) of the Code have received determination or opinion letters from the Internal Revenue Service on which they may currently rely to the effect that such plans are qualified under Section 401(a) of the Code and the related trusts are exempt from federal income taxes under Section 501(a) of the Code, respectively, and nothing has occurred that would reasonably be expected to materially adversely affect the qualification of such Employee Plan or the tax exempt status of the related trust.

(n) Conduct of Business; Regulatory Permits. Neither the Company nor any of its Subsidiaries is in violation of any term of or in default under its Certificate of Incorporation, any Certificate of Designation of any outstanding series of preferred stock of the Company or the Bylaws or their organizational charter or bylaws, respectively. Neither the Company nor any of its Subsidiaries (i) is in default of or in violation of, nor has the Company or any of its Subsidiaries received written notice of a claim that it is in default under or that it is in violation of, any Parent Material Contract (as defined in the Merger Agreement) (whether or not such default or violation has been waived), or (ii) is in violation of any judgment, decree or order or any statute, ordinance, rule or regulation applicable to the Company or its Subsidiaries, and neither the Company nor any of its Subsidiaries will conduct its business in violation of any of the foregoing, except for possible violations which would not, individually or in the aggregate, have or reasonably be expected to have a Material Adverse Effect. Without limiting the generality of the foregoing, the Company is not in violation of any of the rules, regulations or requirements of the Nasdaq and, to the Company's Knowledge, there exist no facts or circumstances that would reasonably lead to delisting or suspension of the Common Stock by Nasdaq in the foreseeable future. The Company and its Subsidiaries possess all certificates, authorizations and permits issued by the appropriate regulatory authorities necessary to conduct their respective businesses as currently conducted and as proposed to be conducted, except where the failure to possess such certificates, authorizations or permits would not reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect, and neither the Company nor any such Subsidiary has received any written notice of proceedings relating to the revocation or modification of any such certificate, authorization or permit.

(o) Title to Properties and Assets. None of the Company or its Subsidiaries owns, or has ever owned, any real property. The Company's or its Subsidiary's possession, occupancy, lease, use and/or operation of each such leased property conforms to all applicable Laws in all material respects, and the Company or its Subsidiary, as applicable, has exclusive possession of each such leased property and leasehold interest and has not granted any occupancy rights to tenants or licensees with respect to such leased property or leasehold interest. In addition, each such leased property and leasehold interest is free and clear of all Encumbrances other than Permitted Encumbrances. The Company and each of its Subsidiaries owns, and has good and marketable title to, or, in the case of leased properties and assets, valid leasehold interests in, all tangible properties or tangible assets and equipment used or held for use in their respective business or operations or purported to be owned by any of them, including: (a) all tangible assets reflected on the Unaudited Interim Balance Sheet and (b) all other tangible assets reflected in the books and records of the Company as being owned by the Company or any of its Subsidiaries. All of such assets are owned or, in the case of leased assets, leased by the Company or any of its Subsidiaries free and clear of any Encumbrances, other than Permitted Encumbrances.

(p) Intellectual Property Rights. The Company and its Subsidiaries own, or have obtained valid and enforceable licenses for, the inventions, patent applications, patents, trademarks, trade names, service names, copyrights, trade secrets and other intellectual property described in the SEC Reports as being owned or licensed by them or which are necessary for the conduct of their respective businesses as currently conducted or as currently proposed to be conducted (collectively, “**Intellectual Property**”) and the conduct of their respective businesses does not and will not infringe, misappropriate or otherwise conflict in any material respect with any such rights of others. To the Company’s Knowledge, the operation of the business of the Company and its Subsidiaries, as now conducted or as proposed to be conducted in the SEC Reports, together with the Company’s use of the Company’s Intellectual Property, does not conflict with, infringe, misappropriate or otherwise violate the Intellectual Property of any third party. No actions, suits, claims or proceedings have been asserted, or, to the Company’s Knowledge, threatened against the Company or any of its Subsidiaries alleging any of the foregoing or seeking to challenge, deny or restrict the operation of the business of the Company or its Subsidiaries, and the Company is unaware of any facts which would form a reasonable basis for any such claim. None of the Company or any of its Subsidiaries has received any notice of a claim of infringement, misappropriation or conflict with Intellectual Property rights of others, except for such claims that would not, individually or the in aggregate, have or reasonably be expected to have a Material Adverse Effect. The Intellectual Property rights owned by the Company and its Subsidiaries and, to the Company’s Knowledge, any Intellectual Property rights licensed to the Company or its Subsidiaries, have not been adjudged invalid or unenforceable, in whole or in part, and there is no pending or, to the Company’s Knowledge, threatened action, suit, proceeding or claim by others challenging the validity or scope of any such Intellectual Property rights, and the Company is unaware of any facts which would form a reasonable basis for any such challenge, except for such actions, suits, proceedings, or claims that would not, individually or the in aggregate, be reasonably expected to have a Material Adverse Effect. None of the Company or any of its Subsidiaries is a party to or bound by any options, licenses or agreements with respect to the Intellectual Property rights of any other person or entity that are required to be set forth in the SEC Reports. None of the technology or Intellectual Property used by the Company or its Subsidiaries in their respective businesses has been obtained or is being used by the Company in violation of any contractual obligation binding on the Company or any of its Subsidiaries or, to the Company’s Knowledge, any of their respective officers, directors or employees or otherwise in violation of the rights of any persons.

(q) Insurance. Each of the Company and its Subsidiaries are insured by recognized, financially sound and reputable institutions with policies in such amounts and with such deductibles and covering such risks as are generally deemed adequate and customary for their businesses including, but not limited to, policies covering real and personal property owned or leased by the Company and its Subsidiaries against theft, damage, destruction, acts of vandalism and earthquakes and policies covering the Company and its Subsidiaries for product liability claims and clinical trial liability claims. The Company has no reason to believe that it or any of its Subsidiaries will not be able to (i) renew its existing insurance coverage as and when such policies expire or (ii) obtain comparable coverage from similar institutions as may be necessary or appropriate to conduct its business as now conducted and at a cost that could not reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any of its Subsidiaries has been denied any insurance coverage which it has sought or for which it has applied.

(r) Transactions with Affiliates and Employees. Since the date of the Company’s Definitive Proxy Statement on Schedule 14A filed with the Commission on April 17, 2023, no event has occurred that would be required to be reported by the Company pursuant to Item 404 of Regulation S-K promulgated by the SEC.

(s) Company's Accounting System. The Company and each of its Subsidiaries makes and keeps accurate books and records and maintains a system of internal control over financial reporting (as defined in Rules 13a-15 and 15d-15 under the Exchange Act) sufficient to provide reasonable assurance that: (i) transactions are executed in accordance with management's general or specific authorization; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with generally accepted accounting principles as applied in the United States and to maintain accountability for assets; (iii) access to assets is permitted only in accordance with management's general or specific authorization; (iv) the recorded accountability for assets is compared with existing assets at reasonable intervals and appropriate action is taken with respect to any differences; and (v) the interactive data in eXtensible Business Reporting Language included or incorporated by reference in the SEC Reports fairly presents the information called for in all material respects and is prepared in accordance with the Commission's rules and guidelines applicable thereto, except as would not, individually or the in aggregate, be reasonably expected to have a Material Adverse Effect. Since January 1, 2021, (i) neither the Company nor any Subsidiary nor, to the Company's Knowledge, any director, officer, employee, auditor, accountant or representative of the Company or any Subsidiary has received or otherwise had or obtained knowledge of any material complaint, allegation, assertion or claim, whether written or oral, regarding the accounting or auditing practices, procedures, methodologies or methods of the Company or any Subsidiary or their respective internal accounting controls, including any material complaint, allegation, assertion or claim that the Company or any Subsidiary has engaged in questionable accounting or auditing practices.

(t) Sarbanes-Oxley; Disclosure Controls. The Company is in compliance in all material respects with the applicable provisions of the Sarbanes-Oxley Act of 2002 and the rules and regulations promulgated thereunder. The Company maintains a system of internal accounting controls designed to ensure that (a) material information relating to the Company and its Subsidiaries, is made known to the Company's principal executive officer and its principal financial officer by others within those entities and (b) that information required to be disclosed by the Company in reports that it file, furnishes or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Commission's rules and forms, including controls and procedures designed to ensure that such information is accumulated and communicated to the Company's management as appropriate to allow timely decisions regarding required disclosure. The Company has established and maintains disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Company and designed such disclosure controls and procedures to ensure that material information relating to the Company is made known to the certifying officers by others within those entities, particularly during the period in which the Company's most recently filed periodic report under the Exchange Act, as the case may be, is being prepared. The Company has established internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP. The Company's certifying officers have evaluated the effectiveness of the Company's disclosure controls and procedures and the Company's internal control over financial reporting (collectively, "internal controls") as of the end of the period covered by the most recently filed periodic report under the Exchange Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the Exchange Act the conclusions of the certifying officers about the effectiveness of such internal controls based on their evaluations as of the Evaluation Date. Since the Evaluation Date, there have been no significant changes in the Company's internal controls or, to the Company's Knowledge, in other factors that could materially affect the Company's internal controls and there have been no material weaknesses in the Company's internal control over financial reporting (whether or not remediated). The Company maintains and will continue to maintain a standard system of accounting established and administered in accordance with GAAP and the applicable requirements of the Exchange Act.

(u) [Reserved].

(v) **Certain Fees.** No person or entity will have, as a result of the transactions contemplated by this Agreement, any valid right, interest or claim against or upon the Company or a Purchaser for any commission, fee or other compensation pursuant to any agreement, arrangement or understanding entered into by or on behalf of the Company, other than the Placement Agents with respect to the offer and sale of the Securities (which placement agent fees are being paid by the Company or Spyre, as the case may be). The Purchasers shall have no obligation with respect to any fees or with respect to any claims made by or on behalf of other Persons for fees of a type contemplated in this Section 3.1(v) that may be due in connection with the transactions contemplated by the Transaction Documents. The Company shall indemnify, pay, and hold each Purchaser harmless against, any liability, loss or expense (including, without limitation, attorneys' fees and out-of-pocket expenses) arising in connection with any such right, interest or claim.

(w) **Private Placement.** Assuming the accuracy of the Purchasers' representations and warranties set forth in Section 3.2 of this Agreement, no registration under the Securities Act is required for the offer and sale of the Securities by the Company to the Purchasers under the Transaction Documents (including, subject to the Company obtaining Requisite Stockholder Approval, the issuance of Conversion Shares upon the conversion of the Securities). The issuance and sale of the Securities hereunder (including, subject to the Company obtaining Requisite Stockholder Approval, the issuance of Conversion Shares upon the conversion of the Securities) does not contravene the rules and regulations of the Trading Market.

(x) **Company Not an "Investment Company."** The Company is not, and will not be, immediately after receipt of payment for the Securities, required to register as an "investment company" under the Investment Company Act of 1940, as amended.

(y) **Registration Rights.** Other than each of the Purchasers, no Person has any right to cause the Company to effect the registration under the Securities Act of the offer and sale of any securities of the Company other than those offers and sales which are currently registered on an effective registration statement on file with the Commission.

(z) **Listing and Maintenance Requirements.** The Company's Common Stock is registered pursuant to Section 12(b) or Section 12(g) of the Exchange Act, and the Company has taken no action designed to terminate the registration of the Common Stock under the Exchange Act, nor has the Company received any notification that the Commission or the Principal Trading Market is contemplating terminating such registration or listing. The Company is, and immediately following the Closing will be, in compliance with all applicable listing requirements of the Principal Trading Market. The Company has filed with Nasdaq an additional shares listing application covering Conversion Shares and has not received any objections from Nasdaq with respect to such application with respect to the transactions contemplated hereby or by the Merger Agreement.

(aa) **Disclosure.** The Company confirms that it has not provided, and to the Company's Knowledge, none of its officers or directors nor any other Person acting on its or their behalf (including, without limitation, the Placement Agents) has provided, and it has not authorized the Placement Agents to provide, any Purchaser or its respective agents or counsel with any information that it believes constitutes material, non-public information except insofar as the existence, provisions and terms of the Transaction Documents, the Merger Agreement, and the proposed transactions hereunder and thereunder may constitute such information, all of which will be disclosed by the Company in the Press Release as contemplated by Section 4.4 hereof. The Company understands and confirms that the Purchasers will rely on the foregoing representations in effecting transactions in securities of the Company.

(bb) No Integrated Offering. Assuming the accuracy of the Purchasers' representations and warranties set forth in Section 3.2, and except with respect to the capital stock to be issued pursuant to the Merger Agreement, none of the Company, its Subsidiaries nor, to the Company's Knowledge, any of its Affiliates or any Person acting on its behalf has, directly or indirectly, at any time within the past six (6) months, made any offers or sales of any Company security or solicited any offers to buy any security under circumstances that would (i) eliminate the availability of the exemption from registration under the Securities Act, including Regulation D, in connection with the offer and sale by the Company of the Securities as contemplated hereby or (ii) cause the offering of the Securities pursuant to the Transaction Documents to be integrated with prior offerings by the Company for purposes of any applicable law, regulation or stockholder approval provisions, including, without limitation, under the rules and regulations of any Trading Market on which any of the securities of the Company are listed or designated.

(cc) Tax Matters. The Company and each of its Subsidiaries has timely filed all income tax returns and all other material tax returns that were required to be filed by or with respect to it under applicable Law. All such tax returns were correct and complete in all material respects and have been prepared in material compliance with all applicable Law. Subject to exceptions as would not be material, no claim has ever been made by a Governmental Authority in a jurisdiction where the Company or any of its Subsidiaries does not file tax returns that the Company or any of its Subsidiaries is subject to taxation by that jurisdiction. All material amounts of taxes due and owing by the Company and each of its Subsidiaries (whether or not shown on any tax return) have been timely paid. The unpaid taxes of the Company and each of its Subsidiaries for periods (or portions thereof) ending on or prior to the date of the Unaudited Interim Balance Sheet do not materially exceed the accruals for current taxes set forth on the Unaudited Interim Balance Sheet. Since the date of the Unaudited Interim Balance Sheet, neither the Company nor any of its Subsidiaries has incurred any material liability for taxes outside the ordinary course of business or otherwise inconsistent with past custom and practice. The Company is classified as a Subchapter C corporation for U.S. federal tax purposes.

(dd) Compliance with Environmental Laws. Since January 1, 2021, the Company and each of its Subsidiaries has complied with all applicable federal, state, local or foreign Law relating to pollution or protection of human health or the environment (including ambient air, surface water, ground water, land surface or subsurface strata), including any law or regulation relating to emissions, discharges, releases or threatened releases of Hazardous Materials, or otherwise relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials ("**Environmental Laws**"), which compliance includes the possession by the Company of all permits and other governmental authorizations required under applicable Environmental Laws and compliance with the terms and conditions thereof, except for any failure to be in compliance that, individually or in the aggregate, would not result in or reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any of its Subsidiaries has received since January 1, 2021, any written notice or other communication (in writing or otherwise), whether from a Governmental Authority, citizens group, employee or otherwise, that alleges that the Company or any of its Subsidiaries is not in compliance with any Environmental Law, and, to the Company's Knowledge, there are no circumstances that may prevent or interfere with the Company's or any of its Subsidiaries' compliance with any Environmental Law in the future, except where such failure to comply would not reasonably be expected to have a Material Adverse Effect. To the Company's Knowledge: (i) no current or prior owner of any property leased or controlled by the Company or any of its Subsidiaries has received, since January 1, 2021, any written notice or other communication relating to property owned or leased at any time by the Company or any of its Subsidiaries, whether from a Governmental Authority, citizens group, employee or otherwise, that alleges that such current or prior owner or the Company or any of its Subsidiaries is not in compliance with or violated any Environmental Law relating to such property and (ii) neither the Company nor any of its Subsidiaries has any material liability under any Environmental Law.

(ee) No General Solicitation. Neither the Company nor, to the Company's Knowledge, any person acting on behalf of the Company has, directly or indirectly, offered or sold any of the Securities or Conversion Shares, or solicited any offers to buy any Securities or Conversion Shares, under any circumstances that would require registration under the Securities Act of the Securities or the Conversion Shares, including by any form of general solicitation or general advertising.

(ff) Anti-Corruption and Anti-Bribery Laws. Neither the Company nor any of its Subsidiaries nor any director, officer, or employee of the Company or any of its Subsidiaries, nor to the Company's Knowledge, any agent, Affiliate or other person acting on behalf of the Company or any of its subsidiaries has, in the course of its actions for, or on behalf of, the Company or any of its subsidiaries (i) used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expenses relating to political activity; (ii) made or taken any act in furtherance of an offer, promise, or authorization of any direct or indirect unlawful payment or benefit to any non-U.S. or domestic government official or employee, including of any government-owned or controlled entity or public international organization, or any political party, party official, or candidate for political office; (iii) violated or is in violation of any provision of the U.S. Foreign Corrupt Practices Act of 1977, as amended (the "**FCPA**"), the UK Bribery Act 2010, or any other applicable anti-bribery or anti-corruption Law; or (iv) made, offered, authorized, requested, or taken an act in furtherance of any unlawful bribe, rebate, payoff, influence payment, kickback or other unlawful payment or benefit. The Company and its Subsidiaries and, to the Company's Knowledge, the Company's Affiliates have conducted their respective businesses in compliance with the FCPA and have instituted and maintain policies and procedures designed to ensure, and which are reasonably expected to continue to ensure, continued compliance therewith.

(gg) Money Laundering Laws. The operations of the Company and its Subsidiaries are and have been conducted at all times in compliance with applicable financial recordkeeping and reporting requirements of the USA Patriot Act, the Bank Secrecy Act of 1970, as amended, the money laundering statutes of all jurisdictions, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered or enforced by any governmental agency (collectively, the "**Money Laundering Laws**"); and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator or non-governmental authority involving the Company or its Subsidiaries with respect to the Money Laundering Laws is pending or, to the Company's Knowledge, threatened.

(hh) OFAC. Neither the Company nor its Subsidiaries nor any of their respective Affiliates, directors, officers, nor to the Company's Knowledge, any agent or employee of the Company or its Subsidiaries is subject to any sanctions administered or enforced by the Office of Foreign Assets Control ("**OFAC**") of the United States Treasury Department, the U.S. Department of State, the United Nations Security Council, the European Union, His Majesty's Treasury or any other relevant sanctions authority; and the Company will not directly or indirectly use the proceeds of the offering of the securities contemplated hereby, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other person or entity for the purpose of financing the activities of any person that is the target of sanctions administered or enforced by such authorities or in connection with any country or territory that is the target of country- or territory-wide OFAC sanctions (currently, Iran, Syria, Cuba, North Korea, the Crimea, so-called Donetsk People's Republic, and so-called Luhansk People's Republic regions of Ukraine).

(ii) Off Balance Sheet Arrangements. There is no transaction, arrangement, or other relationship between the Company (or any Subsidiary) and an unconsolidated or other off balance sheet entity that is required to be disclosed by the Company in SEC Reports and is not so disclosed and would have or reasonably be expected to result in a Material Adverse Effect.

(jj) Acknowledgment Regarding Purchaser's Purchase of Securities. The Company acknowledges and agrees that each Purchaser is acting solely in the capacity of an arm's length purchaser with respect to this Agreement and the other Transaction Documents and the transactions contemplated hereby and thereby, and that the obligations of each Purchaser under this Agreement and the other Transaction Documents are several and not joint. The Company further acknowledges that no Purchaser is acting as a financial advisor or fiduciary of the Company or any of its Subsidiaries (or in any similar capacity) with respect to this Agreement and the other Transaction Documents and the transactions contemplated hereby and thereby, and any advice given by a Purchaser or any of its representatives or agents in connection with this Agreement and the other Transaction Documents and the transactions contemplated hereby and thereby is merely incidental to such Purchaser's purchase of the Securities. The Company further represents to each Purchaser that the Company's decision to enter into the Transaction Documents has been based solely on the independent evaluation by the Company and its representatives.

(kk) No Price Stabilization or Manipulation; Compliance with Regulation M. Neither the Company nor any of its Subsidiaries has taken, directly or indirectly, any action designed to or that might cause or result in stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Securities or Conversion Shares or otherwise, and has taken no action which would directly or indirectly violate Regulation M under the Exchange Act.

(ll) Clinical Data and Regulatory Compliance. The preclinical tests and clinical trials, and other studies (collectively, "**studies**") that are described in, or the results of which are referred to in, the SEC Reports were and, if still pending, are being conducted in all material respects in accordance with the protocols, procedures and controls designed and approved for such studies and with standard medical and scientific research procedures. Each description of the results of such studies is accurate and complete in all material respects and fairly presents the data derived from such studies, and the Company and its Subsidiaries have no knowledge of any other studies the results of which are inconsistent with, or otherwise call into question, the results described or referred to in the SEC Reports. The Company and its Subsidiaries have made all such filings and obtained all such approvals as may be required by the Food and Drug Administration of the U.S. Department of Health and Human Services or any committee thereof or from any other U.S. or non-U.S. government or drug or medical device regulatory agency, or health care facility Institutional Review Board (collectively, the "**Regulatory Agencies**"). Neither the Company nor any of its Subsidiaries has received any notice of, or correspondence from, any Regulatory Agency requiring the termination, suspension or modification of any clinical trials that are described or referred to in the SEC Reports. The Company and its Subsidiaries have each operated and currently are in compliance in all material respects with all applicable rules, regulations and policies of the Regulatory Agencies.

(mm) No Additional Agreements. The Company does not have any agreement or understanding (including side letters) with any Purchaser with respect to the transactions contemplated by the Transaction Documents other than as specified in the Transaction Documents.

(nn) No Disqualification Events. No "bad actor" disqualifying event described in Rule 506(d)(1)(i)-(viii) of the Securities Act (a "**Disqualification Event**") is applicable to the Company or, to the Company's Knowledge, any Company Covered Person (as defined below), except for a Disqualification Event as to which Rule 506(d)(2)(ii)-(iv) or (d)(3), is applicable. "**Company Covered Person**" means, with respect to the Company as an "issuer" for purposes of Rule 506 promulgated under the Securities Act, any person listed in the first paragraph of Rule 506(d)(1). Other than the Placement Agents, the Company is not aware of any Person (other than any Company Covered Person) that has been or will be paid (directly or indirectly) remuneration for solicitation of purchasers in connection with the sale of the Securities or the Conversion Shares pursuant to this Agreement. The Company has complied, to the extent applicable, with its disclosure obligations under Rule 506(e), and has furnished to the Placement Agents a copy of any disclosures provided thereunder.

(oo) **Shell Company Status.** The Company is not, and has never been, an issuer identified in Rule 144(i)(1).

(pp) **Security.** Except as would not reasonably be expected to have a Material Adverse Effect, the Company and its Subsidiaries' information technology assets and equipment, computers, systems, networks, hardware, software, websites, applications, and databases (collectively, "**IT Systems**") are adequate for, and operate and perform in all respects as required in connection with the operation of the business of the Company and its Subsidiaries as currently conducted, and are free and clear of all material Trojan horses, time bombs, malware and other malicious code. The Company and its Subsidiaries have implemented and maintained commercially reasonable physical, technical and administrative controls designed to maintain and protect the confidentiality, integrity, availability, privacy and security of all sensitive, confidential or regulated data ("**Confidential Data**") used or maintained in connection with their businesses and Personal Data, and the integrity, availability continuous operation, redundancy and security of all IT Systems. "Personal Data" means the following data used in connection with the Company's and its Subsidiaries' businesses and in their possession or control: (i) a natural person's name, street address, telephone number, e-mail address, photograph, social security number or other tax identification number, driver's license number, passport number, credit card number, bank information, or customer or account number; (ii) information that identifies, relates to, or may reasonably be used to identify an individual; (iii) any information regarding an individual's medical history, mental or physical condition, or medical treatment or diagnosis by a health care professional; (iv) an individual's health insurance policy number or subscriber identification number, any unique identifier used by a health insurer to identify the individual, or any information in an individual's application and claims history; (v) any information which would qualify as "protected health information" under the Health Insurance Portability and Accountability Act of 1996, as amended by the Health Information Technology for Economic and Clinical Health Act (collectively, "**HIPAA**"); (vi) any information which would qualify as "personal data," "personal information" (or similar term) under the Privacy Laws; and (vii) any other piece of information that alone, or combined with other information, allows the identification of such natural person, or his or her family, or permits the collection or analysis of any data related to an identified person's health or sexual orientation. To the Company's Knowledge, there have been no breaches, outages or unauthorized uses of or accesses to the IT Systems, Confidential Data, and Personal Data. The Company and its Subsidiaries are presently, and at all prior times were, in material compliance with all applicable laws or statutes and all judgments and orders binding on the Company, applicable binding rules and regulations of any court or arbitrator or governmental or regulatory authority, and their internal policies and contractual obligations, each relating to the Processing, privacy and security of Personal Data and Confidential Data, the privacy and security of IT Systems and the protection of such IT Systems, Confidential Data, and Personal Data from unauthorized use, access, misappropriation or modification.

(qq) **Compliance with Data Privacy Laws.** The Company and its Subsidiaries are, and at all prior times were, in material compliance with all applicable state and federal data privacy and security laws and regulations regarding the collection, use, storage, retention, disclosure, transfer, disposal, or any other processing (collectively "**Process**" or "**Processing**") of Personal Data, including HIPAA, the California Consumer Privacy Act, and the European Union General Data Protection Regulation (EU 2016/679) (collectively, the "**Privacy Laws**"). To ensure compliance with the Privacy Laws, the Company and its subsidiaries have in place, comply with, and take all appropriate steps necessary to ensure compliance in all material respects with their policies and procedures relating to data privacy and security, and the Processing of Personal Data and Confidential Data (the "**Privacy Statements**"). The Company and its Subsidiaries have, except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect, at all times since January 1, 2021 provided accurate notice of its Privacy Statements then in effect to its clients, employees, third party vendors and representatives. None of such disclosures made or contained in any Privacy Statements have been materially inaccurate, misleading, incomplete, or in material violation of any Privacy Laws. The Company further certifies that neither it nor

any of its Subsidiaries: (i) has received notice of any actual or potential claim, complaint, proceeding, regulatory proceeding or liability under or relating to, or actual or potential violation of, any of the Privacy Laws, contracts related to the Processing of Personal Data or Confidential Data, or Privacy Statements, and has no knowledge of any event or condition that would reasonably be expected to result in any such notice; (ii) is currently conducting or paying for, in whole or in part, any investigation, remediation, or other corrective action pursuant to any Privacy Law or contract; or (iii) is a party to any order, decree, or agreement that imposes any obligation or liability under any Privacy Law.

3.2 Representations and Warranties of the Purchasers. Each Purchaser hereby, for itself and for no other Purchaser, represents and warrants to the Company as follows:

(a) Organization; Authority. Such Purchaser is an entity duly organized, validly existing and in good standing under the Laws of the jurisdiction of its organization with the requisite corporate or, if such Purchaser is not a corporation, such partnership, limited liability company or other applicable power and authority to enter into and to consummate the transactions contemplated by the applicable Transaction Documents and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of this Agreement by such Purchaser and performance by such Purchaser of the transactions contemplated by this Agreement have been duly authorized by all necessary corporate or, if such Purchaser is not a corporation, such partnership, limited liability company or other applicable like action, on the part of such Purchaser. Each Transaction Document to which it is a party has been duly executed by such Purchaser, and when delivered by such Purchaser in accordance with the terms hereof, will constitute the valid and legally binding obligation of such Purchaser, enforceable against it in accordance with its terms, except as such enforceability may be limited by applicable bankruptcy, examinership, insolvency, reorganization, moratorium, liquidation or similar laws relating to, or affecting generally the enforcement of, creditors' rights and remedies or by other equitable principles of general application.

(b) No Conflicts. The execution, delivery and performance by such Purchaser of this Agreement and the Registration Rights Agreement and the consummation by such Purchaser of the transactions contemplated hereby and thereby will not (i) result in a violation of the organizational documents of such Purchaser, (ii) conflict with, or constitute a default (or an event which with notice or lapse of time or both would become a default) under, or give to others any rights of termination, amendment, acceleration or cancellation of, any agreement, indenture or instrument to which such Purchaser is a party, or (iii) result in a violation of any Law, rule, regulation, order, judgment or decree (including U.S. federal and state securities laws) applicable to such Purchaser, except in the case of clauses (ii) and (iii) above, for such conflicts, defaults, rights or violations which would not, individually or in the aggregate, reasonably be expected to have a material adverse effect on the ability of such Purchaser to perform its obligations hereunder.

(c) Investment Intent. Such Purchaser understands that the Securities are (and the Conversion Shares will be) "restricted securities" and the offer and sale thereof have not been registered under the Securities Act or any applicable U.S. state securities law and is acquiring the Securities as principal for its own account and not with a view to, or for distributing or reselling such Securities (or the Conversion Shares) or any part thereof in violation of the Securities Act or any applicable U.S. state or other securities laws, *provided, however*, that by making the representations herein, such Purchaser does not agree to hold any of the Securities or Conversion Shares for any minimum period of time and reserves the right, subject to the provisions of this Agreement and the Registration Rights Agreement, at all times to sell or otherwise dispose of all or any part of such Securities or Conversion Shares pursuant to an effective registration statement under the Securities Act or under an exemption from such registration and in compliance with applicable U.S. federal, state and other securities laws. Such Purchaser is acquiring the Securities hereunder in the ordinary course of its business.

Such Purchaser does not presently have any agreement, plan or understanding, directly or indirectly, with any Person to distribute or effect any distribution of any of the Securities (or any securities which are derivatives thereof) to or through any person or entity in violation of federal securities law; such Purchaser is not a registered broker-dealer under Section 15 of the Exchange Act or an entity engaged in a business that would require it to be so registered as a broker-dealer.

(d) Purchaser Status. At the time such Purchaser was offered the Securities, it was, and at the date hereof it is, an “accredited investor” as defined in Rule 501(a) under the Securities Act.

(e) General Solicitation. Such Purchaser is not purchasing the Securities as a result of any advertisement, article, notice or other communication regarding the Securities published in any newspaper, magazine or similar media or broadcast over television or radio or presented at any seminar or any other general advertisement. The purchase of the Securities by such Purchaser has not been solicited by or through anyone other than the Company or, on the Company’s behalf, the Placement Agents.

(f) Experience of Such Purchaser. Such Purchaser, either alone or together with its representatives, has such knowledge, sophistication and experience in business and financial matters so as to be capable of evaluating the merits and risks of the prospective investment in the Securities, and has so evaluated the merits and risks of such investment. Such Purchaser is able to bear the economic risk of an investment in the Securities.

(g) Access to Information. Such Purchaser acknowledges that it has had the opportunity to review the SEC Reports and has been afforded (i) the opportunity to ask such questions as it has deemed necessary of, and to receive answers from, representatives of the Company concerning the terms and conditions of the offering of the Securities and the merits and risks of investing in the Securities; (ii) access to information about the Company and the Subsidiaries and their respective financial condition, results of operations, business, properties, management and prospects sufficient to enable it to evaluate its investment; and (iii) the opportunity to obtain such additional information that the Company possesses or can acquire without unreasonable effort or expense that is necessary to make an informed investment decision with respect to the investment. Neither such inquiries nor any other investigation conducted by or on behalf of such Purchaser or its representatives or counsel shall modify, amend or affect such Purchaser’s right to rely on the truth, accuracy and completeness of the SEC Reports and the Company’s representations and warranties contained in the Transaction Documents. Such Purchaser has sought such accounting, legal and tax advice as it has considered necessary to make an informed decision with respect to its acquisition of the Securities.

(h) Certain Trading Activities. Other than with respect to the transactions contemplated herein, since the time that such Purchaser was first contacted by the Company, the Placement Agents or any other Person regarding the transactions contemplated hereby, the Purchaser has not, directly or indirectly, effected or agreed to effect any Short Sales. Notwithstanding the foregoing, (i) in the case of a Purchaser that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser’s assets, the foregoing representation shall only apply with respect to the portion of assets managed by the portfolio manager that made the investment decision to purchase the Securities covered by this Agreement and (ii) and in the case of a Purchaser whose investment adviser utilized an information barrier with respect to the information regarding the transactions contemplated hereunder after first being contacted by the Company or such other Person representing the Company, the representation set forth above shall only apply after the point in time when the portfolio manager who manages such Purchaser’s assets was informed of the information regarding the transactions contemplated hereunder and, with respect to the Purchaser’s investment adviser, the representation set forth above shall only apply with respect to any purchases or sales, including Short Sales, of the securities of the Company on behalf of other funds or investment vehicles for which the Purchaser’s investment adviser is also an

investment adviser or sub-adviser after the point in time when the portfolio manager who manages the assets of such other funds or investment vehicles for which the Purchaser's investment adviser is also an investment adviser or sub-adviser was informed of the information regarding the transactions contemplated hereunder. Other than to other Persons party to this Agreement and to the Purchaser's representatives or agents, including, but not limited to, the Purchaser's legal, tax and investment advisors, such Purchaser has maintained the confidentiality of all disclosures made to it in connection with this transaction (including the existence and terms of this transaction). Notwithstanding the foregoing, for avoidance of doubt, nothing contained herein shall constitute a representation or warranty, or preclude any actions, with respect to the identification of the availability of, or securing of, available shares to borrow in order to effect Short Sales or similar transactions in the future.

(i) Brokers and Finders. No Person will have, as a result of the transactions contemplated by this Agreement, any valid right, interest or claim against or upon the Purchaser for any commission, fee or other compensation pursuant to any agreement, arrangement or understanding entered into by or on behalf of the Purchaser. No Purchaser shall have any obligation with respect to any fees, or with respect to any claims made by or on behalf of other Persons for fees, in each case of the type contemplated by this Section 3.2(i) that may be due in connection with the transactions contemplated by this Agreement or the Transaction Documents.

(j) Independent Investment Decision. Such Purchaser has independently evaluated the merits of its decision to purchase Securities pursuant to the Transaction Documents, and such Purchaser confirms that it has not relied on the advice of any other Purchaser's business and/or legal counsel in making such decision. Such Purchaser understands that nothing in this Agreement or any other materials presented by or on behalf of the Company to the Purchaser in connection with the purchase of the Securities constitutes legal, tax or investment advice. Such Purchaser has consulted such legal, tax and investment advisors as it, in its sole discretion, has deemed necessary or appropriate in connection with its purchase of the Securities. Such Purchaser understands that the Placement Agents have acted solely as the agent of the Company in this placement of the Securities and such Purchaser has not relied on the business or legal advice of the Placement Agents or any of their agents, counsel or Affiliates in making its investment decision hereunder, and confirms that none of such Persons has made any representations or warranties to such Purchaser in connection with the transactions contemplated by the Transaction Documents.

(k) Reliance on Exemptions. Such Purchaser understands that the Securities are being offered and sold to it in reliance on specific exemptions from the registration requirements of United States federal and state securities laws and that the Company is relying in part upon the truth and accuracy of, and such Purchaser's compliance with, the representations, warranties, agreements, acknowledgements and understandings of such Purchaser set forth herein in order to determine the availability of such exemptions and the eligibility of such Purchaser to acquire the Securities.

(l) No Governmental Review. Such Purchaser understands that no United States federal or state agency or any other government or governmental agency has passed on or made any recommendation or endorsement of the Securities or the fairness or suitability of the investment in the Securities nor have such authorities passed upon or endorsed the merits of the offering of the Securities.

(m) Regulation M. Such Purchaser is aware that the anti-manipulation rules of Regulation M under the Exchange Act may apply to sales of Securities and other activities with respect to the Securities by the Purchasers.

(n) Beneficial Ownership. The purchase by such Purchaser of the Securities issuable to it at the Closing will not result in such Purchaser (individually or together with any other Person with whom such Purchaser has identified, or will have identified, itself as part of a "group" in a public filing

made with the Commission involving the Company's securities) acquiring, or obtaining the right to acquire, beneficial ownership in excess of 19.999% of the outstanding shares of Common Stock or the voting power of the Company on a post transaction basis that assumes that such Closing shall have occurred. Such Purchaser does not presently intend to, alone or together with others, make a public filing with the Commission to disclose that it has (or that it together with such other Persons have) acquired, or obtained the right to acquire, as a result of such Closing when added to any other securities of the Company that it or they then own or have the right to acquire), beneficial ownership in excess of 19.999% of the outstanding shares of Common Stock or the voting power of the Company on a post transaction basis that assumes that each Closing shall have occurred.

(o) Residency. Such Purchaser's residence (if an individual) or offices in which its investment decision with respect to the Securities was made (if an entity) are located at the address set forth under such Purchaser's name on Annex A hereto or as otherwise specified below its address on Annex A hereto.

The Company and each of the Purchasers acknowledge and agree that no party to this Agreement has made or makes any representations or warranties with respect to the transactions contemplated hereby other than those specifically set forth in this Article 3 and the Transaction Documents.

ARTICLE 4

OTHER AGREEMENTS OF THE PARTIES

4.1 Transfer Restrictions.

(a) Compliance with Laws. Notwithstanding any other provision of this Article 4, each Purchaser covenants that the Securities and Conversion Shares may be disposed of only pursuant to an effective registration statement under, and in compliance with the requirements of, the Securities Act, or pursuant to an available exemption from, or in a transaction not subject to, the registration requirements of the Securities Act, and in compliance with any applicable U.S. state and federal securities laws. In connection with any transfer of the Securities other than (i) pursuant to an effective registration statement, (ii) to the Company, (iii) pursuant to Rule 144 (provided that the Purchaser provides the Company with reasonable assurances (in the form of seller and, if applicable, broker representation letters) that the securities may be sold pursuant to such rule), or (iv) in connection with a bona fide pledge as contemplated in Section 4.1(b), the Company may require the transferor thereof to provide to the Company an opinion of counsel selected by the transferor and reasonably acceptable to the Company, the form and substance of which opinion shall be reasonably satisfactory to the Company, to the effect that such transfer does not require registration of such transferred Securities or Conversion Shares under the Securities Act and, as a condition of transfer, any such transferee shall agree in writing to be bound by the terms of this Agreement and the Registration Rights Agreement and shall have the rights of a Purchaser under this Agreement and the Registration Rights Agreement with respect to such transferred Securities or Conversion Shares.

(b) Legends. Certificates and book-entry statements evidencing the Securities and any Conversion Shares shall bear any legend as required by the "blue sky" Laws of any state and a restrictive legend in substantially the following form:

THE OFFER AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE TO WHICH THIS
CONFIRMATION RELATES HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS
AMENDED, OR THE SECURITIES LAWS OF ANY STATE OF THE UNITED STATES. THE SECURITIES MAY NOT
BE SOLD, OFFERED FOR SALE,

PLEDGED, HYPOTHECATED, TRANSFERRED OR ASSIGNED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER APPLICABLE SECURITIES LAWS, OR UNLESS OFFERED, SOLD, PLEDGED, HYPOTHECATED OR TRANSFERRED PURSUANT TO AN AVAILABLE EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THOSE LAWS. THE COMPANY AND ITS TRANSFER AGENT SHALL BE ENTITLED TO REQUIRE AN OPINION OF COUNSEL SATISFACTORY TO THE COMPANY AND THE TRANSFER AGENT THAT SUCH REGISTRATION IS NOT REQUIRED. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES.

The Company acknowledges and agrees that a Purchaser may from time to time pledge, and/or grant a security interest in, some or all of the legended Securities or Conversion Shares in connection with applicable securities laws, pursuant to a bona fide margin agreement in compliance with a bona fide margin loan. Such a pledge would not be subject to approval or consent of the Company and no legal opinion of legal counsel to the pledgee, secured party or pledgor shall be required in connection with the pledge, but such legal opinion shall be required in connection with a subsequent transfer or foreclosure following default by the Purchaser transferee of the pledge. No notice shall be required of such pledge, but Purchaser's transferee shall promptly notify the Company of any such subsequent transfer or foreclosure. Each Purchaser acknowledges that the Company shall not be responsible for any pledges relating to, or the grant of any security interest in, any of the Securities or Conversion Shares or for any agreement, understanding or arrangement between any Purchaser and its pledgee or secured party. At the appropriate Purchaser's expense, the Company will execute and deliver such reasonable documentation as a pledgee or secured party of Securities or Conversion Shares may reasonably request in connection with a pledge or transfer of the Securities or Conversion Shares, as applicable, including the preparation and filing of any required prospectus supplement under Rule 424(b)(3) of the Securities Act or other applicable provision of the Securities Act to appropriately amend the list of selling stockholders thereunder. Each Purchaser acknowledges and agrees that, except as otherwise provided in Section 4.1(c), any Securities or Conversion Shares subject to a pledge or security interest as contemplated by this Section 4.1(b) shall continue to bear the legend set forth in this Section 4.1(b) and be subject to the restrictions on transfer set forth in Section 4.1(b).

(c) Removal of Legends. Once a Registration Statement covering the resale of the Conversion Shares is declared effective, the Company shall remove all restrictive legends, including the legend set forth in Section 4.1(b) above (or, in the event that Conversion Shares are issued upon conversion after the Registration Statement is declared effective, the Conversion Shares shall be issued without restrictive legends). Further, the Company shall remove all restrictive legends, including the legend set forth in Section 4.1(b) above, (i) following any sale of such Securities or Conversion Shares pursuant to Rule 144 or any other applicable exemption from the registration requirements of the Securities Act, or (ii) if such Conversion Shares are eligible for resale under Rule 144(b)(1) or any successor provision (or, in the event that Conversion Shares are issued upon conversion after the conditions set forth in clauses (i) and (ii) above, the Conversion Shares shall be issued without restrictive legends). Without limiting the foregoing, either (i) upon request of the Purchaser, upon receipt by the Company of an opinion of counsel reasonably satisfactory to the Company to the effect that such legend is no longer required under the Securities Act and applicable state securities laws or (ii) as contemplated by the Irrevocable Transfer Agent Instructions, the Company shall promptly cause the legend to be removed from any certificate for any Securities or Conversion Shares in accordance with the terms of this Agreement and deliver, or cause to be delivered, to any Purchaser new certificate(s) representing the Securities or Conversion Shares that are free from all restrictive and other legends or, at the request of such Purchaser, via DWAC transfer to such Purchaser's account.

(d) Irrevocable Transfer Agent Instructions. The Company shall issue the Irrevocable Transfer Agent Instructions. The Company represents and warrants that no instruction other than the Irrevocable Transfer Agent Instructions referred to in this Section 4.1(d) (or instructions that are consistent therewith) will be given by the Company to its Transfer Agent in connection with this Agreement, and that the Securities and Conversion Shares shall otherwise be freely transferable on the books and records of the Company as and to the extent provided in this Agreement and the other Transaction Documents and applicable law. The Company acknowledges that a breach by it of its obligations under this Section 4.1(d) will cause irreparable harm to a Purchaser. Accordingly, the Company acknowledges that the remedy at law for a breach of its obligations under this Section 4.1(d) may be inadequate and agrees, in the event of a breach or threatened breach by the Company of the provisions of this Section 4.1(d) that a Purchaser shall be entitled, in addition to all other available remedies, to an order and/or injunction restraining any breach and requiring immediate issuance and transfer, without the necessity of showing irreparable harm or economic loss and without any bond or other security being required.

(e) Acknowledgement. Each Purchaser hereunder acknowledges its primary responsibilities under the Securities Act and accordingly will not sell or otherwise transfer the Securities or Conversion Shares or any interest therein without complying with the requirements of the Securities Act.

4.2 Furnishing of Information. In order to enable the Purchasers to sell the Securities and Conversion Shares under Rule 144, until such time as Purchaser may sell the Securities and Conversion Shares without limitation under Rule 144, the Company shall use its commercially reasonable efforts to timely file (or obtain extensions in respect thereof and file within the applicable grace period) all reports required to be filed by the Company after the date hereof pursuant to the Exchange Act and, if during such period, the Company is not required to file reports pursuant to the Exchange Act, it will prepare and furnish to the Purchasers and make publicly available in accordance with Rule 144(c) such information as is required for the Purchasers to sell the Securities and Conversion Shares under Rule 144.

4.3 Integration. The Company shall not, and shall use its commercially reasonable efforts to ensure that no Affiliate of the Company shall, sell, offer for sale or solicit offers to buy or otherwise negotiate in respect of any security (as defined in Section 2 of the Securities Act) that will be integrated with the offer or sale of the Securities in a manner that would require the registration under the Securities Act of the sale of the Securities to the Purchasers, or that will be integrated with the offer or sale of the Securities for purposes of the rules and regulations of any Trading Market such that it would require stockholder approval prior to the closing of such other transaction unless stockholder approval is obtained before the closing of such subsequent transaction; *provided, however*, that this Section 4.3 shall not limit the Company's right to issue shares of capital stock pursuant to the Merger Agreement.

4.4 Securities Laws Disclosure; Publicity. By no later than 9:00 A.M., New York City time, on the Trading Day immediately following the date hereof (provided that, if this Agreement is executed between midnight and 9:00 A.M., New York City time on any Trading Day, no later than 9:01 A.M. on the date hereof), the Company shall (a) issue a press release (the "**Press Release**") reasonably acceptable to the Placement Agents disclosing all material terms of the transactions contemplated hereby and (b) file a Current Report on Form 8-K with the Commission describing the terms of the Transaction Documents (and including as exhibits to such Current Report on Form 8-K the material Transaction Documents (including, without limitation, this Agreement and the Registration Rights Agreement) and the Corporate Overview dated Q2 2023 provided to the Purchasers in connection with the transactions contemplated hereby); provided that the Press Release shall not publicly disclose the name of any Purchaser or investment adviser of any Purchaser, or include the name of any Purchaser or an Affiliate of any Purchaser without the prior

written consent of such Purchaser. In addition, notwithstanding the foregoing, the Company shall not publicly disclose the name of any Purchaser or investment adviser of any Purchaser, or include the name of any Purchaser or an Affiliate of any Purchaser without the prior written consent of such Purchaser (i) in any press release or marketing materials or (ii) in any filing with the Commission or any regulatory agency or Trading Market, except as required by U.S. federal securities law (A) in connection with any registration statement contemplated by the Registration Rights Agreement (which shall be subject to review and comment of the Purchasers pursuant to the terms of the Registration Rights Agreement) or the filing of final Transaction Documents (including signature pages thereto) with the Commission and (B) to the extent such disclosure is required by law, request of the Commission's staff or Trading Market regulations, in which case the Company shall provide the Purchasers with prior written notice of such disclosure permitted under this subclause (ii). From and after the issuance of the Press Release, no Purchaser shall be in possession of any material, non-public information received from the Company, any Subsidiary or any of their respective officers, directors, employees or agents, that is not disclosed in the Press Release. Each Purchaser, severally and not jointly with the other Purchasers, covenants that until such time as the transactions contemplated by this Agreement are publicly disclosed by the Company pursuant to the Press Release, such Purchaser will maintain the confidentiality of the existence and terms of this transaction and the information provided in connection therewith; provided, however, that any disclosure may be made by the Purchaser to the Purchaser's representatives or agents, including, but not limited to, the Purchaser's legal, tax and investment advisors.

4.5 Shareholder Rights Plan. No claim will be made or enforced by the Company or, with the consent of the Company, any other Person, that any Purchaser is an "**Acquiring Person**" under any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or similar anti-takeover plan or arrangement or Law (including Section 203 of the Delaware General Corporation Law) in effect or hereafter adopted by the Company, or that any Purchaser could be deemed to trigger the provisions of any such plan or arrangement, in either case solely by virtue of receiving Securities or Conversion Shares under the Transaction Documents.

4.6 Non-Public Information. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, including this Agreement, or as expressly required by any applicable securities law, the Company covenants and agrees that neither it, nor any other Person acting on its behalf, will provide any Purchaser or its agents or counsel with any information regarding the Company that the Company believes constitutes material non-public information without the express written (email being sufficient) consent of such Purchaser, (i) unless prior thereto such Purchaser shall have committed to customary obligations regarding the confidentiality and use of such information and (ii) except in the case of material, nonpublic information provided to an observer of the Company's or Spyre's board of directors or member of the Company's or Spyre's board of directors who is affiliated with such Purchaser. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company.

4.7 Use of Proceeds. The Company shall use the net proceeds from the sale of the Securities hereunder for working capital and general corporate purposes.

4.8 Principal Trading Market Listing. The Company shall use its reasonable best efforts to take all steps necessary to cause the Conversion Shares to be approved for listing on the Principal Trading Market as promptly as possible.

4.9 Form D; Blue Sky. The Company agrees to timely file a Form D with respect to the Securities as required under Regulation D and to provide a copy thereof, promptly upon the written request of any Purchaser. The Company, on or before the Closing Date, shall take such action as the Company shall reasonably determine is necessary in order to obtain an exemption for or to qualify the Securities for sale

to the Purchasers under applicable securities or “blue sky” Laws of the states of the United States (or to obtain an exemption from such qualification) and shall provide evidence of such actions promptly upon the written request of any Purchaser.

4.10 Short Sales After the Date Hereof. Such Purchaser shall not engage, directly or indirectly, in any transactions in the Company’s securities (including, without limitation, any Short Sales involving the Company’s securities) during the period from the date hereof until the earlier of such time as (i) the transactions contemplated by this Agreement are first publicly announced as required by and described in Section 4.4 or (ii) this Agreement is terminated in full pursuant to Section 6.18.

Notwithstanding the foregoing, no Purchaser makes any representation, warranty or covenant hereby that it will not engage in Short Sales in the securities of the Company after the time that the transactions contemplated by this Agreement are first publicly announced as described in Section 4.4; *provided, however*, each Purchaser agrees, severally and not jointly with any Purchasers, that they will not enter into any Net Short Sales (as hereinafter defined) from the period commencing on the Closing Date and ending on the earliest of (x) the Effective Date, (y) the twenty-four (24) month anniversary of the Closing Date or (z) the date that such Purchaser no longer holds any Securities. For purposes of this Section 4.12, a “**Net Short Sale**” by any Purchaser shall mean a sale of Common Stock by such Purchaser that is marked by such Purchaser as a short sale and that is made at a time when there is no equivalent offsetting long position in Common Stock held by such Purchaser. Notwithstanding the foregoing, in the event that a Purchaser is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser’s assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Purchaser’s assets, the representation set forth above shall apply only with respect to the portion of assets managed by the portfolio manager that have knowledge about the financing transaction contemplated by this Agreement. Moreover, notwithstanding the foregoing, in the event that a Purchaser has sold Securities pursuant to Rule 144 prior to the Effective Date and the Company has failed to deliver certificates without legends prior to the settlement date for such sale (assuming that such certificates meet the requirements set forth in Section 4.1(c) for the removal of legends), the provisions of this Section 4.10 shall not prohibit the Purchaser from entering into Net Short Sales for the purpose of delivering shares of Common Stock in settlement of such sale. Each Purchaser understands and acknowledges, severally and not jointly with any other Purchaser, that the Commission currently takes the position that covering a short position established prior to effectiveness of a resale registration statement with shares included in such registration statement would be a violation of Item 239.10 of the Securities Act Sections Compliance and Disclosure Interpretations issued by the Commission’s Division of Corporation Finance.

4.11 Beneficial Ownership Limitation. Notwithstanding anything to the contrary set forth in the Certificate of Designation, the Company shall not effect any conversion of any share of Series A Preferred Stock, and a Purchaser shall not have the right to convert any portion of its Series A Preferred Stock, to the extent that, after giving effect to such attempted conversion set forth on an applicable Notice of Conversion (as defined in the Certificate of Designation) with respect to the Series A Preferred Stock, such Purchaser (or any of such Purchaser’s Affiliates or any other Person who would be a beneficial owner of Common Stock beneficially owned by the Purchaser for purposes of Section 13(d) or Section 16 of the Exchange Act and the applicable rules and regulations of the Commission, including any “group” of which the Purchaser is a member (the foregoing, “**Attribution Parties**”)) would beneficially own a number of shares of Common Stock in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by such Purchaser and its Attribution Parties shall include the number of shares of Common Stock issuable upon conversion of the Series A Preferred Stock subject to the Notice of Conversion or the Automatic Conversion, as applicable, with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which are issuable upon (i) conversion of the remaining, unconverted

Series A Preferred Stock beneficially owned by such Purchaser or any of its Attribution Parties, and (ii) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company beneficially owned by such Purchaser or any of its Attribution Parties that are subject to and would exceed a limitation on conversion or exercise similar to the limitation contained herein. Except as set forth in the preceding sentence, for purposes of this Section 4.11, beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the applicable rules and regulations of the Commission, and the terms “beneficial ownership” and “beneficially own” have the meanings ascribed to such terms therein. In addition, for purposes hereof, “group” has the meaning set forth in Section 13(d) of the Exchange Act and the applicable rules and regulations of the Commission. For purposes of this Section 4.11, in determining the number of outstanding shares of Common Stock, a Purchaser may rely on the number of outstanding shares of Common Stock as stated in the most recent of the following: (i) the Company’s most recent periodic or annual filing with the Commission, as the case may be, (ii) a more recent public announcement by the Company that is filed with the Commission, or (iii) a more recent notice by the Company or the Company’s transfer agent to the Purchaser setting forth the number of shares of Common Stock then outstanding. For any reason at any time, upon the written request of a Purchaser (which may be by e-mail), the Company shall, within two (2) Trading Days of such request, confirm in writing to such Purchaser (which may be by e-mail) the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to any actual conversion or exercise of securities of the Company, including Series A Preferred Stock, by such Purchaser or its Attribution Parties since the date as of which such number of outstanding shares of Common Stock was last publicly reported or confirmed to the Purchaser. The “**Beneficial Ownership Limitation**” shall initially be set at the discretion of each Purchaser to a percentage between 0% and 19.9% of the number of shares of the Common Stock outstanding or deemed to be outstanding as of the applicable measurement date, and such percentage shall be set at 19.9% for any Holder that does not make such designation on the signature page hereto. The Company shall be entitled to rely on representations made to it by any Purchaser in any Notice of Conversion regarding its Beneficial Ownership Limitation. Notwithstanding the foregoing, by written notice to the Company, (i) any Purchaser may reset the Beneficial Ownership Limitation percentage to a higher percentage, not to exceed 19.9%, which increase will not be effective until the sixty-first (61st) day after such written notice is delivered to the Company, and (ii) any Purchaser may reset the Beneficial Ownership Limitation percentage to a lower percentage provided that such decrease shall not become effective until the later of (x) 5:00 p.m. Eastern time on the third Business Day after the date of the Stockholder Approval and (y) if Stockholder Approval is not obtained within six months after the initial issuance of the Series A Preferred Stock, the date that is three Business Days after the date that is six months after the initial issuance of the Series A Preferred Stock. Upon such a change by a Purchaser of the Beneficial Ownership Limitation, not to exceed 19.9%, the Beneficial Ownership Limitation may not be further amended by such Purchaser without first providing the minimum notice required by this Section 4.11. Notwithstanding the foregoing, at any time following notice of a Fundamental Transaction, the Purchaser may waive and/or change the Beneficial Ownership Limitation effective immediately upon written notice to the Company and may reinstitute a Beneficial Ownership Limitation at any time thereafter effective immediately upon written notice to the Company. The provisions of this Section 4.11 shall be construed, corrected and implemented in a manner so as to effectuate the intended Beneficial Ownership Limitation herein contained and the shares of Common Stock underlying the Securities in excess of the Beneficial Ownership Limitation shall not be deemed to be beneficially owned by the Purchaser for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the Exchange Act.

4.12 Requisite Stockholder Approval. The Company shall hold a special meeting of stockholders (a “**Stockholder Meeting**”) within 75 days from the Closing (the “**Stockholder Meeting Deadline**”) for the purpose of obtaining stockholder approval of the conversion of all issued and outstanding Series A Preferred Stock into shares of Common Stock in accordance with the Nasdaq Stock Market Rules (the “**Requisite Stockholder Approval**”). The Company shall use its best efforts to solicit its stockholders’ approval of such resolution and to cause the Board of Directors to recommend to the stockholders that they

approve such resolution. If the Requisite Stockholder Approval is not obtained on or prior to the Stockholder Meeting Deadline, the Company shall cause an additional Stockholder Meeting to be held within 90 days from the prior meeting (the “**Extended Stockholder Approval Period**”). If the Requisite Stockholder Approval is not obtained within the Extended Stockholder Approval Period, then the Company shall convene additional stockholder meetings every 90 days thereafter until the Requisite Stockholder Approval is obtained. The Company shall enforce the terms of each Support Agreement, and shall not amend or waive any provision of any Support Agreement.

4.13 Conversion and Exercise Procedures. The form of Notice of Conversion included in the Certificate of Designation sets forth the totality of the procedures required of the Purchasers in order to convert the Securities. Without limiting the preceding sentence, no ink-original Notice of Conversion shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Conversion form be required in order for the registered holder thereof to convert the Securities. No additional legal opinion, other information or instructions shall be required of a Purchaser to convert its Securities. The Company shall honor conversions of the Securities and shall deliver Conversion Shares in accordance with the terms, conditions and time periods set forth in the Transaction Documents.

4.14 Lock-Up Agreements. The Company shall not consent or agree to amend, alter, waive or otherwise modify the terms of any of the Lock-Up Agreements (as defined in the Merger Agreement) without the consent of the Placement Agents.

4.15 Indemnification of Purchasers. Subject to the provisions of this Section 4.15, the Company will indemnify and hold each Purchaser and its directors, officers, shareholders, members, partners, employees, investment advisers and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title), each Person who controls such Purchaser (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, shareholders, agents, members, partners, investment advisers or employees (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title) of such controlling persons (each, a “**Purchaser Party**”) harmless from any and all losses, liabilities, obligations, claims, contingencies, damages, costs and expenses, including all judgments, amounts paid in settlements, court costs and reasonable attorneys’ fees and costs of investigation that any such Purchaser Party may suffer or incur as a result of or relating to (i) any breach of any of the representations, warranties, covenants or agreements made by the Company in this Agreement or in the other Transaction Documents or (ii) any Action instituted against a Purchaser in any capacity, or any Purchaser Party, by any stockholder of the Company who is not an Affiliate of such Purchaser seeking indemnification, with respect to any of the transactions contemplated by the Transaction Documents (unless such Action is based upon a breach of such Purchaser’s representations, warranties or covenants under the Transaction Documents). Promptly after receipt by any such Person (the “**Indemnified Person**”) of notice of any demand, claim or circumstances that would or may give rise to a claim or the commencement of any Proceeding or investigation in respect of which indemnity may be sought pursuant to this Section 4.15, such Indemnified Person shall promptly notify the Company in writing and the Company shall assume the defense thereof, including the employment of counsel reasonably satisfactory to such Indemnified Person, and shall assume the payment of all fees and expenses relating to such Proceeding or investigation; provided, however, that the failure of any Indemnified Person so to notify the Company shall not relieve the Company of its obligations hereunder except to the extent that the Company is actually and materially prejudiced by such failure to notify. In any such proceeding, any Indemnified Person shall have the right to retain its own counsel, but the fees and expenses of such counsel shall be at the expense of such Indemnified Person unless: (i) the Company and the Indemnified Person shall have mutually agreed to the retention of such counsel; (ii) the Company shall have failed promptly to assume the defense of such proceeding and to employ counsel reasonably satisfactory to such Indemnified Person in such proceeding; or (iii) in the reasonable judgment of counsel to such Indemnified Person, representation

of both parties by the same counsel would be inappropriate due to actual or potential differing interests between them. In the event of the circumstances described in the foregoing clause (iii), if the Indemnified Person notifies the Company in writing that such Indemnified Person elects to employ separate counsel at the expense of the Company, then the Company shall not have the right to assume the defense of such claim on behalf of such Indemnified Person. The Company shall not be liable for any settlement of any proceeding effected without its prior written consent, which consent shall not be unreasonably withheld, delayed or conditioned or to the extent fees or costs incurred pursuant to this Section 4.15 are attributable to the Indemnified Person's breach of any of the representations, warranties, covenants or agreements made by the Purchasers in this Agreement or the other Transaction Documents. Without the prior written consent of the Indemnified Person, which consent shall not be unreasonably withheld, delayed or conditioned, the Company shall not effect any settlement of any pending or threatened proceeding in respect of which any Indemnified Person is or could have been a party and indemnity could have been sought hereunder by such Indemnified Person, unless such settlement includes an unconditional release of such Indemnified Person from all liability arising out of such proceeding.

4.16 Equal Treatment of Purchasers. No consideration shall be offered or paid to any Purchaser to amend or consent to a waiver or modification of any provision of this Agreement unless the same consideration is also offered to all of the Purchasers. For clarification purposes, this provision constitutes a separate right granted to each Purchaser by the Company and negotiated separately by each Purchaser and shall not in any way be construed as the Purchasers acting in concert or as a group with respect to the purchase, disposition or voting of shares of Common Stock or otherwise.

ARTICLE 5

CONDITIONS PRECEDENT TO CLOSING

5.1 Conditions Precedent to the Obligations of the Purchasers to Purchase Securities. The obligation of each Purchaser to acquire Securities at the Closing is subject to the fulfillment to such Purchaser's satisfaction, on or prior to the Closing Date, of each of the following conditions, any of which may be waived by such Purchaser (as to itself only):

(a) Representations and Warranties. The representations and warranties of the Company contained herein shall be true and correct in all material respects (except for those representations and warranties which are qualified as to materiality, in which case such representations and warranties shall be true and correct in all respects) as of the date when made and as of the Closing Date, as though made on and as of such date, except for such representations and warranties that speak as of a specific date, which shall be true and correct in all material respects (except for those representations and warranties which are qualified as to materiality or Material Adverse Effect, which representations and warranties shall be true and correct in all respects) as of such date.

(b) Performance. The Company shall have performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by the Transaction Documents to be performed, satisfied or complied with by it at or prior to the Closing.

(c) No Injunction. No statute, rule, regulation, order, executive order, decree, judgment, writ, order, ruling or injunction shall have been enacted, entered, promulgated, issued or endorsed by any court of competent jurisdiction or any Governmental Authority that enjoins, prevents or prohibits the consummation of any of the transactions contemplated by the Transaction Documents.

(d) Consents. The Company shall have obtained in a timely fashion any and all consents, permits, approvals, registrations and waivers necessary for consummation of the purchase and sale of the Securities (except for the Requisite Stockholder Approval), all of which shall be and remain so long as necessary in full force and effect.

(e) **Adverse Changes.** Since the date of execution of this Agreement, no event or series of events shall have occurred that has had or would reasonably be expected to have a Material Adverse Effect.

(f) **No Suspensions of Trading in Common Stock; No Stop Orders; Listing.** The Common Stock shall not have been suspended by the Commission or the Principal Trading Market from trading on the Principal Trading Market nor shall suspension by the Commission or the Principal Trading Market have been threatened, either (i) in writing by the Commission or the Principal Trading Market or (ii) by falling below the minimum listing maintenance requirements of the Principal Trading Market. No stop order shall have been imposed by Nasdaq, the Commission or any other Governmental Authority or regulatory body with respect to public trading in the Common Stock. Nasdaq shall have raised no objection to the consummation of the transactions contemplated by the Transaction Documents or the Merger Agreement.

(g) **Company Deliverables.** The Company shall have delivered the Company Deliverables in accordance with Section 2.3(a).

(h) **Compliance Certificate.** The Company shall have delivered to each Purchaser a certificate, dated as of the Closing Date and signed by its Chief Executive Officer and its Chief Financial Officer, dated as of the Closing Date, certifying to the fulfillment of the conditions specified in Sections 5.1(a), (b), (f) and (i) in the form attached hereto as **Exhibit F**.

(i) **Merger.** The Merger shall have been consummated in accordance with the Merger Agreement.

(j) **Termination.** This Agreement shall not have been terminated as to such Purchaser in accordance with Section 6.18 herein.

5.2 Conditions Precedent to the Obligations of the Company to issue Securities. The Company's obligation to issue the Securities at the Closing to each Purchaser is subject to the fulfillment to the satisfaction of the Company on or prior to the Closing Date of the following conditions, any of which may be waived by the Company:

(a) **Representations and Warranties.** The representations and warranties made by each Purchaser in Section 3.2 hereof shall be true and correct in all material respects (except for those representations and warranties which are qualified as to materiality, in which case such representations and warranties shall be true and correct in all respects) as of the date when made, and as of the Closing Date as though made on and as of such date, except for representations and warranties that speak as of a specific date, which shall be true and correct in all material respects (except for those representations and warranties which are qualified as to materiality or Material Adverse Effect, which representations and warranties shall be true and correct in all respects) as of such date.

(b) **Performance.** Such Purchaser shall have performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by the Transaction Documents to be performed, satisfied or complied with by such Purchaser at or prior to the Closing Date.

(c) **No Injunction.** No statute, rule, regulation, order, executive order, decree, judgment, writ, order, ruling or injunction shall have been enacted, entered, promulgated, issued or endorsed by any court of competent jurisdiction or any Governmental Authority that enjoins, prevents or prohibits the consummation of any of the transactions contemplated by the Transaction Documents.

(d) **Purchasers Deliverables.** Such Purchaser shall have delivered its Purchaser Deliverables in accordance with Section 2.3(b).

(e) **Merger.** The Merger shall have been consummated in accordance with the Merger Agreement (which shall not have been amended in any manner that is materially and adversely affects the Purchasers).

(f) **Termination.** This Agreement shall not have been terminated as to such Purchaser in accordance with Section 6.18 herein.

ARTICLE 6

MISCELLANEOUS

6.1 Fees and Expenses. The Company and the Purchasers shall each pay the fees and expenses of their respective advisers, counsel, accountants and other experts, if any, and all other expenses incurred by such party in connection with the negotiation, preparation, execution, delivery and performance of this Agreement. The Company shall pay all Transfer Agent fees, stamp taxes and other taxes and duties levied in connection with the issuance and sale of the Securities to the Purchasers.

6.2 Entire Agreement. The Transaction Documents, together with the exhibits and schedules thereto, contain the entire understanding of the parties with respect to the subject matter hereof and thereof and supersede all prior agreements, understandings, discussions and representations, oral or written, with respect to such matters, which the parties acknowledge have been merged into such documents, exhibits and schedules. Before or at the Closing, the Company and the Purchasers will execute and deliver to the other such further documents as may be reasonably requested in order to give practical effect to the intention of the parties under the Transaction Documents.

6.3 Notices. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be in writing and shall be deemed given and effective on the earliest of (a) the date of transmission, if such notice or communication is delivered via electronic mail at the e-mail address specified in this Section 6.3 prior to 5:00 P.M., New York City time, on a Trading Day, (b) the next Trading Day after the date of transmission, if such notice or communication is delivered via electronic mail at the e-mail address or facsimile number specified in this Section 6.3 on a day that is not a Trading Day or later than 5:00 P.M., New York City time, on any Trading Day, (c) the Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service with next day delivery specified, or (d) upon actual receipt by the party to whom such notice is required to be given if delivered personally or if sent by U.S. certified or registered mail, return receipt requested; provided, in the case of clauses (a) and (b), that notice shall not be deemed given or effective if the sender receives an automatic system-generated response that such electronic mail was undeliverable. The address for such notices and communications shall be as follows:

If to the Company:	Aeglea BioTherapeutics, Inc. 805 Las Cimas Parkway Suite 100, Austin, TX 78746 Telephone No.: (857) 222-4199 Attention: Jonathan Alspaugh, Chief Financial Officer E-mail: [***]

With a copy to: Cooley LLP
110 N. Upper Wacker Dr., Suite 4200, Chicago, IL 60606
Telephone No.: [***]
Attention: Courtney Tygesson
E-mail: [***]

If to a Purchaser: To the address set forth under such Purchaser's name on Annex A hereto;

or such other address as may be designated in writing hereafter, in the same manner, by such Person.

6.4 Amendments; Waivers; No Additional Consideration. No provision of this Agreement may be waived, modified, supplemented or amended except in a written instrument signed, in the case of an amendment, by the Company and the Purchasers of at least a majority in interest of the Securities still held by Purchasers, provided that (i) no amendment to Section 4.4, Section 4.6, Section 4.10, Section 4.11 Section 4.12, Section 4.15, Section 4.16, this Section 6.4 or Section 6.18 may be made without the consent of each Purchaser, or, in the case of a waiver, by the party against whom enforcement of any such waiver is sought and (ii) any proposed amendment that would, by its terms, have a disproportionate and materially adverse effect on any Purchaser shall require the consent of such Purchaser(s). No waiver of any default with respect to any provision, condition or requirement of this Agreement shall be deemed to be a continuing waiver in the future or a waiver of any subsequent default or a waiver of any other provision, condition or requirement hereof, nor shall any delay or omission of either party to exercise any right hereunder in any manner impair the exercise of any such right. No consideration shall be offered or paid to any Purchaser to amend or consent to a waiver or modification of any provision of any Transaction Document unless the same consideration is also offered to all Purchasers who then hold Securities.

6.5 Construction. The headings herein are for convenience only, do not constitute a part of this Agreement and shall not be deemed to limit or affect any of the provisions hereof. The language used in this Agreement will be deemed to be the language chosen by the parties to express their mutual intent, and no rules of strict construction will be applied against any party. This Agreement shall be construed as if drafted jointly by the parties, and no presumption or burden of proof shall arise favoring or disfavoring any party by virtue of the authorship of any provisions of this Agreement or any of the Transaction Documents. As used in this Agreement, the words "include" and "including," and variations thereof, shall not be deemed to be terms of limitation, but rather shall be deemed to be followed by the words "without limitation."

6.6 Successors and Assigns. The provisions of this Agreement shall inure to the benefit of and be binding upon the parties and their successors and permitted assigns. This Agreement, or any rights or obligations hereunder, may not be assigned by the Company without the prior written consent of each Purchaser. Any Purchaser may assign its rights hereunder in whole or in part to any Person to whom such Purchaser assigns or transfers any Securities in compliance with the Transaction Documents and applicable law, provided such transferee shall agree in writing to be bound, with respect to the transferred Securities, by the terms and conditions of this Agreement that apply to the Purchasers.

6.7 No Third-Party Beneficiaries. This Agreement is intended for the benefit of the parties hereto and their respective successors and permitted assigns and is not for the benefit of, nor may any provision hereof be enforced by, any other Person, except the Placement Agents are intended third-party beneficiaries of the representations and warranties in Article 3 and Article 4, and of this Section 6.7 and Section 6.19.

6.8 Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflicts of law thereof. Each party agrees that all Proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Agreement and any other Transaction Documents (whether brought against a party hereto or its respective Affiliates, employees or agents) shall be commenced exclusively in the New York Courts. Each party hereto hereby irrevocably submits to the exclusive jurisdiction of the New York Courts for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any of the Transaction Documents), and hereby irrevocably waives, and agrees not to assert in any Proceeding, any claim that it is not personally subject to the jurisdiction of any such New York Court, or that such Proceeding has been commenced in an improper or inconvenient forum. Each party hereto hereby irrevocably waives personal service of process and consents to process being served in any such Proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. **EACH PARTY HERETO HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY.**

6.9 Survival. Subject to applicable statute of limitations, the representations, warranties, agreements and covenants contained herein shall survive the Closing and the delivery of the Securities.

6.10 Execution. This Agreement may be executed in two or more counterparts, all of which when taken together shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party, it being understood that both parties need not sign the same counterpart. In the event that any signature is delivered by facsimile transmission, or by e-mail delivery of a “.pdf” format data file, or by any electronic signature complying with the U.S. E-SIGN Act of 2000 or the New York Electronic Signatures and Records Act, such signature shall create a legally valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or “.pdf” signature page were an original thereof.

6.11 Severability. If any provision of this Agreement is held to be invalid or unenforceable in any respect, the validity and enforceability of the remaining terms and provisions of this Agreement shall not in any way be affected or impaired thereby and the parties will attempt to agree upon a valid and enforceable provision that is a reasonable substitute therefor, and upon so agreeing, shall incorporate such substitute provision in this Agreement.

6.12 Rescission and Withdrawal Right. Notwithstanding anything to the contrary contained in (and without limiting any similar provisions of) the Transaction Documents, whenever any Purchaser exercises a right, election, demand or option under a Transaction Document and the Company does not timely perform its related obligations within the periods therein provided, then such Purchaser may rescind or withdraw, in its sole discretion from time to time upon written notice to the Company, any relevant notice, demand or election in whole or in part without prejudice to its future actions and rights.

6.13 Replacement of Securities. If any certificate or instrument evidencing any Securities or Conversion Shares is mutilated, lost, stolen or destroyed, the Company may issue or cause to be issued in exchange and substitution for and upon cancellation thereof, or in lieu of and substitution therefor, a new

certificate or instrument, but only upon receipt of evidence reasonably satisfactory to the Company and the Transfer Agent of such loss, theft or destruction and the execution by the holder thereof of a customary lost certificate affidavit of that fact and an agreement to indemnify and hold harmless the Company and the Transfer Agent for any losses in connection therewith or, if required by the Transfer Agent, a bond in such form and amount as is required by the Transfer Agent. The applicants for a new certificate or instrument under such circumstances shall also pay any reasonable third-party costs associated with the issuance of such replacement Securities or Conversion Shares. If a replacement certificate or instrument evidencing any Securities or Conversion Shares is requested due to a mutilation thereof, the Company may require delivery of such mutilated certificate or instrument as a condition precedent to any issuance of a replacement.

6.14 Remedies. In addition to being entitled to exercise all rights provided herein or granted by Law, including recovery of damages, each of the Purchasers and the Company will be entitled to specific performance under the Transaction Documents, without the requirement of posting a bond. The parties agree that monetary damages may not be adequate compensation for any loss incurred by reason of any breach of obligations described in the foregoing sentence and hereby agree to waive in any action for specific performance of any such obligation (other than in connection with any action for a temporary restraining order) the defense that a remedy at law would be adequate.

6.15 Payment Set Aside. To the extent that the Company makes a payment or payments to any Purchaser pursuant to any Transaction Document or a Purchaser enforces or exercises its rights thereunder, and such payment or payments or the proceeds of such enforcement or exercise or any part thereof are subsequently invalidated, declared to be fraudulent or preferential, set aside, recovered from, disgorged by or are required to be refunded, repaid or otherwise restored to the Company, a trustee, receiver or any other person under any Law (including, without limitation, any bankruptcy law, state or federal law, common law or equitable cause of action), then to the extent of any such restoration the obligation or part thereof originally intended to be satisfied shall be revived and continued in full force and effect as if such payment had not been made or such enforcement or setoff had not occurred.

6.16 Adjustments in Share Numbers and Prices. In the event of any stock split, subdivision, dividend or distribution payable in shares of Common Stock (or other securities or rights convertible into, or entitling the holder thereof to receive directly or indirectly shares of Common Stock), combination or other similar recapitalization or event occurring after the date hereof and prior to the Closing, each reference in any Transaction Document to a number of shares or a price per share shall be deemed to be amended to appropriately account for such event.

6.17 Independent Nature of Purchasers' Obligations and Rights. The obligations of each Purchaser under any Transaction Document are several and not joint with the obligations of any other Purchaser, and no Purchaser shall be responsible in any way for the performance of the obligations of any other Purchaser under any Transaction Document. The decision of each Purchaser to purchase Securities pursuant to the Transaction Documents has been made by such Purchaser independently of any other Purchaser and independently of any information, materials, statements or opinions as to the business, affairs, operations, assets, properties, liabilities, results of operations, condition (financial or otherwise) or prospects of the Company or any Subsidiary which may have been made or given by any other Purchaser or by any agent or employee of any other Purchaser, and no Purchaser and any of its agents or employees shall have any liability to any other Purchaser (or any other Person) relating to or arising from any such information, materials, statement or opinions. Nothing contained herein or in any Transaction Document, and no action taken by any Purchaser pursuant thereto, shall be deemed to constitute the Purchasers as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Purchasers are in any way acting in concert or as a group (including, without limitation, a "group" within the meaning of Section 13(d)(3) of the Exchange Act) with respect to such obligations or the transactions

contemplated by the Transaction Documents. Each Purchaser acknowledges that no other Purchaser has acted as agent for such Purchaser in connection with making its investment hereunder and that no Purchaser will be acting as agent of such Purchaser in connection with monitoring its investment in the Securities or enforcing its rights under the Transaction Documents. Each Purchaser shall be entitled to independently protect and enforce its rights, including without limitation the rights arising out of this Agreement or out of the other Transaction Documents, and it shall not be necessary for any other Purchaser to be joined as an additional party in any proceeding for such purpose. Each Purchaser has been represented by its own separate legal counsel in its review and negotiation of the Transaction Documents. For reasons of administrative convenience only, Purchasers and their respective counsels may choose to communicate with the Company through Covington & Burling LLP, counsel to the Placement Agents. Each Purchaser acknowledges that Covington & Burling LLP has rendered legal advice to the Placement Agents and not to such Purchaser in connection with the transactions contemplated hereby, and that each such Purchaser has relied for such matters on the advice of its own respective counsel. The Company has elected to provide all Purchasers with the same terms and Transaction Documents for the convenience of the Company and not because it was required or requested to do so by any Purchaser. It is expressly understood that each provision contained in this Agreement is between the Company and a Purchaser, solely, and not between the Company and the Purchasers collectively and not between and among the Purchasers.

6.18 Termination. This Agreement may be terminated and the sale and purchase of the Securities abandoned at any time prior to the Closing (i) automatically if the Closing has not been consummated on or prior to 5:00 P.M., New York City time, on Outside Date, (ii) by a Purchaser (with respect to itself) if any of the conditions set forth in Section 5.1 shall have become incapable of fulfillment, and shall not have been waived by such Purchaser, or (iii) automatically if the Merger Agreement is terminated in accordance with its terms; *provided, however*, that the right to terminate this Agreement under clause (ii) shall not be available to any Person whose failure to comply with its obligations under this Agreement has been the cause of or resulted in the failure of the Closing to occur on or before such time. Nothing in this Section 6.18 shall be deemed to release any party from any liability for any breach by such party of the terms and provisions of this Agreement or the other Transaction Documents or to impair the right of any party to compel specific performance by any other party of its obligations under this Agreement or the other Transaction Documents. In the event of a termination pursuant to this Section 6.18, the Company shall promptly notify all non-terminating Purchasers. Upon a termination in accordance with this Section 6.18, the Company and the terminating Purchaser(s) shall not have any further obligation or liability (including arising from such termination) to the other, and no Purchaser will have any liability to any other Purchaser under the Transaction Documents as a result thereof.

6.19 Exculpation of the Placement Agents. Each party hereto agrees for the express benefit of the Placement Agents, their Affiliates and their representatives that:

(a) Each Placement Agent is acting as placement agent for the Company solely in connection with the sale of the Securities and is not acting in any other capacity and is not and shall not be construed as a fiduciary for any Purchaser, or any other person or entity in connection with the sale of Securities.

(b) None of the Placement Agents nor any of their Affiliates or any of their respective representatives (i) shall be liable for any improper payment made in accordance with the information provided by the Company; (ii) has made or will make any representation or warranty, express or implied, of any kind or character, and has not provided any recommendation in connection with the purchase or sale of the Securities; (iii) has any responsibilities as to the validity, accuracy, completeness, value or genuineness, as of any date, of any information, certificates or documentation delivered by or on behalf of the Company pursuant to this Agreement, the other Transaction Documents or the Merger Agreement, or in connection with any of the transactions contemplated by such agreements; (iv) shall be liable or have

any obligation (including, without limitation, for or with respect to any losses, claims, damages, obligations, penalties, judgments, awards, liabilities, costs, expenses or disbursements incurred by any Purchaser, the Company or any other Person or entity), whether in contract, tort or otherwise to any Purchaser or to any person claiming through such Purchaser, (A) for any action taken, suffered or omitted by any of them in good faith and reasonably believed to be authorized or within the discretion or rights or powers conferred upon it by this Agreement, any other Transaction Document or the Merger Agreement, (B) for anything which any of them may do or refrain from doing in connection with this Agreement, any other Transaction Document or the Merger Agreement, or (C) for anything otherwise in connection with the purchase and sale of the Securities or the issuance of the Conversion Shares, except in each case for such party's own gross negligence or willful misconduct.

6.20 Arm's Length Transaction. The Company acknowledges and agrees that (i) the transactions described in this Agreement are an arm's-length commercial transaction between the parties, (ii) the Purchasers have not assumed nor will they assume an advisory or fiduciary responsibility in the Company's favor with respect to any of the transactions contemplated by this Agreement or the process leading thereto, and the Purchasers have no obligation to the Company with respect to the transactions contemplated by this Agreement except those obligations expressly set forth in this Agreement or the other Transaction Documents to which they are a party, and (iii) the Company's decision to enter into the Transaction Documents and the Merger Agreement has been based solely on the independent evaluation by the Company and its representatives.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties hereto have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

AEGLEA BIOTherapeutics, Inc.

By: /s/ Jonathan Alspaugh
Name: Jonathan Alspaugh
Title: President and Chief Financial Officer

[SIGNATURE PAGE TO SECURITIES PURCHASE AGREEMENT]

IN WITNESS WHEREOF, the parties hereto have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

PURCHASER:

[●]

By: _____

Name:

Title:

Beneficial Ownership Limitation:

ANNEX A

SCHEDULE OF PURCHASERS

EXHIBIT A

CERTIFICATE OF DESIGNATION

EXHIBIT B

FORM OF REGISTRATION RIGHTS AGREEMENT

EXHIBIT C

STOCK CERTIFICATE QUESTIONNAIRE

Pursuant to **Section 2.2(b)** of the Agreement, please provide us with the following information:

1. The exact name that the Securities are to be registered in (this is the name that will appear on the stock certificate(s)). You may use a nominee name if appropriate: _____
2. The relationship between the Purchaser of the Securities and the Registered Holder listed in response to Item 1 above: _____
3. The mailing address, telephone and telecopy number of the Registered Holder listed in response to Item 1 above: _____

4. The U.S. Tax Identification Number (or, if an individual, the U.S. Social Security Number) of the Registered Holder listed in response to Item 1 above: _____

EXHIBIT D

FORM OF IRREVOCABLE TRANSFER AGENT INSTRUCTIONS

As of _____, __

American Stock Transfer & Trust Company LLC
1010 El Camino Real – Suite 360
Menlo Park, CA 94025
Attn: Joshua P. McGinn, CEP

Ladies and Gentlemen:

Reference is made to that certain Securities Purchase Agreement, dated as of June 22, 2023 (the “**Agreement**”), by and among Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), and the purchasers named on the signature pages thereto (collectively, and including permitted transferees, the “**Holders**”), pursuant to which the Company is issuing to the Holders shares (the “**Shares**”) of Series A Non-Voting Convertible Preferred Stock, par value \$0.0001 per share, which will be convertible into shares (the “**Conversion Shares**”) of the Company’s common stock, par value \$0.0001 per share (the “**Common Stock**”).

This letter shall serve as our irrevocable authorization and direction to you to issue the Shares as book-entry restricted shares in the names and denominations specified on Schedule I hereto. The Shares have not been registered under the Securities Act of 1933, as amended (the “Securities Act”) and are, therefore, “restricted securities. Accordingly, the Shares shall bear the following restrictive legend:

THE OFFER AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE TO WHICH THIS CONFIRMATION RELATES HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR THE SECURITIES LAWS OF ANY STATE OF THE UNITED STATES. THE SECURITIES MAY NOT BE SOLD, OFFERED FOR SALE, PLEDGED, HYPOTHECATED, TRANSFERRED OR ASSIGNED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER APPLICABLE SECURITIES LAWS, OR UNLESS OFFERED, SOLD, PLEDGED, HYPOTHECATED OR TRANSFERRED PURSUANT TO AN AVAILABLE EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THOSE LAWS. THE COMPANY AND ITS TRANSFER AGENT SHALL BE ENTITLED TO REQUIRE AN OPINION OF COUNSEL SATISFACTORY TO THE COMPANY AND THE TRANSFER AGENT THAT SUCH REGISTRATION IS NOT REQUIRED. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES.

This letter shall also serve as our irrevocable authorization and direction to you (provided that you are the transfer agent of the Company at such time and the conditions set forth in this letter are satisfied), subject to any stop transfer instructions that we may issue to you from time to time, if any, to issue shares of Common Stock upon conversion, transfer or resale of the Shares.

You acknowledge and agree that so long as you have received (a) written confirmation from the Company’s legal counsel that either (1) a registration statement covering resales of the Conversion Shares has been declared effective by the Securities and Exchange Commission (the “**Commission**”) under the Securities Act of 1933, as amended (the “**Securities Act**”), or (2) the Conversion Shares have been sold in conformity with Rule 144 under the Securities Act (“**Rule 144**”) or are eligible for sale under Rule 144, without the requirement for the Company to be in compliance with the current public information required

under Rule 144 as to such securities and without volume or manner-of-sale restrictions and (b) if applicable, a copy of such registration statement, then, unless otherwise required by law, within two (2) Trading Days of your receipt of a properly completed and duly executed conversion notice or a notice of transfer of Shares, you shall issue the certificates representing the Conversion Shares registered in the names of such Holders or transferees, as the case may be, and such certificates shall not bear any legend restricting transfer of the Shares thereby and should not be subject to any stop-transfer restriction.

A form of written confirmation from the Company’s outside legal counsel that a registration statement covering resales of the Conversion Shares has been declared effective by the Commission under the Securities Act is attached hereto as Annex I.

Please be advised that the Holders are relying upon this letter as an inducement to enter into the Agreement and, accordingly, each Holder is a third party beneficiary to these instructions.

Please execute this letter in the space indicated to acknowledge your agreement to act in accordance with these instructions.

Very truly yours,

Aeglea BioTherapeutics, Inc.

By: _____

Name: Jonathan Alspaugh

Title: President and Chief Financial Officer

Acknowledged and Agreed:

American Stock Transfer & Trust Company LLC

By: _____

Name: _____

Title: _____

Date: _____, 2023

FORM OF NOTICE OF EFFECTIVENESS OF REGISTRATION STATEMENT

American Stock Transfer & Trust Company LLC
1010 El Camino Real – Suite 360
Menlo Park, CA 94025
Attn: Joshua P. McGinn, CEP

Re: Aeglea BioTherapeutics, Inc.

Ladies and Gentlemen:

We are counsel to Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), and have represented the Company in connection with that certain Securities Purchase Agreement, dated as of June 22, 2023, entered into by and among the Company and the purchasers named therein (collectively, the “**Purchasers**”) pursuant to which the Company issued to the Purchasers shares of the Company’s Series A Non-Voting Convertible Preferred Stock, \$0.0001 par value per share (the “**Shares**”). Pursuant to that certain Registration Rights Agreement of even date, the Company agreed to register the resale of the Company’s common stock, \$0.0001 par value per share (the “**Common Stock**”) issuable upon conversion of the Shares (the “**Registrable Securities**”), under the Securities Act of 1933, as amended (the “**Securities Act**”). In connection with the Company’s obligations under the Registration Rights Agreement, _____ on, _____, the Company filed a Registration Statement on Form S-3 (File No. 333-_____) (the “**Registration Statement**”) with the Securities and Exchange Commission (the “**Commission**”) relating to the Registrable Securities which names each of the Purchasers as a selling stockholder thereunder and set forth as Exhibit A hereto.

In connection with the foregoing, we advise you that a member of the Commission’s staff has advised us by telephone that the Commission has entered an order declaring the Registration Statement effective under the Securities Act at _____ [a.m.][p.m.] on _____, ___, and we have no knowledge, after reviewing the Commission’s “**Stop Orders**” web page (<http://sec.gov/litigation/stoporders.shtml>), that any stop order suspending its effectiveness has been issued or that any proceedings for that purpose are pending before, or threatened by, the Commission and the Registrable Securities are available for resale under the Securities Act pursuant to the Registration Statement.

This letter shall serve as our standing notice to you that the Common Stock may be freely transferred by the Purchasers pursuant to the Registration Statement. You need not require further letters from us to effect any future legend-free issuance or reissuance of shares of Common Stock to the Purchasers or the transferees of the Purchasers, as the case may be, as contemplated by the Company’s Irrevocable Transfer Agent Instructions dated _____, ___, provided at the time of such reissuance, the Company has not otherwise notified you that the Registration Statement is unavailable for the resale of the Registrable Securities. This letter shall serve as our standing instructions with regard to this matter.

Very truly yours,

[INSERT NAME OF COMPANY COUNSEL]

By: _____

EXHIBIT E

FORM OF SECRETARY'S CERTIFICATE

The undersigned hereby certifies that [●] is the duly elected, qualified and acting Secretary of Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), and that as such [s/he] is authorized to execute and deliver this certificate in the name and on behalf of the Company and in connection with the Securities Purchase Agreement, dated as of _____, 2023, by and among the Company and the purchasers named therein (the “**Securities Purchase Agreement**”), and further certifies in his official capacity, in the name and on behalf of the Company, the items set forth below. Capitalized terms used but not otherwise defined herein shall have the meaning set forth in the Securities Purchase Agreement.

1. Attached hereto as **Exhibit A** is a true, correct and complete copy of the resolutions duly adopted by the Board of Directors of the Company at a meeting held on _____ approving the Merger, the Transaction Documents, the Merger Agreement and the transactions contemplated thereby. Such resolutions have not in any way been amended, modified, revoked or rescinded, have been in full force and effect since their adoption to and including the date hereof and are now in full force and effect.

2. Attached hereto as **Exhibit B** is a true, correct and complete copy of the Certificate of Incorporation of the Company, together with any and all amendments thereto currently in effect, including the Certificate of Designation, and no action has been taken to further amend, modify or repeal such Certificate of Incorporation, the same being in full force and effect in the attached form as of the date hereof

3. Attached hereto as **Exhibit C** is a true, correct and complete copy of the Bylaws of the Company and any and all amendments thereto currently in effect, and no action has been taken to further amend, modify or repeal such Bylaws, the same being in full force and effect in the attached form as of the date hereof.

4. Each person listed below has been duly elected or appointed to the position(s) indicated opposite his name and is duly authorized to sign the Securities Purchase Agreement and each of the Transaction Documents on behalf of the Company, and the signature appearing opposite such person's name below is such person's genuine signature.

<u>Name</u>	<u>Position</u>	<u>Signature</u>
[●]	Chief Executive Officer	_____
[●]	Chief Financial Officer	_____

IN WITNESS WHEREOF, the undersigned has hereunto set his hand as of this ____ day of _____, 2023.

Secretary

I, [●], Chief Executive Officer, hereby certify that [●] is the duly elected, qualified and acting Secretary of the Company and that the signature set forth above is [his]/[her] true signature.

Chief Executive Officer

EXHIBIT A

Resolutions

EXHIBIT B

Certificate of Incorporation

EXHIBIT C

Bylaws

EXHIBIT F

Form of Officer's Certificate

The undersigned, the Chief Executive Officer and Chief Financial Officer of Aeglea BioTherapeutics, Inc., a Delaware corporation (the "**Company**"), pursuant to Section 5.1(h) of the Securities Purchase Agreement, dated as of _____, by and among the Company and the investors signatory thereto (the "**Securities Purchase Agreement**"), hereby represents, warrants and certifies as follows (capitalized terms used but not otherwise defined herein shall have the meaning set forth in the Securities Purchase Agreement):

1. The representations and warranties of the Company contained in the Securities Purchase Agreement are true and correct in all material respects (except for those representations and warranties which are qualified as to materiality, in which case, such representations and warranties shall be true and correct in all respects) as of the date when made and as of the date hereof, as though made on and as of such date, except for such representations and warranties that speak as of a specific date, which shall be true and correct in all material respects (except for those representations and warranties which are qualified as to materiality or Material Adverse Effect, which representations and warranties shall be true and correct in all respects) as of such date.
2. The Company has performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by the Transaction Documents to be performed, satisfied or complied with by it at or prior to the date hereof.
3. The conditions set forth in Section 5.1(f) and Section 5.1(i) of the Securities Purchase Agreement have been satisfied.

IN WITNESS WHEREOF, the undersigned has executed this certificate this ____ day of _____, ____.

Chief Executive Officer

Chief Financial Officer

EXHIBIT G

Merger Agreement

	NUMBER AB INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE	SHARES CUSIP 00773J 10 3 SEE REVERSE FOR CERTAIN DEFINITIONS	DATE SEE REVERSE FOR CERTAIN DEFINITIONS
This certifies that is the record holder of FULLY PAID AND NONASSESSABLE SHARES OF COMMON STOCK PAR VALUE \$0.0001 PAR VALUE PER SHARE, OF AEGLEA BIOTherapeutics, Inc. transferable on the books of the corporation in person or by duly authorized attorney upon surrender of this Certificate properly endorsed. This Certificate is not valid until countersigned by the Transfer Agent and registered by the Registrar. WITNESS the facsimile seal of the Corporation and the facsimile signatures of its duly authorized officers. Dated: _____ Chief Executive Officer, President & Secretary  Vice President, Finance			

The Corporation shall furnish without charge to each stockholder who so requests a statement of the powers, designations, preferences and relative, participating, optional or other special rights of each class of stock of the Corporation or series thereof and the qualifications, limitations or restrictions of such preferences and/or rights. Such requests shall be made to the Corporation's Secretary at the principal office of the Corporation.

KEEP THIS CERTIFICATE IN A SAFE PLACE. IF IT IS LOST, STOLEN OR DESTROYED THE CORPORATION WILL REQUIRE A BOND INDEMNITY AS A CONDITION TO THE ISSUANCE OF A REPLACEMENT CERTIFICATE.

The following abbreviations, when used in the inscription on the face of this certificate, shall be construed as though they were written out in full according to applicable laws or regulations:

TEN COM	- as tenants in common	UNIF GIFT MIN ACT	-	Custodian	(Minor)
TEN ENT	- as tenants by the entireties			(Cust)	
JT TEN	- as joint tenants with right of survivorship and not as tenants in common			under Uniform Gifts to Minors Act	
COM PROP	- as community property	UNIF TRF MIN ACT	-	(State)	
				Custodian (until age _____)	
				(Cust)	
				under Uniform Transfers to Minors Act	
				(Minor)	
				to Minors Act	
				(State)	

Additional abbreviations may also be used though not in the above list.

FOR VALUE RECEIVED, hereby sell(s), assign(s) and transfer(s) unto

PLEASE INSERT SOCIAL SECURITY OR OTHER IDENTIFYING NUMBER OF ASSIGNEE

(PLEASE PRINT OR TYPEWRITE NAME AND ADDRESS, INCLUDING ZIP CODE, OF ASSIGNEE)

shares
of the capital stock represented by within Certificate, and do hereby irrevocably constitute and appoint
attorney-in-fact to transfer the said stock on the books of the within named Corporation with full power of the substitution in the premises.
Dated

X

X

Signature(s) Guaranteed:

NOTICE: THE SIGNATURE TO THIS ASSIGNMENT MUST CORRESPOND WITH THE NAME AS WRITTEN UPON THE FACE OF THE CERTIFICATE IN EVERY PARTICULAR, WITHOUT ALTERATION OR ENLARGEMENT OR ANY CHANGE WHATSOEVER.

By _____

THE SIGNATURE(S) SHOULD BE GUARANTEED BY AN ELIGIBLE GUARANTOR INSTITUTION, (BANKS, STOCKBROKERS, SAVINGS AND LOAN ASSOCIATIONS AND CREDIT UNIONS WITH MEMBERSHIP IN AN APPROVED SIGNATURE GUARANTEE MEDALLION PROGRAM), PURSUANT TO S.E.C. RULE 17Ad-15. GUARANTEES BY A NOTARY PUBLIC ARE NOT ACCEPTABLE. SIGNATURE GUARANTEES MUST NOT BE DATED.

REGISTRATION RIGHTS AGREEMENT

This Registration Rights Agreement (this “Agreement”) is made as of March 16, 2021 by and between Aeglea BioTherapeutics, Inc., a Delaware corporation (the “Company”), and the persons listed on the attached Schedule A who are signatories to this Agreement (collectively, the “Investors”). Unless otherwise defined herein, capitalized terms used in this Agreement have the respective meanings ascribed to them in Section 1.

RECITALS

WHEREAS, the Company and the Investors wish to provide for certain arrangements with respect to the registration of the Registrable Securities (as defined below) by the Company under the Securities Act (as defined below).

NOW, THEREFORE, in consideration of the mutual promises and covenants set forth herein, and other consideration, the receipt and adequacy of which are hereby acknowledged, the parties hereto agree as follows:

Section 1. Definitions

1.1. Certain Definitions. In addition to the terms defined elsewhere in this Agreement, as used in this Agreement, the following terms have the respective meanings set forth below:

(a) “Block Trade” shall mean an offering of Registrable Securities which requires both the Investors and the Company to enter into a sale agreement and is limited in scope of selling efforts as compared to an Underwritten Offering.

(b) “Board” shall mean the Board of Directors of the Company.

(c) “Commission” shall mean the Securities and Exchange Commission or any other federal agency at the time administering the Securities Act.

(d) “Common Stock” shall mean the common stock of the Company, par value \$0.0001 per share.

(e) “Exchange Act” shall mean the Securities Exchange Act of 1934, as amended, or any similar successor federal statute and the rules and regulations thereunder, all as the same shall be in effect from time to time.

(f) “Governmental Entity” shall mean any federal, state, local or foreign government, or any department, agency, or instrumentality of any government; any public international organization, any transnational governmental organization; any court of competent jurisdiction, arbitral, administrative agency, commission, or other governmental regulatory authority or quasi-governmental authority, any political party; and any national securities exchange or national quotation system.

(g)“Other Securities” shall mean securities of the Company, other than Registrable Securities (as defined below).

(h) “Person” shall mean any individual, partnership, corporation, company, association, trust, joint venture, limited liability company, unincorporated organization, entity or division, or any government, governmental department or agency or political subdivision thereof.

(i)“Registrable Securities” shall mean the shares of Common Stock and any Common Stock issued or issuable upon the exercise or conversion of any other securities (whether equity, debt or otherwise) of the Company now owned or hereafter acquired by any of the Investors. Registrable Securities shall cease to be Registrable Securities upon the earliest to occur of the following events: (i) such Registrable Securities have been sold pursuant to an effective Registration Statement; (ii) such Registrable Securities have been sold by the Investors pursuant to Rule 144 (or other similar rule), (iii) such Registrable Securities may be resold by the Investor holding such Registrable Securities without limitations as to volume or manner of sale pursuant to Rule 144; or (iv) ten (10) years after the date of this Agreement. For purposes of this definition, in order to determine whether an Investor is an “affiliate” (as such term is defined and used in Rule 144, and including for determining whether volume or manner of sale limitations of Rule 144 apply) the parties will assume that all convertible securities (whether equity, debt or otherwise) have been converted into Common Stock without regard to any limitations or conversion applicable thereto.

(j)The terms “register,” “registered” and “registration” shall refer to a registration effected by preparing and filing a Registration Statement in compliance with the Securities Act, and such Registration Statement becoming effective under the Securities Act.

(k)“Registration Expenses” shall mean all expenses incurred by the Company in effecting any registration pursuant to this Agreement, including, without limitation, all registration, qualification, and filing fees, printing expenses, escrow fees, fees and disbursements of counsel for the Company, blue sky fees and expenses, and expenses of any regular or special audits incident to or required by any such registration, but shall not include Selling Expenses.

(l)“Registration Statement” means any registration statement of the Company filed with, or to be filed with, the Commission under the Securities Act, including the related prospectus, amendments and supplements to such registration statement, including pre- and post-effective amendments, and all exhibits and all material incorporated by reference in such registration statement as may be necessary to comply with applicable securities laws other than a registration statement (and related prospectus) filed on Form S-4 or Form S-8 or any successor forms thereto.

(m)“Rule 144” shall mean Rule 144 as promulgated by the Commission under the Securities Act, as such rule may be amended from time to time, or any similar successor rule that may be promulgated by the Commission.

(n)“Securities Act” shall mean the Securities Act of 1933, as amended, or any similar successor federal statute and the rules and regulations thereunder, all as the same shall be in effect from time to time.

(o)“Selling Expenses” shall mean all underwriting discounts and selling commissions applicable to the sale of Registrable Securities, the fees and expenses of any legal counsel and any other advisors any of the Investors engage and all similar fees and commissions relating to the Investors’ disposition of the Registrable Securities.

(p)“Underwritten Offering” shall mean a public offering of Registrable Securities pursuant to an effective registration statement under the Securities Act (other than pursuant to a registration statement on Form S-4 or S-8 or any similar or successor form) which requires the Investors and the Company to enter into an underwriting agreement.

Section 2. Resale Registration Rights

2.1.Resale Registration Rights.

(a)Following demand by any Investor the Company shall file with the Commission a Registration Statement on Form S-3 (except if the Company is not then eligible to register for resale the Registrable Securities on Form S-3, in which case such registration shall be on another appropriate form in accordance with the Securities Act) covering the resale of the Registrable Securities by the Investors (the “Resale Registration Shelf”), and the Company shall file such Resale Registration Shelf as promptly as reasonably practicable following such demand, and in any event within sixty (60) days of such demand. Such Resale Registration Shelf shall include a “final” prospectus, including the information required by Item 507 of Regulation S-K of the Securities Act, as provided by the Investors in accordance with Section 2.7. Notwithstanding the foregoing, before filing the Resale Registration Shelf, the Company shall furnish to the Investors a copy of the Resale Registration Shelf and afford the Investors an opportunity to review and comment on the Resale Registration Shelf. The Company’s obligation pursuant to this Section 2.1(a) is conditioned upon the Investors providing the information contemplated in Section 2.7.

(b)The Company shall use its reasonable best efforts to cause the Resale Registration Shelf and related prospectuses to become effective as promptly as practicable after filing. The Company shall use its reasonable best efforts to cause such Registration Statement to remain effective under the Securities Act until the earlier of the date (i) all Registrable Securities covered by the Resale Registration Shelf have been sold or may be sold freely without limitations or restrictions as to volume or manner of sale pursuant to Rule 144 or (ii) all Registrable Securities covered by the Resale Registration Shelf otherwise cease to be Registrable Securities pursuant to the definition of Registrable Securities. The Company shall promptly, and within two (2) business days after the Company confirms effectiveness of the Resale Registration Shelf with the Commission, notify the Investors of the effectiveness of the Resale Registration Shelf.

(c)Notwithstanding anything contained herein to the contrary, the Company shall not be obligated to effect, or to take any action to effect, a registration pursuant to Section 2.1(a):

(i)if the Company has and maintains an effective Registration Statement on Form S-3ASR that provides for the resale of an unlimited number of securities by selling stockholders (a “Company Registration Shelf”);

(ii)during the period forty-five (45) days prior to the Company's good faith estimate of the date of filing of a Company Registration Shelf; or

(iii)if the Company has caused a Registration Statement to become effective pursuant to this Section 2.1 during the prior twelve (12) month period.

(d)If the Company has a Company Registration Shelf in place at any time in which the Investors make a demand pursuant to Section 2.1(a), the Company shall file with the Commission, as promptly as practicable, and in any event within fifteen (15) business days after such demand, a "final" prospectus supplement to its Company Registration Shelf covering the resale of the Registrable Securities by the Investors (the "Prospectus"); provided, however, that the Company shall not be obligated to file more than one Prospectus pursuant to this Section 2.1(d) in any six month period to add additional Registrable Securities to the Company Registration Shelf that were acquired by the Investors other than directly from the Company or in an underwritten public offering by the Company. The Prospectus shall include the information required under Item 507 of Regulation S-K of the Securities Act, which information shall be provided by the Investors in accordance with Section 2.7. Notwithstanding the foregoing, before filing the Prospectus, the Company shall furnish to the Investors a copy of the Prospectus and afford the Investors an opportunity to review and comment on the Prospectus.

(e)Deferral and Suspension. At any time after being obligated pursuant to this Agreement to file a Resale Registration Shelf or Prospectus, or after any Resale Registration Shelf has become effective or a Prospectus is filed with the Commission, the Company may defer the filing of or suspend the use of any such Resale Registration Shelf or Prospectus, upon giving written notice of such action to the Investors with a certificate signed by the Principal Executive Officer or Principal Financial Officer of the Company stating that in the good faith judgment of the Board, the filing or use of any such Resale Registration Shelf or Prospectus covering the Registrable Securities would be seriously detrimental to the Company or its stockholders at such time (including, without limitation, because the Company reasonably and in good faith believes that there is or may be in existence material nonpublic information or events involving the Company, the failure of which to be disclosed in the prospectus contained in such Restriction Statement, or such Prospectus, could result in a violation by the Company of the Securities Act, Exchange Act any state securities law, or any rule or regulation promulgated thereunder, and disclosure of such material nonpublic information or events would be seriously detrimental to the Company or its stockholders) and that the Board concludes, as a result, that it is in the best interests of the Company and its stockholders to defer the filing or suspend the use of such Resale Registration Shelf or Prospectus at such time. The Company shall have the right to defer the filing of or suspend the use of such Resale Registration Shelf or Prospectus for a period of not more than one hundred twenty (120) days from the date the Company notifies the Investors of such deferral or suspension; provided that the Company shall not exercise the right contained in this Section 2.1(e) more than once in any twelve month period. In the case of the suspension of use of any effective Resale Registration Shelf or Prospectus, the Investors, immediately upon receipt of notice thereof from the Company, shall discontinue any offers or sales of Registrable Securities pursuant to such Resale Registration Shelf or Prospectus until advised in writing by the Company that the use of such Resale Registration Shelf or Prospectus may be resumed. In the case of a deferred Prospectus or Resale Registration Shelf filing, the Company shall provide prompt written notice to the Investors of (i) the Company's decision to file or seek effectiveness

of the Prospectus or Resale Registration Shelf, as the case may be, following such deferral and (ii) in the case of a Resale Registration Shelf, the effectiveness of such Resale Registration Shelf. In the case of either a suspension of use of, or deferred filing of, any Resale Registration Shelf or Prospectus, the Company shall not, during the pendency of such suspension or deferral, be required to take any action hereunder (including any action pursuant to Section 2.2 hereof) with respect to the registration or sale of any Registrable Securities pursuant to any such Resale Registration Shelf, Company Registration Shelf or Prospectus.

(f) Other Securities. Subject to Section 2.2(e) below, any Resale Registration Shelf or Prospectus may include Other Securities, and may include securities of the Company being sold for the account of the Company; provided such Other Securities are excluded first from such Registration Statement in order to comply with any applicable laws or request from any Government Entity, Nasdaq or any applicable listing agency. For the avoidance of doubt, no Other Securities may be included in an Underwritten Offering pursuant to Section 2.2 without the consent of the Investors.

2.2.Sales and Underwritten Offerings of the Registrable Securities.

(a) Notwithstanding any provision contained herein to the contrary, the Investors, collectively, shall and subject to the limitations set forth in this Section 2.2, be permitted (i) one Underwritten Offering per calendar year, but no more than three Underwritten Offerings and eight Block Trades in total, and (ii) no more than two Underwritten Offerings or Block Trades in any twelve month period, to effect the sale or distribution of Registrable Securities.

(b) If the Investors intend to effect an Underwritten Offering or Block Trade pursuant to a Resale Registration Shelf or Company Registration Shelf to sell or otherwise distribute Registrable Securities, they shall so advise the Company and provide as much notice to the Company as reasonably practicable (and, in either case, not less than fifteen (15) business days prior to the Investors' request that the Company file a prospectus supplement to a Resale Registration Shelf or Company Registration Shelf).

(c) In connection with any offering initiated by the Investors pursuant to this Section 2.2 involving an underwriting of shares of Registrable Securities, the Investors shall be entitled to select the underwriter or underwriters for such offering, subject to the consent of the Company, such consent not to be unreasonably withheld, conditioned or delayed.

(d) In connection with any offering initiated by the Investors pursuant to this Section 2.2 involving an Underwritten Offering of Registrable Securities, the Company shall not be required to include any of the Registrable Securities in such underwriting unless the Investors (i) enter into an underwriting agreement in customary form with the underwriter or underwriters, (ii) accept customary terms in such underwriting agreement with regard to representations and warranties relating to ownership of the Registrable Securities and authority and power to enter into such underwriting agreement and (iii) complete and execute all questionnaires, powers of attorney, custody agreements, indemnities and other documents as may be requested by such underwriter or underwriters. Further, the Company shall not be required to include any of the Registrable Securities in such underwriting if (Y) the underwriting agreement proposed by the underwriter or underwriters contains representations, warranties or conditions that are not reasonable in light of the Company's then-current business or (Z) the underwriter, underwriters or the Investors require the Company to participate in any marketing, road show or comparable activity that may be required to complete the orderly sale of shares by the underwriter or underwriters.

(e) If the total amount of securities to be sold in any offering initiated by the Investors pursuant to this Section 2.2 involving an underwriting of shares of Registrable Securities exceeds the amount that the underwriters determine in their sole discretion is compatible with the success of the offering, then the Company shall be required to include in the offering only that number of such securities, including Registrable Securities (subject in each case to the cutback provisions set forth in this Section 2.2(e)), that the underwriters and the Company determine in their sole discretion shall not jeopardize the success of the offering. If the Underwritten Offering has been requested pursuant to Section 2.2(a) hereof, the number of shares that are entitled to be included in the registration and underwriting shall be allocated in the following manner: (a) first, shares of Company equity securities that the Company desires to include in such registration shall be excluded and (b) second, Registrable Securities requested to be included in such registration by the Investors shall be excluded. For the avoidance of doubt, no other person besides the Investors shall be entitled to participate in any Block Trade. To facilitate the allocation of shares in accordance with the above provisions, the Company or the underwriters may round down the number of shares allocated to any of the Investors to the nearest 100 shares.

2.3. Fees and Expenses. All Registration Expenses incurred in connection with registrations pursuant to this Agreement shall be borne by the Company. All Selling Expenses relating to securities registered on behalf of the Investors shall be borne by the Investors.

2.4. Registration Procedures. In the case of each registration of Registrable Securities effected by the Company pursuant to Section 2.1 hereof, the Company shall keep the Investors advised as to the initiation of each such registration and as to the status thereof. The Company shall use its reasonable best efforts, within the limits set forth in this Section 2.4, to:

(a) prepare and file with the Commission such amendments and supplements to such Registration Statement and the prospectuses used in connection with such Registration Statement as may be necessary to keep such Registration Statement effective and current and comply with the provisions of the Securities Act with respect to the disposition of all securities covered by such Registration Statement;

(b) furnish to the Investors such numbers of copies of a prospectus, including preliminary prospectuses, in conformity with the requirements of the Securities Act, and such other documents as the Investors may reasonably request in order to facilitate the disposition of Registrable Securities;

(c) use its reasonable best efforts to register and qualify the Registrable Securities covered by such Registration Statement under such other securities or blue sky laws of such jurisdictions in the United States as shall be reasonably requested by the Investors, provided that the Company shall not be required in connection therewith or as a condition thereto to qualify to do business or to file a general consent to service of process in any such states or jurisdictions;

(d)in the event of an Underwritten Offering or Block Trade, and subject to Section 2.2(d), enter into and perform its obligations under an underwriting agreement or Block Trade sale agreement in usual and customary form (including any “lock-ups” on behalf of the Company and its directors and officers), with the managing underwriter of such offering and take such other usual and customary action as the Investors may reasonably request in order to facilitate the disposition of such Registrable Securities;

(e)notify the Investors at any time when a prospectus relating to a Registration Statement covering any Registrable Securities is required to be delivered under the Securities Act of the happening of any event as a result of which the prospectus included in such Registration Statement, as then in effect, includes an untrue statement of a material fact or omits to state a material fact required to be stated therein or necessary to make the statements therein not misleading in the light of the circumstances then existing. The Company shall use its reasonable best efforts to amend or supplement such prospectus in order to cause such prospectus not to include any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading in the light of the circumstances then existing;

(f)provide a transfer agent and registrar for all Registrable Securities registered pursuant to such Registration Statement and, if required, a CUSIP number for all such Registrable Securities, in each case not later than the effective date of such registration;

(g)if requested by an Investor, use reasonable best efforts to cause the Company’s transfer agent to remove any restrictive legend from any Registrable Securities, within two business days following such request;

(h)cause to be furnished, at the request of the Investors, on the date that Registrable Securities are delivered to underwriters for sale in connection with an Underwritten Offering or Block Trade, (i) an opinion, dated such date, of the counsel representing the Company for the purposes of such registration, in form and substance as is customarily given to underwriters in an underwritten public offering, addressed to the underwriters, and (ii) a letter or letters from the independent certified public accountants of the Company, in form and substance as is customarily given by independent certified public accountants to underwriters in an underwritten public offering, addressed to the underwriters; and

(i)cause all such Registrable Securities included in a Registration Statement pursuant to this Agreement to be listed on each securities exchange or other securities trading markets on which Common Stock is then listed.

2.5.The Investors Obligations.

(a)Discontinuance of Distribution. The Investors agree that, upon receipt of any notice from the Company of the occurrence of any event of the kind described in Section 2.4(e) hereof, the Investors shall immediately discontinue disposition of Registrable Securities pursuant to any Registration Statement covering such Registrable Securities until the Investors’ receipt of the copies of the supplemented or amended prospectus contemplated by Section 2.4(e) hereof or receipt of notice that no supplement or amendment is required and that the Investors’ disposition of the Registrable Securities may be resumed. The Company may provide appropriate stop orders to enforce the provisions of this Section 2.5(a).

(b)Compliance with Prospectus Delivery Requirements. The Investors covenant and agree that they shall comply with the prospectus delivery requirements of the Securities Act as applicable to them or an exemption therefrom in connection with sales of Registrable Securities pursuant to any Registration Statement filed by the Company pursuant to this Agreement.

(c)Notification of Sale of Registrable Securities. The Investors covenant and agree that they shall notify the Company following the sale of Registrable Securities to a third party as promptly as reasonably practicable, and in any event within thirty (30) days, following the sale of such Registrable Securities.

2.6.Indemnification.

(a)To the extent permitted by law, the Company shall indemnify the Investors, and, as applicable, their officers, directors, and constituent partners, legal counsel for each Investor and each Person controlling the Investors, with respect to which registration, related qualification, or related compliance of Registrable Securities has been effected pursuant to this Agreement, and each underwriter, if any, and each Person who controls any underwriter within the meaning of the Securities Act against all claims, losses, damages, or liabilities (or actions in respect thereof) to the extent such claims, losses, damages, or liabilities arise out of or are based upon (i) any untrue statement (or alleged untrue statement) of a material fact contained in any prospectus or other document (including any related Registration Statement) incident to any such registration, qualification, or compliance, or (ii) any omission (or alleged omission) to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, or (iii) any violation or alleged violation by the Company of the Securities Act, the Exchange Act, any state securities law, or any rule or regulation promulgated under the Securities Act, the Exchange Act or any state securities law applicable to the Company and relating to action or inaction required of the Company in connection with any such registration, qualification, or compliance; and the Company shall pay as incurred to the Investors, each such underwriter, and each Person who controls the Investors or underwriter, any legal and any other expenses reasonably incurred in connection with investigating or defending any such claim, loss, damage, liability, or action; provided, however, that the indemnity contained in this Section 2.6(a) shall not apply to amounts paid in settlement of any such claim, loss, damage, liability, or action if settlement is effected without the consent of the Company unless such settlement (x) includes an unconditional release of the Company, in form and substance reasonably satisfactory to the Company, from all liability on claims that are the subject matter of such proceeding and (y) does not include any statement as to or any admission of fault, culpability or a failure to act by or on behalf of the Company; and provided, further, that the Company shall not be liable in any such case to the extent that any such claim, loss, damage, liability, or expense arises out of or is based upon any violation by such Investor of the obligations set forth in Section 2.5 hereof or any untrue statement or omission contained in such prospectus or other document based upon written information furnished to the Company by the Investors, such underwriter, or such controlling Person and stated to be for use therein.

(b) To the extent permitted by law, each Investor (severally and not jointly) shall, if Registrable Securities held by such Investor are included for sale in the registration and related qualification and compliance effected pursuant to this Agreement, indemnify the Company, each of its directors, each officer of the Company who signs the applicable Registration Statement, each legal counsel and each underwriter of the Company's securities covered by such a Registration Statement, each Person who controls the Company or such underwriter within the meaning of the Securities Act against all claims, losses, damages, and liabilities (or actions in respect thereof) arising out of or based upon (i) any untrue statement (or alleged untrue statement) of a material fact contained in any such Registration Statement, or related document, or (ii) any omission (or alleged omission) to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, or (iii) any violation or alleged violation by such Investor of Section 2.5 hereof, the Securities Act, the Exchange Act, any state securities law, or any rule or regulation promulgated under the Securities Act, the Exchange Act or any state securities law applicable to such Investor and relating to action or inaction required of such Investor in connection with any such registration and related qualification and compliance, and shall pay as incurred to such persons, any legal and any other expenses reasonably incurred in connection with investigating or defending any such claim, loss, damage, liability, or action, in each case only to the extent that such untrue statement (or alleged untrue statement) or omission (or alleged omission) is made in (and such violation pertains to) such Registration Statement or related document in reliance upon and in conformity with written information furnished to the Company by such Investor and stated to be specifically for use therein; provided, however, that the indemnity contained in this Section 2.6(b) shall not apply to amounts paid in settlement of any such claim, loss, damage, liability, or action if settlement is effected without the consent of such Investor unless such settlement (x) includes an unconditional release of such Investor, in form and substance reasonably satisfactory to such Investor, from all liability on claims that are the subject matter of such proceeding and (y) does not include any statement as to or any admission of fault, culpability or a failure to act by or on behalf of such Investor ; provided, further, that such Investor's liability under this Section 2.6(b) (when combined with any amounts such Investor is liable for under Section 2.6(d)) shall not exceed such Investor's net proceeds from the offering of securities made in connection with such registration.

(c) Promptly after receipt by an indemnified party under this Section 2.6 of notice of the commencement of any action, such indemnified party shall, if a claim in respect thereof is to be made against an indemnifying party under this Section 2.6, notify the indemnifying party in writing of the commencement thereof and generally summarize such action. The indemnifying party shall have the right to participate in and to assume the defense of such claim; provided, however, that the indemnifying party shall be entitled to select counsel for the defense of such claim with the approval of any parties entitled to indemnification, which approval shall not be unreasonably withheld; provided further, however, that if either party reasonably determines that there may be a conflict between the position of the Company and the Investors in conducting the defense of such action, suit, or proceeding by reason of recognized claims for indemnity under this Section 2.6, then counsel for such party shall be entitled to conduct the defense to the extent reasonably determined by such counsel to be necessary to protect the interest of such party. The failure to notify an indemnifying party promptly of the commencement of any such action, if prejudicial to the ability of the indemnifying party to defend such action, shall relieve such indemnifying party, to the extent so prejudiced, of any liability to the indemnified party under this Section 2.6, but the omission so to notify the indemnifying party shall not relieve such party of any liability that such party may have to any indemnified party otherwise than under this Section 2.6.

(d) If the indemnification provided for in this Section 2.6 is held by a court of competent jurisdiction to be unavailable to an indemnified party with respect to any loss, liability, claim, damage, or expense referred to therein, then the indemnifying party, in lieu of indemnifying such indemnified party hereunder, shall contribute to the amount paid or payable by such indemnified party as a result of such loss, liability, claim, damage, or expense in such proportion as is appropriate to reflect the relative fault of the indemnifying party on the one hand and of the indemnified party on the other in connection with the statements or omissions that resulted in such loss, liability, claim, damage, or expense as well as any other relevant equitable considerations. The relative fault of the indemnifying party and of the indemnified party shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission to state a material fact relates to information supplied by the indemnifying party or by the indemnified party and the parties' relative intent, knowledge, access to information, and opportunity to correct or prevent such statement or omission. In no event, however, shall (i) any amount due for contribution hereunder be in excess of the amount that would otherwise be due under Section 2.6(a) or Section 2.6(b), as applicable, based on the limitations of such provisions and (ii) a Person guilty of fraudulent misrepresentation (within the meaning of the Securities Act) be entitled to contribution from a Person who was not guilty of such fraudulent misrepresentation.

(e) Notwithstanding the foregoing, to the extent that the provisions on indemnification and contribution contained in the underwriting agreement entered into in connection with an Underwritten Offering, or the Block Trade sale agreement, are in conflict with the foregoing provisions, the provisions in the underwriting agreement or Block Trade sale agreement shall control; provided, however, that the failure of the underwriting agreement to provide for or address a matter provided for or addressed by the foregoing provisions shall not be a conflict between the underwriting agreement or the Block Trade sale agreement and the foregoing provisions.

(f) The obligations of the Company and the Investors under this Section 2.6 shall survive the completion of any offering of Registrable Securities in a Registration Statement under this Agreement or otherwise.

2.7. Information. The Investors shall furnish to the Company such information regarding the Investors and the distribution proposed by the Investors as the Company may reasonably request and as shall be reasonably required in connection with any registration referred to in this Agreement. The Investors agree to, as promptly as practicable (and in any event prior to any sales made pursuant to a prospectus), furnish to the Company all information required to be disclosed in order to make the information previously furnished to the Company by the Investors not misleading. The Investors agree to keep confidential the receipt of any notice received pursuant to Section 2.4(e) and the contents thereof, except as required pursuant to applicable law. Notwithstanding anything to the contrary herein, the Company shall be under no obligation to name the Investors in any Registration Statement if the Investors have not provided the information required by this Section 2.7 with respect to the Investors as a selling securityholder in such Registration Statement or any related prospectus.

2.8. Rule 144 Requirements. With a view to making available to the Investors the benefits of Rule 144 and any other rule or regulation of the Commission that may at any time permit the Investors to sell Registrable Securities to the public without registration, the Company agrees to use its reasonable best efforts to:

- (a) make and keep public information available, as those terms are understood and defined in Rule 144 at all times after the date hereof;
- (b) file with the Commission in a timely manner all reports and other documents required of the Company under the Securities Act and the Exchange Act;
- (c) prior to the filing of the Registration Statement or any amendment thereto (whether pre-effective or post-effective), and prior to the filing of any prospectus or prospectus supplement related thereto, to provide the Investors with copies of all of the pages thereof (if any) that reference the Investors; and
- (d) furnish to any Investor, so long as the Investor owns any Registrable Securities, forthwith upon request (i) a written statement by the Company that it has complied with the reporting requirements of Rule 144, (ii) a copy of the most recent annual or quarterly report of the Company and such other reports and documents so filed by the Company, and (iii) such other information as may be reasonably requested by an Investor in availing itself of any rule or regulation of the Commission which permits an Investor to sell any such securities without registration.

2.9. Limitations on Subsequent Registration Rights. From and after the date of this Agreement, the Company shall not, without prior written consent of the Investors, enter into any agreement with any holder or prospective holder of any securities of the Company which would provide to such holder rights with respect to the registration of such securities under the Securities Act or the Exchange Act that would conflict with or adversely affect any of the rights provided to the Investors in this Section 2; it being understood and agreed that any subsequent agreement of the Company with any holder or prospective holder of any securities of the Company of the same class (or convertible into or exchange for securities of the same class) as the Registrable Securities granting such Person rights under this Section 2 equivalent to the rights of the Investors under this Section 2 will not be prohibited by the terms of this Section 2.9.

Section 3. Miscellaneous

3.1. Amendment. No amendment, alteration or modification of any of the provisions of this Agreement shall be binding unless made in writing and signed by each of the Company and the Investors.

3.2. Injunctive Relief. It is hereby agreed and acknowledged that it shall be impossible to measure in money the damages that would be suffered if the parties fail to comply with any of the obligations herein imposed on them and that in the event of any such failure, an aggrieved Person shall be irreparably damaged and shall not have an adequate remedy at law. Any such Person shall, therefore, be entitled (in addition to any other remedy to which it may be entitled in law or in equity) to injunctive relief, including, without limitation, specific performance, to enforce such obligations, and if any action should be brought in equity to enforce any of the provisions of this Agreement, none of the parties hereto shall raise the defense that there is an adequate remedy at law.

3.3.Notices. All notices required or permitted under this Agreement must be in writing and sent to the address or email address identified below. Notices must be given: (a) by personal delivery, with receipt acknowledged; (b) by email followed by hard copy delivered by the methods under clause (c) or (d); (c) by prepaid certified or registered mail, return receipt requested; or (d) by prepaid reputable overnight delivery service. Notices shall be effective upon receipt. Either party may change its notice address by providing the other party written notice of such change. Notices shall be delivered as follows:

If to the Investors: At such Investor's address as set forth on Schedule A hereto

If to the Company: Aeglea BioTherapeutics, Inc.
Attention: Chief Executive Officer
E-mail:
Address: 805 Las Cimas Parkway, Suite 100, Austin, TX 78746

with a copy to: Fenwick & West LLP
Attention: Robert Freedman
E-mail:

3.4.Governing Law; Jurisdiction; Venue; Jury Trial.

(a)This Agreement shall be governed by, and construed in accordance with, the law of the State of New York without giving effect to any choice or conflict of law provision or rule (whether of the State of New York or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than the State of New York.

(b)Each of the Company and the Investors irrevocably and unconditionally submits, for itself and its property, to the nonexclusive jurisdiction of the courts of the State of New York sitting in the Borough of Manhattan, New York and of the United States District Court of the Southern District of New York, and any appellate court from any thereof, in any action or proceeding arising out of or relating to this Agreement and the transactions contemplated herein, or for recognition or enforcement of any judgment, and each of the Company and the Investors irrevocably and unconditionally agrees that all claims in respect of any such action or proceeding may be heard and determined in such New York state court or, to the fullest extent permitted by applicable law, in such federal court. Each of the Company and the Investors hereto agrees that a final judgment in any such action or proceeding shall be conclusive and may be enforced in other jurisdictions by suit on the judgment or in any other manner provided by law.

(c)Each of the Company and the Investors irrevocably and unconditionally waives, to the fullest extent permitted by applicable law, any objection that it may now or hereafter have to the laying of venue of any action or proceeding arising out of or relating to this Agreement and the transactions contemplated herein in any court referred to in Section 3.4(b) hereof. Each of the Company and the Investors hereby irrevocably waives, to the fullest extent permitted by applicable law, the defense of an inconvenient forum to the maintenance of such action or proceeding in any such court.

(d) EACH OF THE COMPANY AND THE INVESTORS HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN ANY LEGAL PROCEEDING DIRECTLY OR INDIRECTLY ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY (WHETHER BASED ON CONTRACT, TORT OR ANY OTHER THEORY). EACH OF THE COMPANY AND THE INVESTORS (A) CERTIFIES THAT NO REPRESENTATIVE, AGENT OR ATTORNEY OF ANY OTHER PERSON HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PERSON WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER AND (B) ACKNOWLEDGES THAT EACH OF THE COMPANY AND THE INVESTORS HAS BEEN INDUCED TO ENTER INTO THIS AGREEMENT BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION.

3.5. Successors, Assigns and Transferees. Any and all rights, duties and obligations hereunder shall not be assigned, transferred, delegated or sublicensed by any party hereto without the prior written consent of the other party; provided, however, that the Investors shall be entitled to transfer Registrable Securities to one or more of their affiliates and, solely in connection therewith, may assign their rights hereunder in respect of such transferred Registrable Securities, in each case, so long as such Investor is not relieved of any liability or obligations hereunder, without the prior consent of the Company. Any transfer or assignment made other than as provided in the first sentence of this Section 3.5 shall be null and void. Subject to the foregoing and except as otherwise provided herein, the provisions of this Agreement shall inure to the benefit of, and be binding upon, the successors, permitted assigns, heirs, executors and administrators of the parties hereto. The Company shall not consummate any recapitalization, merger, consolidation, reorganization or other similar transaction whereby stockholders of the Company receive (either directly, through an exchange, via dividend from the Company or otherwise) equity (the "Other Equity") in any other entity (the "Other Entity") with respect to Registrable Securities hereunder, unless prior to the consummation thereof, the Other Entity assumes, by written instrument, the obligations under this Agreement with respect to such Other Equity as if such Other Equity were Registrable Securities hereunder.

3.6. Entire Agreement. This Agreement, together with any exhibits hereto, constitute the entire agreement between the parties relating to the subject matter hereof and all previous agreements or arrangements between the parties, written or oral, relating to the subject matter hereof are superseded.

3.7. Waiver. No failure on the part of either party hereto to exercise any power, right, privilege or remedy under this Agreement, and no delay on the part of either party hereto in exercising any power, right, privilege or remedy under this Agreement, shall operate as a waiver thereof; and no single or partial exercise of any such power, right, privilege or remedy shall preclude any other or further exercise thereof or of any other power, right, privilege or remedy.

3.8. Severability. If any part of this Agreement is declared invalid or unenforceable by any court of competent jurisdiction, such declaration shall not affect the remainder of the Agreement and the invalidated provision shall be revised in a manner that shall render such provision valid while preserving the parties' original intent to the maximum extent possible.

3.9.Titles and Subtitles. The titles and subtitles used in this Agreement are used for convenience only and are not to be considered in construing or interpreting this Agreement. All references in this Agreement to sections, paragraphs and exhibits shall, unless otherwise provided, refer to sections and paragraphs hereof and exhibits attached hereto.

3.10.Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be enforceable against the parties that execute such counterparts (including by facsimile or other electronic means), and all of which together shall constitute one instrument.

3.11.Term and Termination. The Investors' rights to demand the registration of the Registrable Securities under this Agreement, as well as the Company's obligations hereunder other than pursuant to Section 2.6 hereof, shall terminate automatically once all Registrable Securities cease to be Registrable Securities pursuant to the terms of this Agreement.

[Remainder of Page Intentionally Left Blank; Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have executed this Registration Rights Agreement effective as of the day, month and year first above written.

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Anthony Quinn
Name: Anthony Quinn
Title: Chief Executive Officer

[Signature Page to Registration Rights Agreement]

IN WITNESS WHEREOF, the parties hereto have executed this Registration Rights Agreement effective as of the day, month and year first above written.

667, L.P.

By: BAKER BROS. ADVISORS LP, management company and investment adviser to 667, L.P., pursuant to authority granted to it by Baker Biotech Capital, L.P., general partner to 667, L.P., and not as the general partner

By: /s/ Scott L. Lessing

Scott L. Lessing
President

BAKER BROTHERS LIFE SCIENCES, L.P.

By: BAKER BROS. ADVISORS LP, management company and investment adviser to BAKER BROTHERS LIFE SCIENCES, L.P., pursuant to authority granted to it by Baker Brothers Life Sciences Capital, L.P., general partner to BAKER BROTHERS LIFE SCIENCES, L.P., and not as the general partner

By: /s/ Scott L. Lessing

Scott L. Lessing
President

[Signature Page to Registration Rights Agreement]

Schedule A

The Investors

667, L.P.
BAKER BROTHERS LIFE SCIENCES, L.P.]

To the above Investors:
Baker Brothers Investments
860 Washington Street
New York, NY 10014
Attn: Scott Lessing
Email:

With a copy to:
Akin Gump Strauss Hauer & Feld LLP
Attn: Jeffrey Kochian
Email:
One Bryant Park
New York, NY 10036-6745

REGISTRATION RIGHTS AGREEMENT

This Registration Rights Agreement (this “*Agreement*”) is dated as of June 22, 2023, by and among Aeglea BioTherapeutics, Inc., a Delaware corporation (the “*Company*”), and the several purchasers signatory hereto (each, including its successors and assigns, a “*Purchaser*” and collectively, the “*Purchasers*”).

This Agreement is made pursuant to the Securities Purchase Agreement, dated as of the date hereof, between the Company and each Purchaser (the “*Purchase Agreement*”).

NOW, THEREFORE, IN CONSIDERATION of the mutual covenants contained in this Agreement, and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Company and each of the Purchasers agree as follows:

1. **Definitions.** Capitalized terms used and not otherwise defined herein that are defined in the Purchase Agreement shall have the meanings given such terms in the Purchase Agreement. As used in this Agreement, the following terms shall have the following meanings:

“*Advice*” has the meaning set forth in Section 6(d).

“*Affiliate*” means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 of the Securities Act of 1933, as amended.

“*Agreement*” has the meaning set forth in the Preamble.

“*Business Day*” means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in the State of New York are authorized or required by law or other governmental action to close.

“*Common Stock*” means the Company’s common stock, par value \$0.0001 per share, and stock of any other class of securities into which such securities may hereafter be reclassified or changed.

“*Company*” has the meaning set forth in the Preamble.

“*Effective Date*” means the date that the Registration Statement filed pursuant to Section 2(a) is first declared effective by the Commission.

“*Effectiveness Deadline*” means, with respect to the Initial Registration Statement or the New Registration Statement, the thirtieth (30th) calendar day following the Filing Deadline (or, in the event the Commission reviews and has written comments to the Initial Registration Statement or the New Registration Statement, the sixtieth (60th) calendar day following the Filing Deadline); provided, however, that if the Company is notified by the Commission that the Initial Registration Statement or the New Registration Statement will not be reviewed or is no longer subject to further review and comments, the Effectiveness Deadline as to such Registration Statement shall be the fifth (5th) Trading Day following the date on which the Company is so notified if such date precedes the dates otherwise required above; provided, further, that if the Effectiveness Deadline falls on a Saturday, Sunday or other day that the Commission is closed for business, the Effectiveness Deadline shall be extended to the next Business Day on which the Commission is open for business.

“*Effectiveness Period*” has the meaning set forth in Section 2(b).

“*Exchange Act*” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“*Filing Deadline*” means, with respect to the Initial Registration Statement required to be filed pursuant to Section 2(a), the forty-fifth (45th) calendar day following the Closing Date, provided, however, that if the Filing Deadline falls on a Saturday, Sunday or other day that the Commission is closed for business, the Filing Deadline shall be extended to the next Business Day on which the Commission is open for business.

“*FINRA*” has the meaning set forth in Section 3(i).

“*Holder*” or “*Holders*” means the holder or holders, as the case may be, from time to time of Registrable Securities.

“*Indemnified Party*” has the meaning set forth in Section 5(c).

“*Indemnifying Party*” has the meaning set forth in Section 5(c).

“*Initial Registration Statement*” has the meaning set forth in Section 2(a).

“*Losses*” has the meaning set forth in Section 5(a).

“*New Registration Statement*” has the meaning set forth in Section 2(a).

“*Person*” means an individual or a corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“*Principal Market*” means the Trading Market on which the Common Stock are primarily listed on and quoted for trading, which, as of the Closing Date, shall be the Nasdaq Global Market.

“*Proceeding*” means an action, claim, suit, investigation or proceeding (including, without limitation, an investigation or partial proceeding, such as a deposition), whether commenced or threatened.

“*Prospectus*” means the prospectus included in a Registration Statement (including, without limitation, a prospectus that includes any information previously omitted from a prospectus filed as part of an effective registration statement in reliance upon Rule 430B promulgated under the Securities Act), as amended or supplemented by any prospectus supplement, with respect to the terms of the offering of any portion of the Registrable Securities covered by a Registration Statement, and all other amendments and supplements to the Prospectus, including post-effective amendments, and all material incorporated by reference or deemed to be incorporated by reference in such Prospectus.

“*Purchase Agreement*” has the meaning set forth in the Recitals.

“*Purchaser*” or “*Purchasers*” has the meaning set forth in the Preamble.

“*Registrable Securities*” means all of (i) the Shares, (ii) the Series A Preferred Stock issued pursuant to the Purchase Agreement, (iii) any Common Stock issued on or around the date hereof pursuant to that certain Agreement and Plan of Merger, dated as of the date hereof, by and among the Company, Aspen Merger Sub I, Inc., a Delaware corporation and wholly owned subsidiary of Parent,

Sequoia Merger Sub II, LLC, a Delaware limited liability company and wholly owned subsidiary of Parent, and Spyre Therapeutics, Inc., and (iv) any securities issued or issuable upon any stock split, dividend or other distribution, recapitalization or similar event with respect to the foregoing, provided that, with respect to a particular Holder, such Holder's Shares shall cease to be Registrable Securities upon the earlier to occur of the following: (A) a sale pursuant to a Registration Statement or Rule 144 under the Securities Act (in which case, only such security sold by the Holder shall cease to be a Registrable Security); and (B) such Shares become eligible for resale by the Holder under Rule 144 without the requirement for the Company to be in compliance with the current public information required thereunder and without volume or manner-of-sale restrictions, pursuant to a written opinion letter of counsel for the Company to such effect, addressed, delivered and reasonably acceptable to the Transfer Agent.

"Registration Statements" means any one or more registration statements of the Company filed under the Securities Act that cover the resale of any of the Registrable Securities pursuant to the provisions of this Agreement (including without limitation the Initial Registration Statement, any New Registration Statement and any Remainder Registration Statements), amendments and supplements to such Registration Statements, including post-effective amendments, all exhibits and all material incorporated by reference or deemed to be incorporated by reference in such Registration Statements.

"Remainder Registration Statement" has the meaning set forth in Section 2(a).

"Rule 144" means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

"Rule 172" means Rule 172 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

"Rule 415" means Rule 415 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

"Rule 424" means Rule 424 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

"Rule 461" means Rule 461 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

"SEC Guidance" means (i) any publicly-available written or oral guidance, comments, requirements or requests of the Commission staff; provided, that any such oral guidance, comments, requirements or requests are reduced to writing by the Commission and (ii) the Securities Act.

"Securities Act" means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

"Selling Shareholder Questionnaire" means a questionnaire in the form attached as Annex B hereto, or such other form of questionnaire or information provided to the Company in connection with the preparation of a Registration Statement hereunder.

“*Series A Preferred Stock*” means the Series A Non-Voting Convertible Preferred Stock, par value \$0.0001 per share, of the Company.

“*Shares*” means the shares of Common Stock which may be issued upon conversion of the Series A Preferred Stock held by Purchasers.

“*Trading Day*” means a day on which the Principal Market is open for business.

“*Trading Market*” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, or the New York Stock Exchange (or any successors to any of the foregoing).

2. Registration.

(a) On or prior to the Filing Deadline, the Company shall prepare and file with the Commission a Registration Statement covering the resale of all of the Registrable Securities for an offering to be made on a continuous basis pursuant to Rule 415 (the “*Initial Registration Statement*”). The Initial Registration Statement shall be on Form S-3 (except if the Company is then ineligible to register for resale the Registrable Securities on Form S-3, in which case such registration shall be on such other form available to register for resale the Registrable Securities as a secondary offering) subject to the provisions of Section 2(c) and shall contain (except if otherwise required pursuant to written comments received from the Commission upon a review of such Registration Statement) the “Plan of Distribution” section substantially in the form attached hereto as Annex A (which may be modified to respond to comments, if any, provided by the Commission). Notwithstanding the registration obligations set forth in this Section 2, in the event the Commission informs the Company that all of the Registrable Securities cannot, as a result of the application of Rule 415, be registered for resale as a secondary offering on a single registration statement, the Company agrees to promptly (i) inform each of the Holders thereof and use its commercially reasonable efforts to file amendments to the Initial Registration Statement as required by the Commission and/or (ii) withdraw the Initial Registration Statement and file a new registration statement (a “*New Registration Statement*”), in either case covering the maximum number of Registrable Securities permitted to be registered by the Commission, on Form S-3 or, if the Company is ineligible to register the Registrable Securities on Form S-3, such other form available to register for resale the Registrable Securities as a secondary offering; *provided, however*, that prior to filing such amendment or New Registration Statement, the Company shall be obligated to use its commercially reasonable efforts to advocate with the Commission for the registration of all of the Registrable Securities in accordance with the SEC Guidance, including without limitation, the Securities Act Rules Compliance and Disclosure Interpretations Question 612.09. Notwithstanding any other provision of this Agreement, if the Commission or any SEC Guidance sets forth a limitation of the number of Registrable Securities permitted to be registered on a particular Registration Statement as a secondary offering (and notwithstanding that the Company used diligent efforts to advocate with the Commission for the registration of all or a greater number of Registrable Securities), unless otherwise directed in writing by a Holder as to its Registrable Securities, the number of Registrable Securities to be registered on such Registration Statement will first be reduced by Registrable Securities not acquired pursuant to the Purchase Agreement (whether pursuant to registration rights or otherwise), and second by Registrable Securities represented by Shares applied to the Holders on a pro rata basis based on the total number of Shares held by such Holders, subject to a determination by the Commission that certain Holders must be reduced first based on the number of Shares held by such Holders. In the event of a cutback hereunder, the Company shall give the Holder at least one (1) Trading Day prior notice along with the calculations as to such Holder’s allotment. In the event the Company amends the Initial Registration Statement or files a New Registration Statement, as the case may be, in accordance with the foregoing, the Company will use

its commercially reasonable efforts to file with the Commission, as promptly as allowed by Commission or SEC Guidance provided to the Company or to registrants of securities in general, one or more registration statements on Form S-3 or such other form available to register for resale those Registrable Securities that were not registered for resale on the Initial Registration Statement, as amended, or the New Registration Statement (the “*Remainder Registration Statements*”). No Holder shall be named as an “underwriter” in any Registration Statement without such Holder’s prior written consent.

(b) The Company shall use its commercially reasonable efforts to cause each Registration Statement to be declared effective by the Commission as soon as practicable and, with respect to the Initial Registration Statement or the New Registration Statement, as applicable, no later than the Effectiveness Deadline (including filing with the Commission a request for acceleration of effectiveness in accordance with Rule 461 promulgated under the Securities Act), and shall use its commercially reasonable efforts to keep each Registration Statement continuously effective under the Securities Act until the earlier of (i) such time as all of the Registrable Securities covered by such Registration Statement have been publicly sold by the Holders; or (ii) the date that all Registrable Securities covered by such Registration Statement may be sold by non-affiliates without volume or manner-of-sale restrictions pursuant to Rule 144, without the requirement for the Company to be in compliance with the current public information requirement under Rule 144 (the “*Effectiveness Period*”). The Company shall request effectiveness of a Registration Statement as of 4:00 P.M. New York City time on a Trading Day. The Company shall promptly notify the Holders via e-mail of the effectiveness of a Registration Statement or any post-effective amendment thereto on the same Trading Day that the Company telephonically confirms effectiveness with the Commission, which date of confirmation shall initially be the date requested for effectiveness of such Registration Statement. The Company shall, by 9:30 A.M. New York City time on the first Trading Day after the Effective Date, file a final Prospectus with the Commission, as required by Rule 424(b) and shall provide the Purchasers with copies of the final Prospectus to be used in connection with the sale or other disposition of the securities covered thereby. The Company shall promptly inform each Holder in writing if, at any time during the Effectiveness Period, the Company does not satisfy the conditions specified in Rule 172 and, as a result thereof, the Holder is required to deliver a Prospectus in connection with any disposition of Registrable Securities.

(c) Each Holder of Registrable Securities to be sold agrees to furnish to the Company a completed Selling Shareholder Questionnaire not more than five (5) Trading Days following the date of this Agreement. At least 10 Trading Days prior to the first anticipated filing date of a Registration Statement for any registration under this Agreement, the Company will notify each Holder of the information the Company requires from that Holder for inclusion in the Registration Statement other than the information contained in the Selling Shareholder Questionnaire, if any, which shall be completed and delivered to the Company promptly upon request and, in any event, within three (3) Trading Days prior to the applicable anticipated filing date. Each Holder further agrees that it shall not be entitled to be named as a selling securityholder in the Registration Statement or use the Prospectus for offers and resales of Registrable Securities at any time, unless such Holder has provided such information to the Company and responded to any reasonable requests for further information as described in the previous sentence. Each Holder acknowledges and agrees that the information in the Selling Shareholder Questionnaire or request for further information as described in this Section 2(c) will be used by the Company in the preparation of the Registration Statement and hereby consents to the inclusion of such information in the Registration Statement (subject to such Holder’s right to timely review the Registration Statement as set forth herein).

(d) In the event that Form S-3 is not available for the registration of the resale of Registrable Securities hereunder, the Company shall (i) register the resale of the Registrable Securities on another appropriate form reasonably acceptable to the Holders and (ii) undertake to register the Registrable Securities on Form S-3 promptly after such form is available, *provided* that the Company shall maintain the effectiveness of the Registration Statement then in effect until such time as a Registration Statement on Form S-3 covering the Registrable Securities has been declared effective by the Commission.

(e) If (i) a Registration Statement covering the Registrable Securities is not filed with the Commission on or prior to the Filing Deadline, the Company will make pro rata payments to each Purchaser then holding Registrable Securities, or (ii) following receipt of the Requisite Stockholder Approval, (A) a Registration Statement covering the Registrable Securities is not declared effective by the Commission prior to the Effectiveness Deadline or (B) after a Registration Statement has been declared effective by the Commission, (1) such Registration Statement ceases for any reason (including, without limitation, by reason of a stop order, or the Company's failure to update the Registration Statement) to remain continuously effective as to sell all Registrable Securities for which it is required to be effective, (2) the Purchasers are not permitted to utilize the Prospectus therein to resell such Registrable Securities (other than during permitted suspension under Section 6(d)), or (3) a permitted suspension of the Registration Statement under Section 6(d) exceeds the length set forth therein, (each of the foregoing events in clauses (i) and (ii), a "*Registration Failure*"), then, in addition to any other rights the Purchasers may have hereunder or under applicable law, the Company will make pro rata payments to each Purchaser of then outstanding Registrable Securities, as liquidated damages and not as a penalty (the "*Liquidated Damages*"), in an amount equal to one percent (1.0%) of the aggregate amount invested by such Purchaser for the Registrable Securities then held by such Purchaser for the initial day of a Registration Failure and for each thirty (30) day period (or pro rata portion thereof with respect to a final period, if any) thereafter until the Registration Failure is cured. The Liquidated Damages shall be paid monthly within ten (10) Business Days of the date of such Registration Failure and the end of each subsequent thirty (30) day period (or portion thereof with respect to a final period, if any) thereafter until the Registration Failure is cured. Such payments shall be made in cash to each Purchaser then holding Registrable Securities. Interest shall accrue at the rate of one percent (1%) per month on any such liquidated damages payments that shall not be paid by the applicable payment date until such amount is paid in full. Notwithstanding the foregoing, (I) no Liquidated Damages shall be payable with respect to any period after the expiration of the Effectiveness Period (as defined below) (it being understood that this sentence shall not relieve the Company of any Liquidated Damages accruing prior to the expiration of the Effectiveness Period), (II) in no event shall the aggregate amount of Liquidated Damages payable to a Purchaser exceed, in the aggregate, five percent (5.0%) of the aggregate purchase price paid by such Purchaser pursuant to the Purchase Agreement and (III) no Liquidated Damages shall accrue or be payable with respect to any reduction in the number of Registrable Securities to be included in a Registration Statement due to the application of Rule 415 as set forth in Section 2(a).

3. Registration Procedures

In connection with the Company's registration obligations hereunder, the Company shall:

(a) Not less than five (5) Trading Days prior to the filing of each Registration Statement and not less than two (2) Trading Days prior to the filing of any related Prospectus or any amendment or supplement thereto (except for Annual Reports on Form 10-K, and Quarterly Reports on Form 10-Q and Current Reports on Form 8-K and any similar or successor reports), (i) furnish to each Holder copies of such Registration Statement, Prospectus or amendment or supplement thereto, as proposed to be filed, which documents will be subject to the review of such Holder (it being acknowledged and agreed that if a Holder does not object to or comment on the aforementioned documents within such five (5) Trading Day or two (2) Trading Day period, as the case may be, then the Holder shall be deemed to have consented to and approved the use of such documents) and (ii) to the extent that a Holder is identified in the Registration Statement as an "underwriter" (as defined in the Securities Act), use commercially reasonable efforts to cause its officers and directors, counsel and independent registered public accountants to respond to such inquiries as shall be necessary, in the reasonable opinion of respective

counsel to each Holder, to conduct a reasonable investigation within the meaning of the Securities Act. The Company shall not file any Registration Statement or amendment or supplement thereto in a form to which a Holder reasonably objects in good faith, provided that, such Holder notifies the Company of such objection in writing within the five (5) Trading Day or two (2) Trading Day periods described above, as applicable.

(b) (i) Prepare and file with the Commission such amendments (including post-effective amendments) and supplements, to each Registration Statement and the Prospectus used in connection therewith as may be necessary to keep such Registration Statement continuously effective as to the applicable Registrable Securities for its Effectiveness Period and prepare and file with the Commission such additional Registration Statements in order to register for resale under the Securities Act all of the Registrable Securities; (ii) cause the related Prospectus to be amended or supplemented by any required Prospectus supplement (subject to the terms of this Agreement), and, as so supplemented or amended, to be filed pursuant to Rule 424; (iii) respond as promptly as reasonably practicable to any comments received from the Commission with respect to each Registration Statement or any amendment thereto and, as promptly as reasonably possible, provide the Holders true and complete copies of all correspondence from and to the Commission relating to such Registration Statement that pertains to the Holders as “Selling Stockholders” but not any comments that would result in the disclosure to the Holders of material and non-public information concerning the Company (unless such Holder consents to receive such material and non-public information); and (iv) comply with the provisions of the Securities Act and the Exchange Act with respect to the disposition of all Registrable Securities covered by a Registration Statement until such time as all of such Registrable Securities shall have been disposed of (subject to the terms of this Agreement) in accordance with the intended methods of disposition by the Holders thereof as set forth in such Registration Statement as so amended or in such Prospectus as so supplemented; *provided, however*, that each Purchaser shall be responsible for the delivery of the Prospectus to the Persons to whom such Purchaser sells any of the Registrable Securities (including in accordance with Rule 172 under the Securities Act) to the extent required under the Securities Act, and each Purchaser agrees to dispose of Registrable Securities in compliance with the “Plan of Distribution” described in the Registration Statement and otherwise in compliance with applicable federal and state securities laws. In the case of amendments and supplements to a Registration Statement which are required to be filed pursuant to this Agreement (including pursuant to this Section 3(b)) by reason of the Company filing a report on Form 10-K, Form 10-Q or Form 8-K or any analogous report under the Exchange Act, the Company shall have incorporated such report by reference into such Registration Statement, if applicable, or shall file such amendments or supplements with the Commission on the same day on which the Exchange Act report which created the requirement for the Company to amend or supplement such Registration Statement was filed.

(c) Notify the Holders of Registrable Securities to be sold (which notice shall, if given pursuant to clauses (iii) through (vi) hereof, be accompanied by an instruction to suspend the use of the Prospectus until the requisite changes have been made, provided that the Company shall omit any material, non-public information relating to the Company and/or any of its subsidiaries) as promptly as reasonably practicable (and, in the case of (i) (A) below, not less than one (1) Trading Day prior to such filing) and (if requested by any such Person) confirm such notice in writing no later than one (1) Trading Day following the day: (i)(A) when a Prospectus or any Prospectus supplement or post-effective amendment to a Registration Statement is proposed to be filed; (B) when the Commission notifies the Company whether there will be a “review” of such Registration Statement and whenever the Commission comments in writing on any Registration Statement (in which case the Company shall provide to each of the Holders true and complete copies of all comments that pertain to the Holders as a “Selling Stockholder” or to the “Plan of Distribution” and all written responses thereto, but not information that the Company believes would constitute material and non-public information); and (C) with respect to each Registration Statement or any post-effective amendment, when the same has become effective; (ii)

of any request by the Commission or any other Federal or state governmental authority for amendments or supplements to a Registration Statement or Prospectus or for additional information that pertains to the Holders as “Selling Stockholders” or the “Plan of Distribution”; (iii) of the issuance by the Commission or any other federal or state governmental authority of any stop order suspending the effectiveness of a Registration Statement covering any or all of the Registrable Securities or the initiation of any Proceedings for that purpose; (iv) of the receipt by the Company of any notification with respect to the suspension of the qualification or exemption from qualification of any of the Registrable Securities for sale in any jurisdiction, or the initiation or threatening of any Proceeding for such purpose; (v) of the occurrence of any event or passage of time that makes the financial statements included or incorporated by reference in a Registration Statement ineligible for inclusion or incorporation by reference therein or any statement made in such Registration Statement or Prospectus or any document incorporated or deemed to be incorporated therein by reference untrue in any material respect or that requires any revisions to such Registration Statement, Prospectus or other documents so that, in the case of such Registration Statement or the Prospectus, as the case may be, it will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein (in the case of any Prospectus, form of prospectus or supplement thereto, in light of the circumstances under which they were made), not misleading and (vi) of the occurrence or existence of any pending corporate development with respect to the Company that, upon the advice of legal counsel, the Company’s board of directors reasonably believes may be material and that, in the reasonable determination of the Company’s board of directors, makes it not in the best interest of the Company to allow continued availability of a Registration Statement or Prospectus, *provided* that, any and all such information shall remain confidential to each Holder until such information otherwise becomes public, unless disclosure by a Holder is required by law; and *provided, further*, that notwithstanding each Holder’s agreement to keep such information confidential, each such Holder makes no acknowledgement that any such information is material, non-public information.

(d) Use commercially reasonable efforts to avoid the issuance of, or, if issued, obtain the withdrawal of (i) any order stopping or suspending the effectiveness of a Registration Statement, or (ii) any suspension of the qualification (or exemption from qualification) of any of the Registrable Securities for sale in any jurisdiction, as soon as practicable.

(e) If requested by a Holder, furnish to such Holder, without charge, at least one conformed copy of each Registration Statement and each amendment thereto, including financial statements and schedules, all documents incorporated or deemed to be incorporated therein by reference to the extent requested by such Person, and all exhibits to the extent requested by such Person (including those previously furnished or incorporated by reference) promptly after the filing of such documents with the Commission; *provided*, that the Company shall have no obligation to provide any document pursuant to this clause that is available on the Commission’s EDGAR system.

(f) Prior to any resale of Registrable Securities by a Holder, use its commercially reasonable efforts to register or qualify or cooperate with the selling Holders in connection with the registration or qualification (or exemption from the registration or qualification) of the resale of such Registrable Securities (or, in the case of qualification, of such Registrable Securities for the resale) by the Holder under the securities or blue sky laws of such jurisdictions within the United States as any Holder reasonably requests in writing, to keep each registration or qualification (or exemption therefrom) effective during the Effectiveness Period and to do any and all other acts or things reasonably necessary to enable the disposition in such jurisdictions of the Registrable Securities covered by each Registration Statement; *provided*, that the Company shall not be required to qualify generally to do business in any jurisdiction where it is not then so qualified, subject the Company to any material tax in any such jurisdiction where it is not then so subject or file a general consent to service of process in any such jurisdiction.

(g) Cooperate with such Holder to facilitate the timely preparation and delivery of certificates or book entry statements, as applicable, representing Registrable Securities to be delivered to a transferee pursuant to the Registration Statement, which certificates or statements shall be free, to the extent permitted by the Purchase Agreement and under law, of all restrictive legends, and to enable such Registrable Securities to be in such denominations and registered in such names as any such Holders may reasonably request.

(h) Following the occurrence of any event contemplated by Section 3(c), as promptly as reasonably practicable (taking into account the Company's good faith assessment of any adverse consequences to the Company and its shareholders of the premature disclosure of such event), prepare a supplement or amendment, including a post-effective amendment, to the affected Registration Statements or a supplement to the related Prospectus or any document incorporated or deemed to be incorporated therein by reference, and file any other required document so that, as thereafter delivered, no Registration Statement nor any Prospectus will contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein (in the case of any Prospectus, form of prospectus or supplement thereto, in light of the circumstances under which they were made), not misleading. If the Company notifies the Holders in accordance with clauses (iii) through (vi) of Section 3(c), above to suspend the use of any Prospectus until the requisite changes to such Prospectus have been made, then the Holders shall suspend use of such Prospectus. The Company will use its commercially reasonable efforts to ensure that the use of the Prospectus may be resumed as promptly as is practicable. The Company shall be entitled to exercise its right under this Section 3(h) to suspend the availability of a Registration Statement and Prospectus in accordance with the time periods set forth in Section 6(d), which may be extended only in accordance with Section 6(f). For the avoidance of doubt, the Company's rights under this Section 3(h) shall include suspensions of availability arising from the filing of a post-effective amendment to a Registration Statement to update the Prospectus therein to include the information contained in the Company's Annual Report on Form 10-K, which suspensions may extend for the amount of time reasonably required to respond to any comments of the staff of the Commission on such amendment.

(i) The Company may require each selling Holder to furnish to the Company a certified statement as to (i) the number of shares of Common Stock beneficially owned by such Holder and any Affiliate thereof, (ii) any Financial Industry Regulatory Authority ("*FINRA*") affiliations, (iii) any natural persons who have the power to vote or dispose of the Common Stock and (iv) any other information as may be requested by the Commission, FINRA or any state securities commission.

(j) The Company shall cooperate with any registered broker through which a Holder proposes to resell its Registrable Securities in effecting a filing with FINRA pursuant to FINRA Rule 5110 as requested by any such Holder and the Company shall pay the filing fee required for the first such filing within two (2) Business Days of the request therefor.

(k) If at any time the Commission takes the position that the offering of some or all of the Registrable Securities in a Registration Statement is not eligible to be made on a delayed or continuous basis under the provisions of Rule 415 under the Securities Act or requires any Holder to be named as an "underwriter," the Company shall use commercially reasonable efforts to persuade the Commission that the offering contemplated by such Registration Statement is a valid secondary offering and not an offering "by or on behalf of the issuer" as defined in Rule 415 and that none of the Holders is an "underwriter."

4. Registration Expenses. All fees and expenses incident to the Company's performance of or compliance with its obligations under this Agreement (excluding any underwriting discounts and selling commissions and all legal fees and expenses of legal counsel for any Holder) shall be borne by the

Company whether or not any Registrable Securities are sold pursuant to a Registration Statement. The fees and expenses referred to in the foregoing sentence shall include, without limitation, (i) all registration and filing fees (including, without limitation, fees and expenses of the Company's counsel and independent registered public accountants (A) with respect to filings required to be made with any Trading Market on which the Common Stock are then listed for trading, (B) with respect to compliance with applicable state securities or blue sky laws (including, without limitation, fees and disbursements of counsel for the Company in connection with blue sky qualifications or exemptions of the Registrable Securities and determination of the eligibility of the Registrable Securities for investment under the laws of such jurisdictions as requested by the Holders) and (C) if not previously paid by the Company in connection with Section 3(j) above, with respect to any filing that may be required to be made by any broker through which a Holder intends to make sales of Registrable Securities with FINRA pursuant to the FINRA Rule 5110, so long as the broker is receiving no more than a customary brokerage commission in connection with such sale), (ii) printing expenses (including, without limitation, expenses of printing certificates for Registrable Securities and of printing prospectuses if the printing of prospectuses is reasonably requested by the Holders of a majority of the Registrable Securities included in the Registration Statement), (iii) messenger, telephone and delivery expenses, (iv) fees, expenses and disbursements of counsel for the Company, (v) Securities Act liability insurance, if the Company so desires such insurance, and (vi) fees and expenses of all other Persons retained by the Company in connection with the registrations and consummation of the transactions contemplated by this Agreement. In addition, the Company shall be responsible for all of its internal expenses incurred in connection with the consummation of the transactions contemplated by this Agreement (including, without limitation, all salaries and expenses of its officers and employees performing legal or accounting duties), the expense of any annual audit and the fees and expenses incurred in connection with the listing of the Registrable Securities on any securities exchange as required hereunder. In no event shall the Company be responsible for any underwriting, broker or similar fees or commissions of any Holder or, except to the extent provided for in the Transaction Documents, any legal fees or other costs of the Holders.

5. Indemnification.

(a) Indemnification by the Company. The Company shall, notwithstanding any termination of this Agreement, indemnify, defend and hold harmless each Holder and each of their respective officers, directors, agents, partners, members, managers, stockholders, Affiliates, investment advisers and employees of each of them, each Person who controls any such Holder (within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act) and the officers, directors, partners, members, managers, stockholders, agents, investment advisers and employees of each such controlling Person, to the fullest extent permitted by applicable law, from and against any and all losses, claims, damages, liabilities, costs (including, without limitation, reasonable costs of preparation and investigation and reasonable attorneys' fees), expenses and disbursements (collectively, "*Losses*"), as incurred, that arise out of or are based upon (i) any untrue or alleged untrue statement of a material fact contained in any Registration Statement, any Prospectus or any form of prospectus or in any amendment or supplement thereto or in any preliminary prospectus, or arising out of or relating to any omission or alleged omission to state a material fact required to be stated therein or necessary to make the statements therein (in the case of any Prospectus or form of prospectus or supplement thereto, in light of the circumstances under which they were made) not misleading, or (ii) any violation or alleged violation by the Company or its agents of the Securities Act, the Exchange Act or any state securities law or any rule or regulation thereunder, in connection with the performance of its obligations under this Agreement or any action or inaction required of the Company in connection with any registration, except to the extent, but only to the extent, that (A) such untrue statements, alleged untrue statements, omissions or alleged omissions are based solely upon information regarding such Holder furnished in writing to the Company by such Holder expressly for use therein, or to the extent that such information relates to such Holder or such Holder's proposed method of distribution of Registrable Securities and was reviewed and approved in writing by

such Holder expressly for use in the Registration Statement, such Prospectus or such form of Prospectus or in any amendment or supplement thereto (it being understood that each Holder has approved Annex A hereto for this purpose), (B) in the case of an occurrence of an event of the type specified in Section 3(c)(iii)-(vi), related to the use by a Holder of an outdated or defective Prospectus after the Company has notified such Holder in writing that the Prospectus is outdated or defective and prior to the receipt by such Holder of the Advice contemplated and defined in Section 6(d) below, to the extent that following the receipt of the Advice the misstatement or omission giving rise to such Loss would have been corrected or (C) to the extent that any such Losses arise out of the Purchaser's (or any other indemnified Person's) failure to send or give a copy of the Prospectus or supplement (as then amended or supplemented), if required, pursuant to Rule 172 under the Securities Act (or any successor rule) to the Persons asserting an untrue statement or alleged untrue statement or alleged untrue statement or omission or alleged omission at or prior to the written confirmation of the sale of Registrable Securities to such Person if such statement or omission was corrected in such Prospectus or supplement. The Company shall notify the Holders promptly of the institution, threat or assertion of any Proceeding arising from or in connection with the transactions contemplated by this Agreement of which the Company is aware. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of an Indemnified Party (as defined in Section 5(c)) and shall survive the transfer of the Registrable Securities by the Holders.

(b) Indemnification by Holders. Each Holder shall, severally and not jointly, indemnify and hold harmless the Company, its directors, officers, agents and employees, each Person who controls the Company (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, agents or employees of such controlling Persons, to the fullest extent permitted by applicable law, from and against all Losses, as incurred, arising out of or are based solely upon any untrue or alleged untrue statement of a material fact contained in any Registration Statement, any Prospectus, or any form of prospectus, or in any amendment or supplement thereto or in any preliminary prospectus, or arising out of or relating to any omission or alleged omission of a material fact required to be stated therein or necessary to make the statements therein (in the case of any Prospectus, or any form of prospectus or supplement thereto, in light of the circumstances under which they were made) not misleading (i) to the extent that such untrue statements or omissions are based solely upon information regarding such Holder furnished in writing to the Company by such Holder expressly for use therein or (ii) to the extent that such information relates to such Holder or such Holder's proposed method of distribution of Registrable Securities and was reviewed and approved in writing by such Holder expressly for use in a Registration Statement (it being understood that the Holder has approved Annex A hereto for this purpose), such Prospectus or such form of Prospectus or in any amendment or supplement thereto or (iii) in the case of an occurrence of an event of the type specified in Section 3(c)(iii)-(vi), to the extent related to the use by such Holder of an outdated or defective Prospectus after the Company has notified such Holder in writing that the Prospectus is outdated or defective and prior to the receipt by such Holder of the Advice contemplated in Section 6(d). In no event shall the liability of any selling Holder hereunder be greater in amount than the dollar amount of the net proceeds received by such Holder upon the sale of the Registrable Securities giving rise to such indemnification obligation.

(c) Conduct of Indemnification Proceedings. If any Proceeding shall be brought or asserted against any Person entitled to indemnity hereunder (an "*Indemnified Party*"), such Indemnified Party shall promptly notify the Person from whom indemnity is sought (the "*Indemnifying Party*") in writing, and the Indemnifying Party shall have the right to assume the defense thereof, including the employment of counsel reasonably satisfactory to the Indemnified Party and the payment of all reasonable fees, expenses and disbursements incurred in connection with defense thereof; *provided*, that the failure of any Indemnified Party to give such notice shall not relieve the Indemnifying Party of its obligations or liabilities pursuant to this Agreement, except (and only) to the extent that it shall be finally determined by a court of competent jurisdiction (which determination is not subject to appeal or further review) that such failure shall have materially and adversely prejudiced the Indemnifying Party.

An Indemnified Party shall have the right to employ separate counsel in any such Proceeding and to participate in the defense thereof, but the fees, expenses and disbursements of such counsel shall be at the expense of such Indemnified Party or Indemnified Parties unless: (1) the Indemnifying Party has agreed in writing to pay such fees, expenses and amounts; (2) the Indemnifying Party shall have failed promptly to assume the defense of such Proceeding and to employ counsel reasonably satisfactory to such Indemnified Party in any such Proceeding; or (3) the named parties to any such Proceeding (including any impleaded parties) include both such Indemnified Party and the Indemnifying Party, and such Indemnified Party shall have been advised by counsel that a conflict of interest exists if the same counsel were to represent such Indemnified Party and the Indemnifying Party (in which case, if such Indemnified Party notifies the Indemnifying Party in writing that it elects to employ separate counsel at the expense of the Indemnifying Party, the Indemnifying Party shall not have the right to assume the defense thereof and such counsel shall be at the expense of the Indemnifying Party); *provided*, that the Indemnifying Party shall not be liable for the fees, expenses and disbursements of more than one separate firm of attorneys at any time for all Indemnified Parties. The Indemnifying Party shall not be liable for any settlement of any such Proceeding effected without its written consent, which consent shall not be unreasonably withheld, delayed or conditioned. No Indemnifying Party shall, without the prior written consent of the Indemnified Party, effect any settlement of any pending Proceeding in respect of which any Indemnified Party is a party, unless such settlement includes an unconditional release of such Indemnified Party from all liability on claims that are the subject matter of such Proceeding.

Subject to the terms of this Agreement, all fees, expenses and disbursements of the Indemnified Party (including reasonable fees, expenses and disbursements to the extent incurred in connection with investigating or preparing to defend such Proceeding in a manner not inconsistent with this Section 5) shall be paid to the Indemnified Party, as incurred, within 20 Trading Days of written notice thereof to the Indemnifying Party; *provided*, that the Indemnified Party shall promptly reimburse the Indemnifying Party for that portion of such fees, expenses and disbursements applicable to such actions for which such Indemnified Party is finally judicially determined to not be entitled to indemnification hereunder. The failure to deliver written notice to the Indemnifying Party within a reasonable time of the commencement of any such action shall not relieve such Indemnifying Party of any liability to the Indemnified Party under this Section 5, except to the extent that the Indemnifying Party is materially and adversely prejudiced in its ability to defend such action.

(d) Contribution. If a claim for indemnification under Section 5(a) or 5(b) is unavailable to an Indemnified Party or insufficient to hold an Indemnified Party harmless for any Losses, then each Indemnifying Party, in lieu of indemnifying such Indemnified Party, shall contribute to the amount paid or payable by such Indemnified Party as a result of such Losses, in such proportion as is appropriate to reflect the relative fault of the Indemnifying Party and Indemnified Party in connection with the actions, statements or omissions that resulted in such Losses as well as any other relevant equitable considerations. The relative fault of such Indemnifying Party and Indemnified Party shall be determined by reference to, among other things, whether any action in question, including any untrue or alleged untrue statement of a material fact or omission or alleged omission of a material fact, has been taken or made by, or relates to information supplied by, such Indemnifying Party or Indemnified Party, and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such action, statement or omission. The amount paid or payable by a party as a result of any Losses shall be deemed to include, subject to the limitations set forth in this Agreement, any reasonable attorneys' or other reasonable fees, expenses or disbursements incurred by such party in connection with any Proceeding to the extent such party would have been indemnified for such fees, expenses or disbursements if the indemnification provided for in this Section 5 was available to such party in accordance with its terms.

The parties hereto agree that it would not be just and equitable if contribution pursuant to this Section 5(d) were determined by pro rata allocation or by any other method of allocation that does not take into account the equitable considerations referred to in the immediately preceding paragraph. Notwithstanding the provisions of this Section 5(d), (A) no Holder shall be required to contribute, in the aggregate, any amount in excess of the amount by which the net proceeds actually received by such Holder from the sale of the Registrable Securities subject to the Proceeding exceeds the amount of any damages that such Holder has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission and (B) no contribution will be made under circumstances where the maker of such contribution would not have been required to indemnify the Indemnified Party under the fault standards set forth in this Section 5. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any Person who was not guilty of such fraudulent misrepresentation.

The indemnity and contribution agreements contained in this Section 5 are in addition to any liability that the Indemnifying Parties may have to the Indemnified Parties and are not in diminution or limitation of the indemnification provisions under the Purchase Agreement.

6. Miscellaneous.

(a) Remedies. In the event of a breach by the Company or by a Holder of any of their obligations under this Agreement, each Holder or the Company, as the case may be, in addition to being entitled to exercise all rights granted by law and under this Agreement, including recovery of damages, will be entitled to seek specific performance of its rights under this Agreement, without the requirement of posting a bond. The Company and each Holder agree that monetary damages would not provide adequate compensation for any losses incurred by reason of a breach by it of any of the provisions of this Agreement and hereby further agrees that, in the event of any action for specific performance in respect of such breach, it shall waive the defense that a remedy at law would be adequate.

(b) No Piggyback on Registrations; Prohibition on Filing Other Registration Statements. Except and to the extent specified in the Purchase Agreement, neither the Company nor any of its security holders (other than the Holders in such capacity pursuant hereto) may include securities of the Company in a Registration Statement other than the Registrable Securities and the Company shall not prior to the Effective Date enter into any agreement providing any such right to any of its security holders. For the avoidance of doubt, the provisions of this Agreement shall not impact the terms of any lock-up agreement entered into by Purchaser for the benefit of the Company on or about the date hereof.

(c) Compliance. Each Holder covenants and agrees that it will comply with the prospectus delivery requirements of the Securities Act as applicable to it (unless an exemption therefrom is available) in connection with sales of Registrable Securities pursuant to the Registration Statement and shall sell the Registrable Securities only in accordance with a method of distribution described in the Registration Statement, or pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act.

(d) Discontinued Disposition. By its acquisition of Registrable Securities, each Holder agrees that, upon receipt of a notice from the Company of the occurrence of any event of the kind described in Section 3(c)(iii)-(vi), such Holder will forthwith discontinue disposition of such Registrable Securities under a Registration Statement until it is advised in writing (the "Advice") by the Company that the use of the applicable Prospectus (as it may have been supplemented or amended) may be resumed. The

Company will use its commercially reasonable efforts to ensure that the use of the Prospectus may be resumed as promptly as is practicable. Notwithstanding anything herein to the contrary, no Holder shall be required to discontinue disposition of Registrable Securities under a Registration Statement by virtue of the delivery by the Company of a notice of the occurrence of any event of the kind described in Section 3(c)(vi) on more than two occasions or for more than 90 total calendar days, in each case during any twelve-month period, or for more than 45 calendar days during any 90-day period.

(e) No Inconsistent Agreements. Neither the Company nor any of its subsidiaries has entered, as of the date hereof, nor shall the Company or any of its subsidiaries, on or after the date hereof, enter into any agreement with respect to its securities, that would have the effect of impairing the rights granted to the Holders in this Agreement or otherwise conflicts with the provisions hereof.

(f) Amendments and Waivers. The provisions of this Agreement, including the provisions of this sentence, may not be amended, modified or supplemented, or waived unless the same shall be in writing and signed by the Company and Holders holding no less than a majority of the then outstanding Registrable Securities, provided that (i) any party may give a waiver as to itself and (ii) any proposed amendment that would, by its terms, have a disproportionate and materially adverse effect on any Holder shall require the consent of such Holder(s). Notwithstanding the foregoing, (1) a waiver or consent to depart from the provisions hereof with respect to a matter that relates exclusively to the rights of Holders and that does not directly or indirectly affect the rights of other Holders may be given by Holders of all of the Registrable Securities to which such waiver or consent relates and (2) none of the definitions of Filing Deadline, Effectiveness Deadline or Effectiveness Period, Section 2(e), Section 3(c), Section 5, Section 6(d), or the provisions of this sentence, may be amended, modified, or supplemented except with the consent of each Holder.

(g) Notices. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be delivered as set forth in the Purchase Agreement.

(h) Successors and Assigns. This Agreement shall inure to the benefit of and be binding upon the successors and permitted assigns of each of the parties and shall inure to the benefit of each Holder. Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective successors and assigns any rights, remedies, obligations, or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement. The Company may not assign its rights (except by merger or in connection with another entity acquiring all or substantially all of the Company's assets) or obligations hereunder without the prior written consent of all the Holders of the then outstanding Registrable Securities. Each Holder may assign its respective rights hereunder in the manner and to the Persons as permitted under the Purchase Agreement; provided in each case that (i) the Holder agrees in writing with the transferee or assignee to assign such rights and related obligations under this Agreement, and for the transferee or assignee to assume such obligations, and a copy of such agreement is furnished to the Company within a reasonable time after such assignment, (ii) the Company is, within a reasonable time after such transfer or assignment, furnished with written notice of the name and address of such transferee or assignee and the securities with respect to which such registration rights are being transferred or assigned, (iii) at or before the time the Company received the written notice contemplated by clause (ii) of this sentence, the transferee or assignee agrees in writing with the Company to be bound by all of the provisions contained herein and (iv) the transferee is an "accredited investor," as that term is defined in Rule 501 of Regulation D.

(i) Execution and Counterparts. This Agreement may be executed in two or more counterparts, each of which when so executed shall be deemed to be an original and, all of which taken together shall constitute one and the same Agreement and shall become effective when counterparts have been signed by each party and delivered to the other party, it being understood that both parties need not

sign the same counterpart. Counterparts may be delivered via facsimile, electronic mail (including any electronic signature covered by the U.S. federal ESIGN Act of 2000, Uniform Electronic Transactions Act, the Electronic Signatures and Records Act or other applicable law, e.g., www.docusign.com) or other transmission method and any counterpart so delivered shall be deemed to have been duly and validly delivered and be valid and effective for all purposes.

(j) Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be determined in accordance with the provisions of the Purchase Agreement.

(k) Cumulative Remedies. The remedies provided herein are cumulative and not exclusive of any other remedies provided by law.

(l) Severability. If any term, provision, covenant or restriction of this Agreement is held by a court of competent jurisdiction to be invalid, illegal, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions set forth herein shall remain in full force and effect and shall in no way be affected, impaired or invalidated, and the parties hereto shall use their good faith reasonable efforts to find and employ an alternative means to achieve the same or substantially the same result as that contemplated by such term, provision, covenant or restriction. It is hereby stipulated and declared to be the intention of the parties that they would have executed the remaining terms, provisions, covenants and restrictions without including any of such that may be hereafter declared invalid, illegal, void or unenforceable.

(m) Headings. The headings in this Agreement are for convenience only and shall not limit or otherwise affect the meaning hereof.

(n) Independent Nature of Purchasers' Obligations and Rights. The obligations of each Purchaser under this Agreement are several and not joint with the obligations of any other Purchaser hereunder, and no Purchaser shall be responsible in any way for the performance of the obligations of any other Purchaser hereunder. The decision of each Purchaser to purchase Securities pursuant to the Transaction Documents has been made by such Purchaser independently of any other Purchaser and independently of any information, materials, statements or opinions as to the business, affairs, operations, assets, properties, liabilities, results of operations, condition (financial or otherwise) or prospects of the Company or any Subsidiary which may have been made or given by any other Purchaser or by any agent or employee of any other Purchaser, and no Purchaser and any of its agents or employees shall have any liability to any other Purchaser (or any other Person) relating to or arising from any such information, materials, statement or opinions. Nothing contained herein or in any Transaction Document, and no action taken by any Purchaser pursuant hereto or thereto, shall be deemed to constitute the Purchasers as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Purchasers are in any way acting in concert or as a group (including, without limitation, a "group" within the meaning of Section 13(d)(3) of the Exchange Act) with respect to such obligations or the transactions contemplated by the Transaction Documents. Each Purchaser acknowledges that no other Purchaser has acted as agent for such Purchaser in connection with making its investment hereunder and that no Purchaser will be acting as agent of such Purchaser in connection with monitoring its investment in the securities or enforcing its rights under the Transaction Documents. Each Purchaser shall be entitled to independently protect and enforce its rights, including, without limitation, the rights arising out of this Agreement or out of the other Transaction Documents, and it shall not be necessary for any other Purchaser to be joined as an additional party in any Proceeding for such purpose. The Company acknowledges that each of the Purchasers has been provided with the same Registration Rights Agreement for the purpose of closing a transaction with multiple Purchasers and not because it was required or requested to do so by any Purchaser. It is expressly understood that each provision contained in this Agreement is between the Company and a Purchaser, solely, and not between the Company and the Purchasers collectively and not between and among the Purchasers.

(o) Current Public Information. With a view to making available to the Holders the benefits of Rule 144 (or its successor rule) and any other rule or regulation of the Commission that may at any time permit the Holders to sell shares of Common Stock to the public without registration, the Company covenants and agrees to use commercially reasonable efforts to: (i) make and keep adequate current public information available, as those terms are understood and defined in Rule 144, until the earlier of (A) six months after such date as all of the Registrable Securities may be sold without restriction by the holders thereof pursuant to Rule 144 or any other rule of similar effect or (B) such date as there are no longer Registrable Securities; and (ii) file with the SEC in a timely manner all reports and other documents required of the Company under the Exchange Act.

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IN WITNESS WHEREOF, the parties have executed this Registration Rights Agreement as of the date first written above.

AEGLEA BIOTHERAPEUTICS, INC.

By: _____

Name:

Title:

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties have executed this Registration Rights Agreement as of the date first written above.

[NAME OF INVESTING ENTITY]

By: _____
Name:
Title:

PLAN OF DISTRIBUTION¹

We are registering the shares of common stock of Aeglea BioTherapeutics, Inc., par value of \$0.0001 per share, or the Common Stock, which we refer to herein as “Shares,” issued to the selling stockholders to permit the sale, transfer or other disposition of the Shares by the selling stockholders or their donees, pledgees, transferees or other successors-in-interest from time to time after the date of this prospectus. We will not receive any of the proceeds from the sale by the selling stockholders of the Shares. We will, or will procure to, bear all fees and expenses incident to our obligation to register the Shares.

The selling stockholders may sell all or a portion of the Shares beneficially owned by them and offered hereby from time to time directly or through one or more underwriters, broker-dealers or agents. If the Shares are sold through underwriters or broker-dealers, the selling stockholders will be responsible for underwriting discounts (it being understood that the selling stockholders shall not be deemed to be underwriters solely as a result of their participation in this offering) or commissions or agent’s commissions. The Shares may be sold on any national securities exchange or quotation service on which the securities may be listed or quoted at the time of sale, in the over-the-counter market or in transactions otherwise than on these exchanges or systems or in the over-the-counter market and in one or more transactions at fixed prices, at prevailing market prices at the time of the sale, at varying prices determined at the time of sale, or at negotiated prices. These sales may be effected in transactions, which may involve crosses or block transactions. The selling stockholders may use any one or more of the following methods when selling Shares:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;
- to or through underwriters or purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- settlement of short sales entered into after the effective date of the registration statement of which this prospectus is a part;
- broker-dealers may agree with the selling stockholders to sell a specified number of such Shares at a stipulated price per Share;
- through the writing or settlement of options or other hedging transactions, whether such options are listed on an options exchange or otherwise;
- a combination of any such methods of sale; and
- any other method permitted pursuant to applicable law.

The selling stockholders also may resell all or a portion of the Shares in open market transactions in reliance upon Rule 144 under the Securities Act, as amended, or the Securities Act, as permitted by that rule, or Section 4(a)(1) under the Securities Act, if available, rather than under this prospectus, provided that they meet the criteria and conform to the requirements of those provisions.

¹ Note to Draft: Definitions to be conformed to resale S-3.

Broker-dealers engaged by the selling stockholders may arrange for other broker-dealers to participate in sales. If the selling stockholders effect such transactions by selling Shares to or through underwriters, broker-dealers or agents, such underwriters, broker-dealers or agents may receive commissions in the form of discounts, concessions or commissions from the selling stockholders or commissions from purchasers of the Shares for whom they may act as agent or to whom they may sell as principal. Such commissions will be in amounts to be negotiated, but, except as set forth in a supplement to this Prospectus, in the case of an agency transaction will not be in excess of a customary brokerage commission in compliance with FINRA Rule 2121; and in the case of a principal transaction a markup or markdown in compliance with FINRA IM-2121.01.

In connection with sales of the Shares or otherwise, the selling stockholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the Shares in the course of hedging in positions they assume. The selling stockholders may also sell Shares short and if such short sale takes place after the date that this Registration Statement is declared effective by the Commission, the selling stockholders may deliver Shares covered by this prospectus to close out short positions and to return borrowed Shares in connection with such short sales. The selling stockholders may also loan or pledge Shares to broker-dealers that in turn may sell such Shares, to the extent permitted by applicable law. The selling stockholders may also enter into option or other transactions with broker-dealers or other financial institutions or the creation of one or more derivative securities which require the delivery to such broker-dealer or other financial institution of shares offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction). Notwithstanding the foregoing, the selling stockholders have been advised that they may not use Shares the resale of which has been registered on this registration statement to cover short sales of our Common Stock made prior to the date the registration statement, of which this prospectus forms a part, has been declared effective by the SEC.

The selling stockholders may, from time to time, pledge or grant a security interest in some or all of the Shares owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell the Shares from time to time pursuant to this prospectus or any amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act of 1933, amending, if necessary, the list of selling stockholders to include the pledgee, transferee or other successors in interest as selling stockholders under this prospectus. The selling stockholders also may transfer and donate the Shares in other circumstances in which case the transferees, donees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

The selling stockholders and any broker-dealer or agents participating in the distribution of the Shares may be deemed to be “underwriters” within the meaning of Section 2(11) of the Securities Act in connection with such sales. In such event, any commissions paid, or any discounts or concessions allowed to, any such broker-dealer or agent and any profit on the resale of the shares purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act. Selling Stockholders who are “underwriters” within the meaning of Section 2(11) of the Securities Act will be subject to the applicable prospectus delivery requirements of the Securities Act including Rule 172 thereunder and may be subject to certain statutory liabilities of, including but not limited to, Sections 11, 12 and 17 of the Securities Act and Rule 10b-5 under the Securities Exchange Act of 1934, as amended, or the Exchange Act.

Each selling stockholder has informed the Company that it is not a registered broker-dealer and does not have any written or oral agreement or understanding, directly or indirectly, with any person to distribute the Shares. Upon the Company being notified in writing by a selling stockholder that any material arrangement has been entered into with a broker-dealer for the sale of Common Stock through a block trade, special offering, exchange distribution or secondary distribution or a purchase by a broker or dealer, a supplement to this prospectus will be filed, if required, pursuant to Rule 424(b) under the Securities Act, disclosing (i) the name of each such selling stockholder and of the participating broker-dealer(s), (ii) the number of Shares involved, (iii) the price at which such the Shares were sold, (iv) the commissions paid or discounts or concessions allowed to such broker-dealer(s), where applicable, (v) that such broker-dealer(s) did not conduct any investigation to verify the information set out or incorporated by reference in this prospectus, and (vi) other facts material to the transaction. In no event shall any broker-dealer receive fees, commissions and markups, which, in the aggregate, would exceed eight percent (8.0%).

Under the securities laws of some U.S. states, the Shares may be sold in such states only through registered or licensed brokers or dealers. In addition, in some U.S. states the Shares may not be sold unless such shares have been registered or qualified for sale in such state or an exemption from registration or qualification is available and is complied with.

There can be no assurance that any selling stockholder will sell any or all of the Shares registered pursuant to the shelf registration statement, of which this prospectus forms a part.

Each selling stockholder and any other person participating in such distribution will be subject to applicable provisions of the Exchange Act and the rules and regulations thereunder, including, without limitation, to the extent applicable, Regulation M of the Exchange Act, which may limit the timing of purchases and sales of any of the Shares by the selling stockholder and any other participating person. To the extent applicable, Regulation M may also restrict the ability of any person engaged in the distribution of the Shares to engage in market-making activities with respect to the Shares. All of the foregoing may affect the marketability of the Shares and the ability of any person or entity to engage in market-making activities with respect to the Shares.

We will pay all expenses of the registration of the Shares pursuant to the registration rights agreement, including, without limitation, Securities and Exchange Commission filing fees and expenses of compliance with state securities or “blue sky” laws; *provided, however*, that each selling stockholder will pay all underwriting discounts and selling commissions, if any and any related legal expenses incurred by it. We will indemnify the selling stockholders against certain liabilities, including some liabilities under the Securities Act, in accordance with the registration rights agreement, or the selling stockholders will be entitled to contribution. We may be indemnified by the selling stockholders against certain civil liabilities set forth in the registration rights agreement, including liabilities under the Securities Act, that may arise from any written information furnished to us by the selling stockholders specifically for use in this prospectus, in accordance with the related registration rights agreements, or we may be entitled to contribution.

SELLING STOCKHOLDER NOTICE AND QUESTIONNAIRE

The undersigned holder of shares of the (i) common stock, par value \$0.0001 per share, of Aeglea BioTherapeutics, Inc. (the “*Company*”) and/or (ii) Series A Non-Voting Convertible Preferred Shares, par value \$0.0001 per share, of the Company issued pursuant to a certain Securities Purchase Agreement by and among the Company and the Purchasers named therein, dated as of _____, 2023 (the “*Agreement*”), understands that the Company intends to file with the Securities and Exchange Commission a registration statement on Form S-3 (the “*Resale Registration Statement*”) for the registration and the resale under Rule 415 of the Securities Act of 1933, as amended (the “*Securities Act*”), of the Registrable Securities in accordance with the terms of the Agreement. All capitalized terms not otherwise defined herein shall have the meanings ascribed thereto in the Agreement.

In order to sell or otherwise dispose of any Registrable Securities pursuant to the Resale Registration Statement, a holder of Registrable Securities generally will be required to be named as a selling stockholder in the related prospectus or a supplement thereto (as so supplemented, the “*Prospectus*”), deliver the Prospectus to purchasers of Registrable Securities (including pursuant to Rule 172 under the Securities Act) and be bound by the provisions of the Agreement (including certain indemnification provisions, as described below). **Holders must complete and deliver this Notice and Questionnaire in order to be named as selling stockholders in the Prospectus. Holders of Registrable Securities who do not complete, execute and return this Notice and Questionnaire within five (5) Trading Days following the date of the Agreement (1) will not be named as selling stockholders in the Resale Registration Statement or the Prospectus and (2) may not use the Prospectus for resales of Registrable Securities.**

Certain legal consequences arise from being named as a selling stockholder in the Resale Registration Statement and the Prospectus. Holders of Registrable Securities are advised to consult their own securities law counsel regarding the consequences of being named or not named as a selling stockholder in the Resale Registration Statement and the Prospectus.

NOTICE

The undersigned holder (the “*Selling Stockholder*”) of Registrable Securities hereby gives notice to the Company of its intention to sell or otherwise dispose of Registrable Securities owned by it and listed below in Item (3), unless otherwise specified in Item (3), pursuant to the Resale Registration Statement. The undersigned, by signing and returning this Notice and Questionnaire, understands and agrees that it will be bound by the terms and conditions of this Notice and Questionnaire and the Agreement.

The undersigned hereby provides the following information to the Company and represents and warrants that such information is accurate and complete:

QUESTIONNAIRE

1. Name.

(a) Full Legal Name of Selling Stockholder:

(b) Full Legal Name of Registered Holder (if not the same as (a) above) through which Registrable Securities Listed in Item 3 below are held:

(c) Full Legal Name of Natural Control Person (which means a natural person who directly or indirectly alone or with others has power to vote or dispose of the securities covered by the questionnaire):

2. Address for Notices to Selling Stockholder:

Telephone: _____

Fax: _____

Contact Person: _____

E-mail address of Contact Person: _____

3. Beneficial Ownership of Registrable Securities Issuable Pursuant to the Purchase Agreement:

(a) Type and Number of Registrable Securities beneficially owned and issued pursuant to the Agreement:

(b) Number of Registrable Securities to be registered pursuant to this Notice for resale:

4. Broker-Dealer Status:

(a) Are you a broker-dealer?

Yes ☐ No ☐

(b) If “yes” to Section 4(a), did you receive your Registrable Securities as compensation for investment banking services to the Company?

Yes ☐ No ☐

Note: If no, the Commission’s staff has indicated that you should be identified as an underwriter in the Registration Statement.

(c) Are you an affiliate of a broker-dealer?

Yes ☐ No ☐

Note: If yes, provide a narrative explanation below:

(d) If you are an affiliate of a broker-dealer, do you certify that you bought the Registrable Securities in the ordinary course of business, and at the time of the purchase of the Registrable Securities to be resold, you had no agreements or understandings, directly or indirectly, with any person to distribute the Registrable Securities?

Yes ☐ No ☐

Note: If no, the Commission’s staff has indicated that you should be identified as an underwriter in the Registration Statement.

5. Beneficial Ownership of Other Securities of the Company Owned by the Selling Stockholder.

Except as set forth below in this Item 5, the undersigned is not the beneficial or registered owner of any securities of the Company other than the Registrable Securities listed above in Item 3.

Type and amount of other securities beneficially owned:

6. Relationships with the Company:

Except as set forth below, neither the undersigned nor any of its affiliates, officers, directors or principal equity holders (owners of 5% of more of the equity securities of the undersigned) has held any position or office or has had any other material relationship with the Company (or its predecessors or affiliates) during the past three years.

State any exceptions here:

7. **Plan of Distribution:**

The undersigned has reviewed the form of Plan of Distribution attached as Annex A to the Registration Rights Agreement, and hereby confirms that, except as set forth below, the information contained therein regarding the undersigned and its plan of distribution is correct and complete.

State any exceptions here:

The undersigned agrees to promptly notify the Company of any inaccuracies or changes in the information provided herein that may occur subsequent to the date hereof and prior to the effective date of any applicable Resale Registration Statement. All notices hereunder and pursuant to the Agreement shall be made in writing, by hand delivery, confirmed or facsimile transmission, first-class mail or air courier guaranteeing overnight delivery at the address set forth below. In the absence of any such notification, the Company shall be entitled to continue to rely on the accuracy of the information in this Notice and Questionnaire.

By signing below, the undersigned consents to the disclosure of the information contained herein in its answers to Items (1) through (7) above and the inclusion of such information in the Resale Registration Statement and the Prospectus. The undersigned understands that such information will be relied upon by the Company in connection with the preparation or amendment of any such Registration Statement and the Prospectus.

By signing below, the undersigned acknowledges that it understands its obligation to comply, and agrees that it will comply, with the provisions of the Exchange Act and the rules and regulations thereunder, particularly Regulation M in connection with any offering of Registrable Securities pursuant to the Resale Registration Statement. The undersigned also acknowledges that it understands that the answers to this Questionnaire are furnished for use in connection with Registration Statements filed pursuant to the Registration Rights Agreement and any amendments or supplements thereto filed with the Commission pursuant to the Securities Act.

The undersigned hereby acknowledges and is advised of the following Question 239.10 of the Securities Act Rules Compliance and Disclosure Interpretations regarding short selling:

“An Issuer filed a Form S-3 registration statement for a secondary offering of common stock which is not yet effective. One of the selling stockholders wanted to do a short sale of common stock “against the box” and cover the short sale with registered shares after the effective date. The issuer was advised that the short sale could not be made before the registration statement become effective, because the shares underlying the short sale are deemed to be sold at the time such sale is made. There would, therefore, be a violation of Section 5 if the shares were effectively sold prior to the effective date.”

By returning this Questionnaire, the undersigned will be deemed to be aware of the foregoing interpretation.

I confirm that, to the best of my knowledge and belief, the foregoing statements (including without limitation the answers to this Questionnaire) are correct.

IN WITNESS WHEREOF the undersigned, by authority duly given, has caused this Questionnaire to be executed and delivered either in person or by its duly authorized agent.

Dated:_____

Beneficial Owner:_____

By: _____
Name:
Title:

PLEASE FAX A COPY OF THE COMPLETED AND EXECUTED NOTICE AND QUESTIONNAIRE, AND RETURN THE ORIGINAL BY OVERNIGHT MAIL, TO:

Courtney Tygesson
Cooley LLP
110 N. Upper Wacker Dr., Suite 4200, Chicago, IL 60606
Telephone No.: (312) 881-6500
Attention: Courtney Tygesson
E-mail: CTygesson@cooley.com

AEGLEA BIOTHERAPEUTICS, INC.
WARRANT TO PURCHASE COMMON STOCK

Warrant No. []

Number of Shares: []
 (subject to adjustment)
 Original Issue Date: [], 202[]

Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [] or its registered assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company up to a total of [] shares of common stock, \$0.0001 par value per share (the “**Common Stock**”), of the Company (each such share, a “**Warrant Share**” and all such shares, the “**Warrant Shares**”) at an exercise price per share equal to \$0.0001 per share (as adjusted from time to time as provided in Section 9 herein, the “**Exercise Price**”) upon surrender of this Warrant to Purchase Common Stock (including any Warrants to Purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”) at any time and from time to time on or after the date hereof (the “**Original Issue Date**”), subject to the following terms and conditions:

1. *Definitions.* For purposes of this Warrant, the following terms shall have the following meanings:

(a) “**Affiliate**” means any Person directly or indirectly controlled by, controlling or under common control with, a Holder, as such terms are used in and construed under Rule 405 under the Securities Act, but only for so long as such control shall continue.

(b) “**Commission**” means the United States Securities and Exchange Commission.

(c) “**Closing Sale Price**” means, for any security as of any date, the last trade price for such security on the Principal Trading Market for such security, as reported by Bloomberg L.P., or, if such Principal Trading Market begins to operate on an extended hours basis and does not designate the last trade price, then the last trade price of such security prior to 4:00 P.M., New York City time, as reported by Bloomberg L.P., or if the security is not listed for trading on a national securities exchange or other trading market on the relevant date, the last quoted bid price for the security in the over-the-counter market on the relevant date as reported by OTC Markets Group Inc. (or a similar organization or agency succeeding to its functions of reporting prices). If the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Sale Price of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then the Board of Directors of the Company shall use its good faith judgment to determine the fair market value. The Board of Directors’ determination shall be binding upon all parties absent demonstrable error. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

(d) “**Principal Trading Market**” means the national securities exchange or other trading market on which the Common Stock is primarily listed on and quoted for trading, which, as of the Original Issue Date, shall be the Nasdaq Global Market.

(e) “**Registration Statement**” means the Company’s Registration Statement on Form S-3 (File No. 333-239706), declared effective on July 14, 2020.

(f) “**Securities Act**” means the Securities Act of 1933, as amended.

(g) “**Trading Day**” means any weekday on which the Principal Trading Market is open for trading. If the Common Stock is not listed or admitted for trading, “Trading Day” means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in New York City are authorized or required by law or other governmental action to close.

(h) “**Transfer Agent**” means American Stock Transfer and Trust Company, LLC, the Company’s transfer agent and registrar for the Common Stock, and any successor appointed in such capacity.

2. *Issuance of Securities; Registration of Warrants.* The Warrant, as initially issued by the Company, is offered and sold pursuant to the Registration Statement. As of the Original Issue Date, the Warrant Shares are issuable under the Registration Statement.

Accordingly, the Warrant and, assuming issuance pursuant to the Registration Statement or an exchange meeting the requirements of Section 3(a)(9) of the Exchange Act as in effect on the Original Issue Date, the Warrant Shares are not “restricted securities” under Rule 144 promulgated under the Securities Act. The Company shall register ownership of this Warrant, upon records to be maintained by the Company for that purpose (the “**Warrant Register**”), in the name of the record Holder (which shall include the initial Holder or, as the case may be, any assignee to which this Warrant is assigned hereunder) from time to time. The Company may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.

3. *Registration of Transfers.* Subject to compliance with all applicable securities laws, the Company shall, or will cause its Transfer Agent to, register the transfer of all or any portion of this Warrant in the Warrant Register, upon surrender of this Warrant, and payment for all applicable transfer taxes (if any). Upon any such registration or transfer, a new warrant to purchase Common Stock in substantially the form of this Warrant (any such new warrant, a “**New Warrant**”) evidencing the portion of this Warrant so transferred shall be issued to the transferee, and a New Warrant evidencing the remaining portion of this Warrant not so transferred, if any, shall be issued to the transferring Holder. The acceptance of the New Warrant by the transferee thereof shall be deemed the acceptance by such transferee of all of the rights and obligations in respect of the New Warrant that the Holder has in respect of this Warrant. The Company shall, or will cause its Transfer Agent to, prepare, issue and deliver at the Company’s own expense any New Warrant under this Section 3. Until due presentment for registration of transfer, the Company may treat the registered Holder hereof as the owner and holder for all purposes, and the Company shall not be affected by any notice to the contrary.

4. *Exercise and Duration of Warrants.*

(a) All or any part of this Warrant shall be exercisable by the registered Holder in any manner permitted by this Warrant at any time and from time to time on or after the Original Issue Date.

(b) The Holder may exercise this Warrant by delivering to the Company (i) an exercise notice, in the form attached as Schedule 1 hereto (the “**Exercise Notice**”), completed and duly signed, and (ii) payment of the Exercise Price for the number of Warrant Shares as to which this Warrant is being exercised (which may take the form of a “cashless exercise” if so indicated in the Exercise Notice pursuant to Section 10 below). The date on which such exercise notice is delivered to the Company (as determined in accordance with the notice provisions hereof) is an “**Exercise Date**.” The Holder shall not be required to deliver the original Warrant in order to effect an exercise hereunder. Execution and delivery of the Exercise Notice shall have the same effect as cancellation of the original Warrant and issuance of a New Warrant evidencing the right to purchase the remaining number of Warrant Shares, if any. **The Holder and any assignee, by acceptance of this Warrant, acknowledge and agree that, by reason of the provisions of this paragraph, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.**

5. *Delivery of Warrant Shares.*

(a) Upon exercise of this Warrant, the Company shall promptly (but in no event later than three (3) Trading Days after the Exercise Date), upon the request of the Holder, credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with The Depository Trust Company (“**DTC**”) through its Deposit Withdrawal Agent Commission system, or if the Transfer Agent is not participating in the Fast Automated Securities Transfer Program (the “**FAST Program**”) or if the certificates are required to bear a legend regarding restriction on transferability, issue and dispatch by overnight courier to the address as specified in the Exercise Notice, a certificate, registered in the Company’s share register in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder is entitled pursuant to such exercise. The Holder, or any natural person or legal entity (each, a “**Person**”) so designated by the Holder to receive Warrant Shares, shall be deemed to have become the holder of record of such Warrant Shares as of the Exercise Date, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares, as the case may be.

(b) To the extent permitted by law, the Company's obligations to issue and deliver Warrant Shares in accordance with and subject to the terms hereof (including the limitations set forth in Section 11 below) are absolute and unconditional, irrespective of any action or inaction by the Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination, or any breach or alleged breach by the Holder or any other Person of any obligation to the Company or any violation or alleged violation of law by the Holder or any other Person, and irrespective of any other circumstance that might otherwise limit such obligation of the Company to the Holder in connection with the issuance of Warrant Shares. Nothing herein shall limit the Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver certificates representing shares of Common Stock upon exercise of the Warrant as required pursuant to the terms hereof.

6. *Charges, Taxes and Expenses.* Issuance and delivery of certificates for shares of Common Stock upon exercise of this Warrant shall be made without charge to the Holder for any issue or transfer tax, transfer agent fee or other incidental tax or expense (excluding any applicable stamp duties) in respect of the issuance of such certificates, all of which taxes and expenses shall be paid by the Company; *provided, however*, that the Company shall not be required to pay any tax that may be payable in respect of any transfer involved in the registration of any certificates for Warrant Shares or the Warrants in a name other than that of the Holder or an Affiliate thereof. The Holder shall be responsible for all other tax liability that may arise as a result of holding or transferring this Warrant or receiving Warrant Shares upon exercise hereof.

7. *Replacement of Warrant.* If this Warrant is mutilated, lost, stolen or destroyed, the Company shall issue or cause to be issued in exchange and substitution for and upon cancellation hereof, or in lieu of and substitution for this Warrant, a New Warrant, but only upon receipt of evidence reasonably satisfactory to the Company of such loss, theft or destruction (in such case) and, in each case, a customary and reasonable indemnity and surety bond, if requested by the Company. Applicants for a New Warrant under such circumstances shall also comply with such other reasonable regulations and procedures and pay such other reasonable third-party costs as the Company may prescribe. If a New Warrant is requested as a result of a mutilation of this Warrant, then the Holder shall deliver such mutilated Warrant to the Company as a condition precedent to the Company's obligation to issue the New Warrant.

8. *Reservation of Warrant Shares.* The Company covenants that it will, at all times while this Warrant is outstanding, reserve and keep available out of the aggregate of its authorized but unissued and otherwise unreserved Common Stock, solely for the purpose of enabling it to issue Warrant Shares upon exercise of this Warrant as herein provided, the number of Warrant Shares that are initially issuable and deliverable upon the exercise of this entire Warrant, free from preemptive rights or any other contingent purchase rights of persons other than the Holder (taking into account the adjustments and restrictions of Section 9). The Company covenants that all Warrant Shares so issuable and deliverable shall, upon issuance and the payment of the applicable Exercise Price in accordance with the terms hereof, be duly and validly authorized, issued and fully paid and non-assessable. The Company will take all such action as may be reasonably necessary to assure that such shares of Common Stock may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of any securities exchange or automated quotation system upon which the Common Stock may be listed. The Company further covenants that it will not, without the prior written consent of the Holder, take any actions to increase the par value of the Common Stock at any time while this Warrant is outstanding.

9. *Certain Adjustments.* The Exercise Price and number of Warrant Shares issuable upon exercise of this Warrant are subject to adjustment from time to time as set forth in this Section 9.

(a) *Stock Dividends and Splits.* If the Company, at any time while this Warrant is outstanding, (i) pays a stock dividend on its Common Stock or otherwise makes a distribution on any class of capital stock issued and outstanding on the Original Issue Date and in accordance with the terms of such stock on the Original Issue Date or as amended, as described in the Registration Statement, that is payable in shares of Common Stock, (ii) subdivides

its outstanding shares of Common Stock into a larger number of shares of Common Stock, (iii) combines its outstanding shares of Common Stock into a smaller number of shares of Common Stock or (iv) issues by reclassification of shares of capital stock any additional shares of Common Stock of the Company, then in each such case the Exercise Price shall be multiplied by a fraction, the numerator of which shall be the number of shares of Common Stock outstanding immediately before such event and the denominator of which shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to clause (i) of this paragraph shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution, *provided, however*, that if such record date shall have been fixed and such dividend is not fully paid on the date fixed therefor, the Exercise Price shall be recomputed accordingly as of the close of business on such record date and thereafter the Exercise Price shall be adjusted pursuant to this paragraph as of the time of actual payment of such dividends. Any adjustment pursuant to clause (ii) or (iii) of this paragraph shall become effective immediately after the effective date of such subdivision or combination.

(b) **Pro Rata Distributions.** If the Company, at any time while this Warrant is outstanding, distributes to all holders of Common Stock for no consideration (i) evidences of its indebtedness, (ii) any security (other than a distribution of Common Stock covered by the preceding paragraph) or (iii) rights or warrants to subscribe for or purchase any security, or (iv) cash or any other asset (in each case, a **“Distribution”**), other than a reclassification as to which Section 9(c) applies, then in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the ownership limitation set forth in Section 11(a) hereof) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of Common Stock are to be determined for the participation in such Distribution; *provided, however*, to the extent that the Holder’s right to participate in any such Distribution would result in the Holder exceeding the ownership limitation set forth in Section 11(a) hereof, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until the earlier of (i) such time, if ever, as the delivery to such Holder of such portion would not result in the Holder exceeding the ownership limitation set forth in Section 11(a) hereof and (ii) such time as the Holder has exercised this Warrant.

(c) **Fundamental Transactions.** If, at any time while this Warrant is outstanding (i) the Company effects any merger or consolidation of the Company with or into another Person, in which the Company is not the surviving entity and in which the stockholders of the Company immediately prior to such merger or consolidation do not own, directly or indirectly, at least 50% of the voting power of the surviving entity immediately after such merger or consolidation, (ii) the Company effects any sale to another Person of all or substantially all of its assets in one transaction or a series of related transactions, (iii) pursuant to any tender offer or exchange offer (whether by the Company or another Person), holders of capital stock tender shares representing more than 50% of the voting power of the capital stock of the Company and the Company or such other Person, as applicable, accepts such tender for payment, (iv) the Company consummates a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person whereby such other Person acquires more than the 50% of the voting power of the capital stock of the Company (except for any such transaction in which the stockholders of the Company immediately prior to such transaction maintain, in substantially the same proportions, the voting power of such Person immediately after the transaction) or (v) the Company effects any reclassification of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property (other than as a result of a subdivision or combination of shares of Common Stock covered by Section 9(a) above) (in any such case, a **“Fundamental Transaction”**), then following such Fundamental Transaction the Holder shall have the right to receive, upon exercise of this Warrant, the same amount and kind of securities, cash or property as it would have been entitled to receive upon the occurrence of such Fundamental Transaction if it had been, immediately prior to such Fundamental Transaction, the holder of the number of Warrant Shares then issuable upon exercise in full of this Warrant without regard to any limitations on exercise contained herein (the **“Alternate Consideration”**). The Company shall not effect any Fundamental Transaction in which the Company is not the surviving entity or the Alternate Consideration includes securities of another Person unless (i) the Alternate Consideration is solely cash and the Company provides for the simultaneous “cashless exercise” of this Warrant pursuant to Section 10 below or (ii) prior to or simultaneously with the consummation thereof, any successor to the Company, surviving entity or

other Person (including any purchaser of assets of the Company) shall assume the obligation to deliver to the Holder such Alternate Consideration as, in accordance with the foregoing provisions, the Holder may be entitled to receive, and the other obligations under this Warrant. The provisions of this paragraph (c) shall similarly apply to subsequent transactions analogous of a Fundamental Transaction type.

(d) Number of Warrant Shares. Simultaneously with any adjustment to the Exercise Price pursuant to Section 9 (including any adjustment to the Exercise Price that would have been effected but for the final sentence in this paragraph (d)), the number of Warrant Shares that may be purchased upon exercise of this Warrant shall be increased or decreased proportionately, so that after such adjustment the aggregate Exercise Price payable hereunder for the increased or decreased number of Warrant Shares shall be the same as the aggregate Exercise Price in effect immediately prior to such adjustment. Notwithstanding the foregoing, in no event may the Exercise Price be adjusted below the par value of the Common Stock then in effect.

(e) Calculations. All calculations under this Section 9 shall be made to the nearest one-hundredth of one cent or the nearest share, as applicable.

(f) Notice of Adjustments. Upon the occurrence of each adjustment pursuant to this Section 9, the Company at its expense will, at the written request of the Holder, promptly compute such adjustment, in good faith, in accordance with the terms of this Warrant and prepare a certificate setting forth such adjustment, including a statement of the adjusted Exercise Price and adjusted number or type of Warrant Shares or other securities issuable upon exercise of this Warrant (as applicable), describing the transactions giving rise to such adjustments and showing in detail the facts upon which such adjustment is based. Upon written request, the Company will promptly deliver a copy of each such certificate to the Holder and to the Company's transfer agent.

(g) Notice of Corporate Events. If, while this Warrant is outstanding, the Company (i) declares a dividend or any other distribution of cash, securities or other property in respect of its Common Stock, including, without limitation, any granting of rights or warrants to subscribe for or purchase any capital stock of the Company or any subsidiary, (ii) authorizes or approves, enters into any agreement contemplating or solicits stockholder approval for any Fundamental Transaction or (iii) authorizes the voluntary dissolution, liquidation or winding up of the affairs of the Company, then, except if such notice and the contents thereof shall be deemed to constitute material non-public information, the Company shall deliver to the Holder a notice of such transaction at least ten (10) days prior to the applicable record or effective date on which a Person would need to hold Common Stock in order to participate in or vote with respect to such transaction; *provided, however*, that the failure to deliver such notice or any defect therein shall not affect the validity of the corporate action required to be described in such notice. In addition, if while this Warrant is outstanding, the Company authorizes or approves, enters into any agreement contemplating or solicits stockholder approval for any Fundamental Transaction contemplated by Section 9(c), other than a Fundamental Transaction under clause (iii) of Section 9(c), the Company shall deliver to the Holder a notice of such Fundamental Transaction at least ten (10) days prior to the date such Fundamental Transaction is consummated. Holder agrees to maintain any information disclosed pursuant to this Section 9(g) in confidence until such information is publicly available, and shall comply with applicable law with respect to trading in the Company's securities following receipt of any such information.

10. *Payment of Cashless Exercise Price*. Notwithstanding anything contained herein to the contrary, the Holder may, in its sole discretion, satisfy its obligation to pay the Exercise Price through a "cashless exercise," in which event the Company shall issue to the Holder the number of Warrant Shares in an exchange of securities effected pursuant to Section 3(a)(9) of the Securities Act as determined as follows:

$$X = Y [(A-B)/A]$$

where:

"X" equals the number of Warrant Shares to be issued to the Holder;

"Y" equals the total number of Warrant Shares with respect to which this Warrant is then being exercised;

“A” equals the Closing Sale Price per share of Common Stock as of the Trading Day on the date immediately preceding the Exercise Date; and

“B” equals the Exercise Price per Warrant Share then in effect on the Exercise Date.

For purposes of Rule 144 promulgated under the Securities Act, it is intended, understood and acknowledged that the Warrant Shares issued in such a “cashless exercise” transaction shall be deemed to have been acquired by the Holder, and the holding period for the Warrant Shares shall be deemed to have commenced, on the date this Warrant was originally issued (*provided* that the Commission continues to take the position that such treatment is proper at the time of such exercise). In the event that the Registration Statement or another registration statement registering the issuance of Warrant shares is, for any reason, not effective at the time of exercise of this Warrant, then the Warrant may only be exercised through a cashless exercise, as set forth in this Section 10.

In no event will the exercise of this Warrant be settled in cash.

11. *Limitations on Exercise.*

(a) Notwithstanding anything to the contrary contained herein, the Company shall not effect any exercise of this Warrant, and the Holder shall not be entitled to exercise this Warrant for a number of Warrant Shares in excess of that number of Warrant Shares which, upon giving effect or immediately prior to such exercise, would cause (i) the aggregate number of shares of Common Stock beneficially owned by the Holder, its Affiliates and any other Persons whose beneficial ownership of Common Stock would be aggregated with the Holder’s for purposes of Section 13(d) of the Exchange Act to exceed 4.99% (the “**Maximum Percentage**”) of the total number of issued and outstanding shares of Common Stock of the Company following such exercise, or (ii) the combined voting power of the securities of the Company beneficially owned by the Holder and its Affiliates and any other Persons whose beneficial ownership of Common Stock would be aggregated with the Holder’s for purposes of Section 13(d) of the Exchange Act to exceed 4.99% of the combined voting power of all of the securities of the Company then outstanding following such exercise. For purposes of this Warrant, in determining the number of outstanding shares of Common Stock, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (x) the Company’s most recent Form 10-Q or Form 10-K, as the case may be, filed with the Commission prior to the date hereof, (y) a more recent public announcement by the Company or (z) any other notice by the Company or its transfer agent setting forth the number of shares of Common Stock outstanding. Upon the written request of the Holder, the Company shall within three (3) Trading Days confirm in writing or by electronic mail to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder since the date as of which such number of outstanding shares of Common Stock was reported. By written notice to the Company, the Holder may from time to time increase or decrease the Maximum Percentage to any other percentage, not in excess of 19.99%, specified in such notice; *provided* that any such increase will not be effective until the sixty-first (61st) day after such notice is delivered to the Company. For purposes of this Section 11(a), the aggregate number of shares of Common Stock or voting securities beneficially owned by the Holder and its Affiliates and any other Persons whose beneficial ownership of Common Stock would be aggregated with the Holder’s for purposes of Section 13(d) of the Exchange Act shall include the shares of Common Stock issuable upon the exercise of this Warrant with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which would be issuable upon (x) exercise of the remaining unexercised and non-cancelled portion of this Warrant by the Holder and (y) exercise or conversion of the unexercised, non-converted or non-cancelled portion of any other securities of the Company that do not have voting power (including without limitation any securities of the Company which would entitle the holder thereof to acquire at any time Common Stock, including without limitation any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock), is subject to a limitation on conversion or exercise analogous to the limitation contained herein and is beneficially owned by the Holder or any of its Affiliates and other Persons whose beneficial ownership of Common Stock would be aggregated with the Holder’s for purposes of Section 13(d) of the Exchange Act.

(b) This Section 11 shall not restrict the number of shares of Common Stock which a Holder may receive or beneficially own in order to determine the amount of securities or other consideration that such Holder may receive in the event of a Fundamental Transaction as contemplated in Section 9(c) of this Warrant.

12. *No Fractional Shares.* No fractional Warrant Shares will be issued in connection with any exercise of this Warrant. In lieu of any fractional shares that would otherwise be issuable, the number of Warrant Shares to be issued shall be rounded down to the next whole number.

13. *Notices.* Any and all notices or other communications or deliveries hereunder (including, without limitation, any Exercise Notice) shall be in writing and shall be deemed given and effective on the earliest of (i) the date of transmission, if such notice or communication is delivered via facsimile or confirmed e-mail prior to 5:30 P.M., New York City time, on a Trading Day, (ii) the next Trading Day after the date of transmission, if such notice or communication is delivered via facsimile or confirmed e-mail on a day that is not a Trading Day or later than 5:30 P.M., New York City time, on any Trading Day, (iii) the Trading Day following the date of mailing, if sent by nationally recognized overnight courier service specifying next business day delivery, or (iv) upon actual receipt by the Person to whom such notice is required to be given, if by hand delivery. The addresses, facsimile numbers and e-mail addresses for such communications shall be:

If to the Company:

Aeglea BioTherapeutics, Inc.
Attention: Chief Financial Officer
221 Crescent Street
Building 23, Suite 105
Waltham, MA 02453
Telephone: (617) 651-5940
Email:

If to the Holder, to its address, facsimile number or e-mail address set forth herein or on the books and records of the Company.

Or, in each of the above instances, to such other address, facsimile number or e-mail address as the recipient party has specified by written notice given to each other party at least five (5) days prior to the effectiveness of such change.

14. *Warrant Agent.* The Company shall initially serve as warrant agent under this Warrant. Upon ten (10) days' notice to the Holder, the Company may appoint a new warrant agent. Any corporation into which the Company or any new warrant agent may be merged or any corporation resulting from any consolidation to which the Company or any new warrant agent shall be a party or any corporation to which the Company or any new warrant agent transfers substantially all of its corporate trust or shareholders services business shall be a successor warrant agent under this Warrant without any further act. Any such successor warrant agent shall promptly cause notice of its succession as warrant agent to be mailed (by first class mail, postage prepaid) to the Holder at the Holder's last address as shown on the Warrant Register.

15. *Miscellaneous.*

(a) No Rights as a Stockholder. The Holder, solely in such Person's capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in such Person's capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, amalgamation, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which such Person is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company.

(b) Authorized Shares. Except and to the extent as waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its certificate or articles of incorporation or through any reorganization, transfer of assets, consolidation, merger, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such actions as may be necessary or appropriate to protect the rights of Holder as set forth in this Warrant against impairment. Without limiting the generality of the foregoing, the Company will (a) not increase the par value of any Warrant Shares above the amount payable therefor upon such exercise immediately prior to such increase in par value, (b) take all such action as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable Warrant Shares upon the exercise of this Warrant, and (c) use commercially reasonable efforts to obtain all such authorizations, exemptions or consents from any public regulatory body having jurisdiction thereof as may be necessary to enable the Company to perform its obligations under this Warrant.

(c) Successors and Assigns. Subject to compliance with applicable securities laws, this Warrant may be assigned by the Holder. This Warrant may not be assigned by the Company without the written consent of the Holder, except to a successor in the event of a Fundamental Transaction. This Warrant shall be binding on and inure to the benefit of the Company and the Holder and their respective successors and assigns. Subject to the preceding sentence, nothing in this Warrant shall be construed to give to any Person other than the Company and the Holder any legal or equitable right, remedy or cause of action under this Warrant. This Warrant may be amended only in writing signed by the Company and the Holder, or their successors and assigns.

(d) Amendment and Waiver. Except as otherwise provided herein, the provisions of the Warrants may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Holder.

(e) Acceptance. Receipt of this Warrant by the Holder shall constitute acceptance of and agreement to all of the terms and conditions contained herein.

(f) Governing Law; Jurisdiction. ALL QUESTIONS CONCERNING THE CONSTRUCTION, VALIDITY, ENFORCEMENT AND INTERPRETATION OF THIS WARRANT SHALL BE GOVERNED BY AND CONSTRUED AND ENFORCED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO THE PRINCIPLES OF CONFLICTS OF LAW THEREOF. EACH OF THE COMPANY AND THE HOLDER HEREBY IRREVOCABLY SUBMITS TO THE EXCLUSIVE JURISDICTION OF THE STATE AND FEDERAL COURTS SITTING IN THE CITY OF NEW YORK, BOROUGH OF MANHATTAN, FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION HERewith OR WITH ANY TRANSACTION CONTEMPLATED HEREBY OR DISCUSSED HEREIN (INCLUDING WITH RESPECT TO THE ENFORCEMENT OF ANY OF THE TRANSACTION DOCUMENTS), AND HEREBY IRREVOCABLY WAIVES, AND AGREES NOT TO ASSERT IN ANY SUIT, ACTION OR PROCEEDING, ANY CLAIM THAT IT IS NOT PERSONALLY SUBJECT TO THE JURISDICTION OF ANY SUCH COURT. EACH OF THE COMPANY AND THE HOLDER HEREBY IRREVOCABLY WAIVES PERSONAL SERVICE OF PROCESS AND CONSENTS TO PROCESS BEING SERVED IN ANY SUCH SUIT, ACTION OR PROCEEDING BY MAILING A COPY THEREOF VIA REGISTERED OR CERTIFIED MAIL OR OVERNIGHT DELIVERY (WITH EVIDENCE OF DELIVERY) TO SUCH PERSON AT THE ADDRESS IN EFFECT FOR NOTICES TO IT AND AGREES THAT SUCH SERVICE SHALL CONSTITUTE GOOD AND SUFFICIENT SERVICE OF PROCESS AND NOTICE THEREOF. NOTHING CONTAINED HEREIN SHALL BE DEEMED TO LIMIT IN ANY WAY ANY RIGHT TO SERVE PROCESS IN ANY MANNER PERMITTED BY LAW. EACH OF THE COMPANY AND THE HOLDER HEREBY WAIVES ALL RIGHTS TO A TRIAL BY JURY.

(g) Headings. The headings herein are for convenience only, do not constitute a part of this Warrant and shall not be deemed to limit or affect any of the provisions hereof.

(h) Severability. In case any one or more of the provisions of this Warrant shall be invalid or unenforceable in any respect, the validity and enforceability of the remaining terms and provisions of this Warrant shall not in any way be affected or impaired thereby, and the Company and the Holder will attempt in good faith to agree upon a valid and enforceable provision which shall be a commercially reasonable substitute therefor, and upon so agreeing, shall incorporate such substitute provision in this Warrant.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the Company has caused this Warrant to be duly executed by its authorized officer as of the date first indicated above.

AEGLEA BIOTHERAPEUTICS, INC.

By: _____
Name: Scott Burrows
Title: Chief Financial Officer

SCHEDULE 1
FORM OF EXERCISE NOTICE

[To be executed by the Holder to purchase shares of Common Stock under the Warrant]

Ladies and Gentlemen:

(1) The undersigned is the Holder of Warrant No. (the “Warrant”) issued by Aeglea BioTherapeutics, Inc., a Delaware corporation (the “Company”). Capitalized terms used herein and not otherwise defined herein have the respective meanings set forth in the Warrant.

(2) The undersigned hereby exercises its right to purchase _____ Warrant Shares pursuant to the Warrant.

(3) The Holder intends that payment of the Exercise Price shall be made as (check one):

- ☐ Cash Exercise
- ☐ “Cashless Exercise” under Section 10 of the Warrant

(4) If the Holder has elected a Cash Exercise, the Holder shall pay the sum of \$_____ in immediately available funds to the Company in accordance with the terms of the Warrant.

(5) Pursuant to this Exercise Notice, the Company shall deliver to the Holder Warrant Shares determined in accordance with the terms of the Warrant. The Warrant Shares shall be delivered to the following DWAC Account Number: _____

(6) By its delivery of this Exercise Notice, the undersigned represents and warrants to the Company that in giving effect to the exercise evidenced hereby the Holder will not beneficially own in excess of the number of shares of Common Stock (as determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended) permitted to be owned under Section 11(a) of the Warrant to which this notice relates.

Dated: _____
Name of _____
Holder: _____
By: _____
Name: _____
Title: _____

(Signature must conform in all respects to name of Holder as specified on the face of the Warrant)

GIBSON DUNN

Gibson, Dunn & Crutcher LLP

555 Mission Street
San Francisco, CA 94105-0921
Tel 415.393.8200
www.gibsondunn.com

Client: 06759-00001

November 15, 2023

Aeglea BioTherapeutics, Inc.
221 Crescent Street
Building 23, Suite 105
Waltham, MA 02453

Re: Aeglea BioTherapeutics, Inc.
Registration Statement on Form S-1

Ladies and Gentlemen:

We have acted as counsel to Aeglea BioTherapeutics, Inc., a Delaware corporation (the “Company”), in connection with the preparation and filing with the Securities and Exchange Commission (the “Commission”) of a Registration Statement on Form S-1 (the “Registration Statement”) pursuant to the Securities Act of 1933, as amended (the “Securities Act”), relating to the resale from time to time by the selling stockholders named therein of up to 18,809,064 shares of the Company’s common stock, par value \$0.0001 per share (the “Shares”).

In arriving at the opinion expressed below, we have examined originals, or copies certified or otherwise identified to our satisfaction as being true and complete copies of the originals, of the specimen common stock certificates and such other documents, corporate records, certificates of officers of the Company and of public officials and other instruments as we have deemed necessary or advisable to enable us to render these opinions. In our examination, we have assumed the genuineness of all signatures, the legal capacity and competency of all natural persons, the authenticity of all documents submitted to us as originals and the conformity to original documents of all documents submitted to us as copies.

Based on the foregoing, and subject to the assumptions, exceptions, qualifications and limitations set forth herein, we are of the opinion that the Shares, when issued against payment therefor as set forth in the Registration Statement, will be validly issued, fully paid and non-assessable.

We consent to the filing of this opinion as an exhibit to the Registration Statement, and we further consent to the use of our name under the caption “Legal Matters” in the Registration Statement and the prospectus that forms a part thereof. In giving these consents, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission.

Very truly yours,

/s/ Gibson, Dunn & Crutcher LLP

Abu Dhabi • Beijing • Brussels • Century City • Dallas • Denver • Dubai • Frankfurt • Hong Kong • Houston • London • Los Angeles
Munich • New York • Orange County • Palo Alto • Paris • San Francisco • Singapore • Washington, D.C.



June 22, 2023

Cameron Turtle

Re: Offer of Employment

Dear Cameron:

On behalf of Aeglea BioTherapeutics, Inc. (the "Company"), I am very pleased to offer you a position as Chief Operating Officer of the Company (the "Role") pursuant to this letter agreement (the "Agreement"), provided you accept such offer as indicated by your signature below.

Your employment with the Company in the Role will commence as of June 22, 2023 (the "Effective Date"). Should you not commence services by the Effective Date or if this Agreement is otherwise terminated on or prior to the Effective Date, you hereby agree that this Agreement shall be void *ab initio* and of no force or effect.

1. Position. While serving in the Role, you will initially report to the Board of Directors of the Company (the "Board"), and have such duties, authorities, and responsibilities as are customarily associated with the Role. This is a full-time employment position. It is understood and agreed that, commencing as of the Effective Date you will not engage in any other employment, consulting or other business activities (whether full-time or part-time), except as expressly authorized in writing by the Board. Notwithstanding the foregoing, you may engage in religious, charitable and other community activities so long as such activities do not unreasonably interfere or conflict with your obligations to the Company.

2. Base Salary. Upon and following the Effective Date, as cash compensation for your services, the Company will pay you an initial base salary of \$450,000 per year, payable in accordance with the Company's standard payroll schedule and subject to applicable deductions and withholdings. Your base salary will be subject to periodic review and potential adjustment in the Board's discretion. Your base salary in effect at any given time is referred to herein as the "Base Salary."

3. Annual Bonus. Commencing as of the Effective Date, you will be eligible to receive an annual performance bonus targeted at 50% of your Base Salary. The target annual bonus in effect at any given time is referred to herein as "Target Bonus." Your 2023 annual bonus will be prorated based on your period of employment following the Effective Date. The actual bonus amount is discretionary and may be subject to achievement of performance targets established by the Compensation Committee of the Board for such year. To earn an annual bonus, you must be (except as otherwise provided herein) employed by the Company as of the payment date of such bonus. Any annual bonus will be paid no later than March 15th of the calendar year following the calendar year to which such bonus relates.

4. Inducement Grant. Subject to approval by the Company's Board and as a material inducement to you agreeing to become employed by the Company, the Company will grant you nonqualified stock options to purchase 44,650,058 shares of the Company's common stock as soon as practicable following the Effective Date and with an exercise price equal to the fair market value of the underlying shares on the date of grant as determined by the Board (the "Inducement Options"). The Inducement Options will be governed by the terms of the related award agreement, the Company's 2018 Equity Inducement Plan and the terms and conditions approved by the Board. The Inducement Options will be granted in compliance with NASDAQ Listing Rule 5635(c)(4) as a material inducement to you entering into employment with the Company. For the avoidance of doubt, the Inducement Options are in full satisfaction of those certain Replenishment Options referenced in that certain Consulting Agreement entered into between you and Spyre Therapeutics, Inc. as of May 8, 2023 (the "Consulting Agreement"). You acknowledge and agree that you are not entitled to any other compensation pursuant to the Consulting Agreement.

5. Benefits/Paid Time Off. Commencing as of the Effective Date, you will be eligible, subject to the terms of the applicable plans and programs, to participate in the employee benefits and insurance programs generally made available to the Company's full-time employees. Details of such benefits programs, including applicable employee contributions and waiting periods, if applicable, will be made available to you when such benefit(s) become available. You will be entitled to paid time off consistent with the terms of the Company's paid time off policy, as in effect from time to time. The Company reserves the right to modify, limit, amend or cancel any of its benefits plans or programs at any time.

6. Expense Reimbursement. The Company will reimburse you for all reasonable and necessary expenses incurred by you in connection with performing your duties as an employee of the Company and that are pre-approved by the Company, provided that you comply with any Company policy or practice on submitting, accounting for and documenting such expenses.

7. Location. Your primary work location will be remotely in California, provided that you may be required to engage in reasonable travel for business, consistent with the Company's business needs. You may change your remote work location with prior written notice to and approval from the Company.

8. At-Will Employment; Date of Termination. At all times, your employment with the Company is “at will,” meaning you or the Company may terminate it at any time for any or no reason, subject to the terms of this Agreement. Although your job duties, title, reporting structure, compensation and benefits, as well as the Company’s benefit plans and personnel policies and procedures, may change from time to time (subject to the terms of this Agreement), the “at will” nature of your employment may only be changed in an express written agreement signed by you and an authorized officer of the Company (subject to approval by the Board or the Compensation Committee of the Board). Your last day of employment for any reason is referred to herein as the “Date of Termination.” In the event that you elect to end your employment other than for Good Reason, the Company requires you to provide at least 30 days’ advance written notice to the Company; and in the event that the Company terminates you without “Cause”, you shall be given at least 30 days advance written notice by the Company. Notwithstanding the foregoing, the Company may unilaterally accelerate the Date of Termination, and such acceleration shall not result in a termination by the Company for purposes of this Agreement.

To the extent applicable, you shall be deemed to have resigned from all officer and board member positions that you hold with the Company or any of its respective subsidiaries and affiliates upon the termination of your employment for any reason. You shall execute any documents in reasonable form as may be requested to confirm or effectuate any such resignations.

9. Accrued Obligations. In the event of the ending of your employment for any reason, the Company shall pay you (i) your Base Salary and, if applicable, any accrued but unused vacation, through the Date of Termination, and (ii) the amount of any documented expenses properly incurred by you on behalf of the Company prior to any such termination and not yet reimbursed. (the “Accrued Obligations”).

10. Severance Pay and Benefits Outside of the Change in Control Period. As explained below, under certain circumstances you will be entitled to severance equal to the Severance Amount (as defined below), accelerated vesting of a portion of your unvested equity awards, plus continued employee benefits pursuant to COBRA (as defined below):

In the event that the Company terminates your employment without Cause outside of the Change in Control Period (as such capitalized terms are defined in Appendix A), then, in addition to the Accrued Obligations, and subject to (i) your execution and non-revocation of a separation agreement and release in a form acceptable to the Company, which shall include a general release of claims against the Company and all related persons and entities and a reaffirmation of the Continuing Obligations (as defined below) and shall provide that if you breach the Continuing Obligations, all payments of the Severance Amount (as defined below) shall immediately cease (the “Separation Agreement and Release”), and (ii) the Separation Agreement and Release becoming irrevocable, all within 60 days after the Date of Termination (or such shorter period as set forth in the Separation Agreement and Release), which shall include a seven (7) day revocation period:

- (a) The Company shall pay you an amount equal to 12 months of your Base Salary plus any bonus earned but unpaid for the year immediately prior to the year of termination (such salary and bonus together, the "Severance Amount").
- (b) Notwithstanding anything to the contrary in any applicable equity-based award agreement or plan, the unvested portion of your then outstanding equity-based awards subject to time-based vesting (the "Time-Based Equity Awards") that would have vested within the 12-month period following the Termination Date shall immediately accelerate and become vested or nonforfeitable as of the later of (i) the Date of Termination or (ii) the effective date of the Separation Agreement and Release (such later date being the "Accelerated Vesting Date"); provided that no such acceleration of vesting shall occur if the Date of Termination precedes the one-year anniversary of the Effective Date; and provided further that any termination or forfeiture of the unvested portion of such Time-Based Equity Awards that would otherwise occur on the Date of Termination in the absence of this Agreement will be delayed until the effective date of the Separation Agreement and Release and will only occur if the vesting pursuant to this subsection does not occur due to the absence of the Separation Agreement and Release becoming fully effective within the time period set forth therein. Notwithstanding the foregoing, no additional vesting of the Time-Based Equity Awards shall occur during the period between the Date of Termination and the Accelerated Vesting Date.
- (c) Subject to your copayment of premium amounts at the applicable active employees' rate and your proper election to receive benefits under the Consolidated Omnibus Budget Reconciliation Act of 1985, as amended ("COBRA"), the Company shall pay to the group health plan provider(s), the COBRA provider or you a monthly payment equal to the monthly employer contribution that the Company would have made to provide health insurance to you if you had remained employed by the Company until the earliest of (A) the 12-month anniversary of the Date of Termination; (B) your eligibility for group health plan benefits under any other employer's group health plan; or (C) the cessation of your continuation rights under COBRA; provided, however, that if the Company reasonably determines that it cannot pay such amounts to the group health plan provider(s) or the COBRA provider (if applicable) without potentially violating applicable law (including, without limitation, Section 2716 of the Public Health Service Act), then the Company shall convert such payments to payroll payments directly to you for the time period specified above. Such payments, if to you, shall be subject to tax-related deductions and withholdings and paid on the Company's regular payroll dates.

The amounts payable under Section 10(a) and (c), to the extent taxable, shall be paid out in substantially equal installments in accordance with the Company's payroll practice over 12 months commencing within 60 days after the Date of Termination; provided, however, that if the 60-day period begins in one calendar year and ends in a second calendar year, the Severance Amount, to the extent it qualifies as "non-qualified deferred compensation" within the meaning of Section 409A of the Internal Revenue Code of 1986, as amended (the "Code"), shall begin to be paid in the second calendar year by the last day of such 60-day period; provided, further, that the initial payment shall include a catch-up payment to cover amounts retroactive to the day immediately following the Date of Termination. Each payment pursuant to this Agreement is intended to constitute a separate payment for purposes of Treasury Regulation Section 1.409A-2(b)(2).

Notwithstanding anything to the contrary in this Agreement, for the avoidance of doubt:

- (i) if your employment ends for any reason other than a termination by the Company without Cause, you will be entitled to the Accrued Obligations and will not be entitled to any further compensation from the Company; and
- (ii) if your employment ends due to your death or disability, you will receive the Accrued Obligations but will not be eligible for severance pay, accelerated vesting, or benefits, whether pursuant to Section 10, Section 11 or otherwise.

11. Severance Pay and Benefits Within the Change in Control Period. As explained below, under certain circumstances in the event of a Change in Control you would be entitled to accelerated vesting of your unvested equity awards:

In the event that the Company terminates your employment without Cause or you resign for Good Reason, in each case within the Change in Control Period, then, in addition to you being entitled to the Accrued Obligations, and subject to your execution and non-revocation of the Separation Agreement and Release and it becoming fully effective, all within 60 days after the Date of Termination (or such shorter period as set forth in the Separation Agreement and Release), which shall include a seven-day revocation period, the Company shall (i) provide you the severance pay and benefits set forth in Section 10, subject to the terms and conditions set forth in Section 10, and (ii) notwithstanding anything to the contrary in any applicable equity-based award agreement or plan, all of your Time-Based Equity Awards shall immediately accelerate and become fully

vested or nonforfeitable as of the Accelerated Vesting Date; provided that any termination or forfeiture of the unvested portion of such Time-Based Equity Awards that would otherwise occur on the Date of Termination in the absence of this Agreement will be delayed until the effective date of the Separation Agreement and Release and will only occur if the vesting pursuant to this subsection does not occur due to the absence of the Separation Agreement and Release becoming fully effective within the time period set forth therein. Notwithstanding the foregoing, no additional vesting of the Time-Based Equity Awards shall occur during the period between the Date of Termination and the Accelerated Vesting Date.

For the avoidance of doubt, Section 10 and Section 11 of this Agreement are mutually exclusive and in no event shall you be entitled to payments or benefits pursuant to both Section 10 and Section 11 of this Agreement.

12. Continuing Obligations.

- (a) **PIIA Agreement.** As a condition of your employment, you are required to enter into a Proprietary Information and Inventions Assignment Agreement, which is enclosed with this Agreement (the “PIIA Agreement”), which must be signed prior to the Effective Date. For purposes of this Agreement, the obligations in this Section 12 and those that arise in the PIIA Agreement and any other agreement relating to confidentiality, assignment of inventions, or other restrictive covenants shall collectively be referred to as the “Continuing Obligations.”
- (b) **Third Party Agreements and Rights.** You hereby confirm that you are not bound by the terms of any agreement with any previous employer or other party which would prevent you from performing your obligations hereunder. You represent to the Company that your execution of this Agreement, your employment with the Company and the performance of your proposed duties for the Company will not violate any obligations you may have to any such previous employer or other party. In your work for the Company, you will not disclose or make use of any information in violation of any agreements with or rights of any such previous employer or other party, and you will not bring to the premises of the Company any copies or other tangible embodiments of non-public information belonging to or obtained from any such previous employment or other party.
- (c) **Litigation and Regulatory Cooperation.** You shall cooperate fully with the Company in (i) the defense or prosecution of any claims or actions now in existence or which may be brought in the future against or on behalf of the Company which relate to events or occurrences that transpired while you were engaged or employed by the Company, and (ii) the investigation, whether

internal or external, of any matters about which the Company believes you may have knowledge or information. Your full cooperation in connection with such claims, actions or investigations shall include, but not be limited to, being reasonably available to meet with counsel to answer questions or to prepare for discovery or trial and to act as a witness on behalf of the Company at mutually convenient times. During and after your engagement and employment, you also shall cooperate fully with the Company in connection with any investigation or review of any federal, state or local regulatory authority as any such investigation or review relates to events or occurrences that transpired while you were employed by the Company. The Company shall reimburse you for any reasonable out-of-pocket expenses incurred in connection with your performance of obligations pursuant to this Section 12(c).

- (d) **Relief.** You agree that it would be difficult to measure any damages caused to the Company which might result from your breach of any of the Continuing Obligations, and that in any event money damages would be an inadequate remedy for any such breach. Accordingly, you agree that if you breach, or propose to breach, any portion of the Continuing Obligations, the Company shall be entitled, in addition to all other remedies that it may have, to an injunction or other appropriate equitable relief to restrain any such breach without showing or proving any actual damage to the Company.

13. Golden Parachute Taxes.

- (a) **Best After-Tax Result.** In the event that any payment or benefit received or to be received by you pursuant to this Agreement or otherwise ("Payments") would (i) constitute a "parachute payment" within the meaning of Section 280G of the Code and (ii) but for this subsection (a), be subject to the excise tax imposed by Section 4999 of the Code, any successor provisions, or any comparable federal, state, local or foreign excise tax ("Excise Tax"), then, subject to the provisions of Section 14, such Payments shall be either (A) provided in full pursuant to the terms of this Agreement or any other applicable agreement, or (B) provided as to such lesser extent which would result in the Payments being \$1.00 less than the amount at which any portion of the Payments would be subject to the Excise Tax, whichever of the foregoing amounts, taking into account the applicable federal, state, local and foreign income, employment and other taxes and the Excise Tax (including, without limitation, any interest or penalties on such taxes), results in the receipt, on an after-tax basis, of the greatest amount of payments and benefits provided for hereunder or otherwise, notwithstanding that all or some portion of such Payments may be subject to the Excise Tax. Unless the Company

and you otherwise agree in writing, any determination required under this Section shall be made by independent tax counsel designated by the Company and reasonably acceptable to you (“Independent Tax Counsel”), whose determination shall be conclusive and binding upon you and the Company for all purposes. For purposes of making the calculations required under this Section, Independent Tax Counsel may make reasonable assumptions and approximations concerning applicable taxes and may rely on reasonable, good faith interpretations concerning the application of Sections 280G and 4999 of the Code; provided that Independent Tax Counsel shall assume that you pay all taxes at the highest marginal rate. The Company and you shall furnish to Independent Tax Counsel such information and documents as Independent Tax Counsel may reasonably request in order to make a determination under this Section. The Company shall bear all costs that Independent Tax Counsel may reasonably incur in connection with any calculations contemplated by this Section. In the event that Section 13(a)(ii)(B) above applies, then based on the information provided to you and the Company by Independent Tax Counsel, the cutback described hereunder will apply as to compensation not subject to Section 409A of the Code prior to compensation subject to Section 409A of the Code and will otherwise apply on a reverse chronological basis from payments latest in time. If the Internal Revenue Service (the “IRS”) determines that any Payment is subject to the Excise Tax, then Section 13(b) hereof shall apply, and the enforcement of Section 13(b) shall be the exclusive remedy to the Company.

- (b) **Adjustments.** If, notwithstanding any reduction described in Section 13(a) hereof (or in the absence of any such reduction), the IRS determines that you are liable for the Excise Tax as a result of the receipt of one or more Payments, then you shall be obligated to surrender or pay back to the Company within one-hundred 120 days after a final IRS determination, an amount of such payments or benefits equal to the “Repayment Amount.” The Repayment Amount with respect to such Payments shall be the smallest such amount, if any, as shall be required to be surrendered or paid to the Company so that your net proceeds with respect to such Payments (after taking into account the payment of the Excise Tax imposed on such Payments) shall be maximized. Notwithstanding the foregoing, the Repayment Amount with respect to such Payments shall be zero if a Repayment Amount of more than zero would not eliminate the Excise Tax imposed on such Payments or if a Repayment Amount of more than zero would not maximize the net amount received from the Payments. If the Excise Tax is not eliminated pursuant to this Section 13(b), you shall pay the Excise Tax.

14. Section 409A.

- (a) Anything in this Agreement to the contrary notwithstanding, if at the time of your separation from service within the meaning of Section 409A of the Code, the Company determines that you are a “specified employee” within the meaning of Section 409A(a)(2)(B)(i) of the Code, then to the extent any payment or benefit that you become entitled to under this Agreement or otherwise on account of your separation from service would be considered deferred compensation otherwise subject to the additional tax imposed pursuant to Section 409A(a) of the Code as a result of the application of Section 409A(a)(2)(B)(i) of the Code, such payment shall not be payable and such benefit shall not be provided until the date that is the earlier of (A) six months and one day after your separation from service, or (B) your death. If any such delayed cash payment is otherwise payable on an installment basis, the first payment shall include a catch-up payment covering amounts that would otherwise have been paid during the six-month period but for the application of this provision (without interest), and the balance of the installments shall be payable in accordance with their original schedule.
- (b) All in-kind benefits provided and expenses eligible for reimbursement under this Agreement shall be provided by the Company or incurred by you during the time periods set forth in this Agreement. All reimbursements shall be paid as soon as administratively practicable, but in no event shall any reimbursement be paid after the last day of the taxable year following the taxable year in which the expense was incurred. The amount of in-kind benefits provided or reimbursable expenses incurred in one taxable year shall not affect the in-kind benefits to be provided or the expenses eligible for reimbursement in any other taxable year (except for any lifetime or other aggregate limitation applicable to medical expenses). Such right to reimbursement or in-kind benefits is not subject to liquidation or exchange for another benefit.
- (c) To the extent that any payment or benefit described in this Agreement constitutes “non-qualified deferred compensation” under Section 409A of the Code, and to the extent that such payment or benefit is payable upon the termination of your employment, then such payments or benefits shall be payable only upon your “separation from service.” The determination of whether and when a separation from service has occurred shall be made in accordance with the presumptions set forth in Treasury Regulation Section 1.409A-1(h).

- (d) The parties intend that this Agreement will be administered in accordance with Section 409A of the Code. To the extent that any provision of this Agreement is ambiguous as to its compliance with Section 409A of the Code, the provision shall be read in such a manner so that all payments hereunder comply with Section 409A of the Code. Each payment pursuant to this Agreement is intended to constitute a separate payment for purposes of Treasury Regulation Section 1.409A-2(b)(2). The parties agree that this Agreement may be amended, as reasonably requested by either party, and as may be necessary to fully comply with Section 409A of the Code and all related rules and regulations in order to preserve the payments and benefits provided hereunder without additional cost to either party.
- (e) The Company makes no representation or warranty and shall have no liability to you or any other person if any provisions of this Agreement are determined to constitute deferred compensation subject to Section 409A of the Code but do not satisfy an exemption from, or the conditions of, such Section.

15. Withholding; Tax Effect. All forms of compensation referred to in this Agreement are subject to reduction to reflect applicable withholding and payroll taxes and other deductions required by law. You hereby acknowledge that the Company does not have a duty to design its compensation policies in a manner that minimizes your tax liabilities, and you will not make any claim against the Company or the Board related to tax liabilities arising from your compensation.

16. Recoupment. Amounts paid or payable under this Agreement shall be subject to the provisions of any applicable clawback or recoupment policies or procedures adopted by the Company, which clawback or recoupment policies may provide for forfeiture and/or recoupment of amounts paid or payable under this Agreement. No forfeiture or recoupment under such policies or procedures will give rise to a right to resign for Good Reason under this Agreement or any other agreement between you and the Company.

17. Interpretation and Enforcement. This Agreement, together with Appendix A, the PIIA Agreement and the other agreements referenced herein, constitute the complete agreement between you and the Company, contains all of the terms of your employment with the Company and supersedes any prior agreements, representations or understandings (whether written, oral or implied) between you and the Company, and, for the avoidance of doubt, the Consulting Agreement. The terms of this Agreement and the resolution of any disputes as to the meaning, effect, performance or validity of this Agreement or arising out of, related to, or in any way connected with this Agreement, your employment with the Company or any other relationship between you and the Company (the “Disputes”) will be governed by California law, excluding laws relating to conflicts or choice of law and Disputes arising in connection with any equity incentive

plan, which shall be governed by the terms of the applicable equity incentive plan. You and the Company submit to the exclusive personal jurisdiction of the federal and state courts located in the State of California in connection with any Dispute or any claim related to any Dispute, except for Disputes arising under any equity incentive plan.

18. Assignment. Neither you nor the Company may make any assignment of this Agreement or any interest in it, by operation of law or otherwise, without the prior written consent of the other; provided, however, that the Company may assign its rights and obligations under this Agreement without your consent to any affiliate or to any person or entity with whom the Company shall hereafter effect a reorganization, consolidate with, or merge into or to whom it transfers all or substantially all of its properties or assets; provided further, that if you remain employed or become employed by the Company, the purchaser or any of their affiliates in connection with any such transaction, then you shall not be entitled to any payments, benefits or vesting pursuant to Section 10 or pursuant to Section 11 of this Agreement solely as a result of such transaction. This Agreement shall inure to the benefit of and be binding upon you and the Company, and each of your and its respective successors, executors, administrators, heirs and permitted assigns.

19. Waiver; Amendment. No waiver of any provision hereof shall be effective unless made in writing and signed by the waiving party. The failure of any party to require the performance of any term or obligation of this Agreement, or the waiver by any party of any breach of this Agreement, shall not prevent any subsequent enforcement of such term or obligation or be deemed a waiver of any subsequent breach. This Agreement may be amended or modified only by a written instrument signed by you and by a duly authorized representative of the Company.

20. Enforceability. If any portion or provision of this Agreement (including, without limitation, any portion or provision of any section of this Agreement) shall to any extent be declared illegal or unenforceable by a court of competent jurisdiction, then the remainder of this Agreement, or the application of such portion or provision in circumstances other than those as to which it is so declared illegal or unenforceable, shall not be affected thereby, and each portion and provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

21. Conditions. As with any employee, you must submit satisfactory proof of your identity and your legal authorization to work in the United States on or prior to the Effective Date.

22. Other Terms. The provisions of this Agreement shall survive the termination of this Agreement and/or the termination of your employment to the extent necessary to effectuate the terms contained herein. The headings and other captions in this Agreement are for convenience and reference only and shall not be used in interpreting, construing or enforcing any of the provisions of this Agreement. This Agreement may be executed in separate counterparts. When both counterparts are signed, they shall be treated together as one and the same document. PDF copies of signed counterparts shall be equally effective as originals.



I look forward to working with you to make the Company a great success.

Sincerely,

/s/ Jonathan Alspaugh

Name: Jonathan Alspaugh

Title: President and Chief Financial Officer

Accepted and acknowledged:

/s/ Cameron Turtle

Cameron Turtle

Date: June 22, 2023

Appendix A

1. “Cause” shall mean (i) your dishonest statements or acts with respect to the Company or any affiliate of the Company, or any current or prospective customers, suppliers, vendors or other third parties with which such entity does business that results in or is reasonably anticipated to result in material harm to the Company; (ii) your conviction or plea of no contest to: (A) a felony or (B) any misdemeanor involving moral turpitude, deceit, dishonesty or fraud; (iii) your failure to perform in all material respects your assigned duties and responsibilities to the reasonable satisfaction of the Board, which failure continues, in the reasonable judgment of the Board, for 30 days after written notice given to you describing such failure; (iv) your gross negligence, willful misconduct that results in or is reasonably anticipated to result in material harm to the Company; or (v) your violation of any material provision of any agreement(s) between you and the Company or any written Company policies including, without limitation, agreements relating to non-solicitation, non-disclosure and/or assignment of inventions or policies related to ethics or workplace conduct.
2. “Change in Control” shall have the meaning provided for the term “Corporate Transaction” under the Company’s 2016 Equity Incentive Plan (or the meaning provided to any word of similar import under any successor plan).
3. “Change in Control Period” shall mean the 12-month period that immediately follows the first event constituting a Change in Control.
4. “Good Reason” shall mean that you have complied with the Good Reason Process (hereinafter defined) following the occurrence, without your written consent, of any of the following events: (i) a material diminution in your base salary or Target Bonus except for across-the-board salary and target bonus reductions of no more than 10% based on the Company’s financial performance similarly affecting all or substantially all senior management employees of the Company; (ii) a material change in the geographic location at which you are required to provide services to the Company or a requirement that you change your remote location to a location outside the state of California; (iii) a material reduction in your duties, authority or responsibilities; (iv) the failure of the Company to obtain the assumption of this Agreement by a successor; or (v) the material breach of this Agreement (or any other agreements with you) by the Company.
5. “Good Reason Process” shall mean that (i) you reasonably determine in good faith that a “Good Reason” condition has occurred; (ii) you notify the Company in writing of the first occurrence of the Good Reason condition within 60 days of the first occurrence of such condition; (iii) you cooperate in good faith with the Company’s efforts, for a period not less than 30 days following such notice (the “Cure Period”), to remedy the condition; (iv) notwithstanding such efforts, the Good Reason condition continues to exist; and (v) you terminate your employment within 60 days after the end of the Cure Period. If the Company cures the Good Reason condition during the Cure Period, Good Reason shall be deemed not to have occurred.

INDEMNITY AGREEMENT

This Indemnity Agreement, dated as of [•], 2018 is made by and between Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), and [•], a director, officer or key employee of the Company or one of the Company’s subsidiaries or other service provider who satisfies the definition of Indemnifiable Person set forth below (“**Indemnitee**”).

RECITALS

A. The Company is aware that competent and experienced persons are increasingly reluctant to serve as representatives of corporations unless they are protected by comprehensive liability insurance and indemnification, due to increased exposure to litigation costs and risks resulting from their service to such corporations, and due to the fact that the exposure frequently bears no relationship to the compensation of such representatives;

B. The members of the Board of Directors of the Company (the “Board”) have concluded that to retain and attract talented and experienced individuals to serve as representatives of the Company and its Subsidiaries and Affiliates and to encourage such individuals to take the business risks necessary for the success of the Company and its Subsidiaries and Affiliates, it is necessary for the Company to contractually indemnify certain of its representatives and the representatives of its Subsidiaries and Affiliates, and to assume for itself maximum liability for Expenses and Other Liabilities in connection with claims against such representatives in connection with their service to the Company and its Subsidiaries and Affiliates;

C. Section 145 of the Delaware General Corporation Law (“Section 145”), empowers the Company to indemnify by agreement its officers, directors, employees and agents, and persons who serve, at the request of the Company, as directors, officers, employees or agents of other corporations, partnerships, joint ventures, trusts or other enterprises, and expressly provides that the indemnification provided thereby is not exclusive; and

D. The Company desires and has requested Indemnitee to serve or continue to serve as a representative of the Company and/or the Subsidiaries or Affiliates of the Company free from undue concern about inappropriate claims for damages arising out of or related to such services to the Company and/or the Subsidiaries or Affiliates of the Company.

AGREEMENT

NOW, THEREFORE, the parties hereto, intending to be legally bound, hereby agree as follows:

1. Definitions.

(a) Affiliate. For purposes of this Agreement, “Affiliate” of the Company means any corporation, partnership, limited liability company, joint venture, trust or other enterprise in respect of which Indemnitee is or was or will be serving as a director, officer, trustee, manager, member, partner, employee, agent, attorney, consultant, member of the entity’s governing body (whether constituted as a board of directors, board of managers, general partner or otherwise), fiduciary, or in any other similar capacity at the request, election or direction of the Company, and including, but not limited to, any employee benefit plan of the Company or a Subsidiary or Affiliate of the Company.

(b) Change in Control. For purposes of this Agreement, “**Change in Control**” means (i) any “**person**” (as such term is used in Sections 13(d) and 14(d) of the Securities Exchange Act of 1934, as amended), other than a Subsidiary or a trustee or other fiduciary holding securities under an employee benefit plan of the Company or Subsidiary, is or becomes the “**Beneficial Owner**” (as defined in Rule 13d-3 under said Act), directly or indirectly, of securities of the Company representing 50% or more of the total voting power represented by the Company’s then outstanding capital stock or (ii) during any period of two consecutive years, individuals who at the beginning of such period constitute the Board and any new director whose election by the Board or nomination for election by the Company’s stockholders was approved by a vote of at least two-thirds (2/3) of the directors then still in office who either were directors at the beginning of the period or whose election or nomination for election was previously so approved, cease for any reason to constitute a majority thereof, or (iii) the stockholders of the Company approve a merger or consolidation of the Company with any other corporation, other than a merger or consolidation that would result in the outstanding capital stock of the Company outstanding immediately prior thereto continuing to represent (either by remaining outstanding or by being converted into capital stock of the surviving entity) at least 80% of the total voting power represented by the capital stock of the Company or such surviving entity outstanding immediately after such merger or consolidation, or the stockholders of the Company approve a plan of complete liquidation of the Company or an agreement for the sale or disposition by the Company (in one transaction or a series of transactions) of all or substantially all of the Company’s assets.

(c) Expenses. For purposes of this Agreement, “**Expenses**” means all direct and indirect costs of any type or nature whatsoever (including, without limitation, all attorneys’ fees and related disbursements, and other out-of-pocket costs), paid or incurred by Indemnitee in connection with either the investigation, defense or appeal of, or being a witness in, a Proceeding (as defined below), or establishing or enforcing a right to indemnification under this Agreement, Section 145 or otherwise; provided, however, that Expenses shall not include any judgments, fines, ERISA excise taxes or penalties or amounts paid in settlement of a Proceeding.

(d) Indemnifiable Event. For purposes of this Agreement, “**Indemnifiable Event**” means any event or occurrence related to Indemnitee’s service for the Company or any Subsidiary or Affiliate as an Indemnifiable Person (as defined below), or by reason of anything done or not done, or any act or omission, by Indemnitee in any such capacity.

(e) Indemnifiable Person. For the purposes of this Agreement, “**Indemnifiable Person**” means any person who is or was a director, officer, trustee, manager, member, partner, employee, attorney, consultant, member of an entity’s governing body (whether constituted as a board of directors, board of managers, general partner or otherwise) or other agent or fiduciary of the Company or a Subsidiary or Affiliate of the Company.

(f) Independent Counsel. For purposes of this Agreement, “**Independent Counsel**” means legal counsel that has not performed services for the Company or Indemnatee in the five years preceding the time in question and that would not, under applicable standards of professional conduct, have a conflict of interest in representing either the Company or Indemnatee.

(g) Independent Director. For purposes of this Agreement, “**Independent Director**” means a member of the Board who is not a party to the Proceeding for which a claim is made under this Agreement.

(h) Other Liabilities. For purposes of this Agreement, “**Other Liabilities**” means any and all liabilities of any type whatsoever (including, but not limited to, judgments, fines, penalties, ERISA (or other benefit plan related) excise taxes or penalties, and amounts paid in settlement and all interest, taxes, assessments and other charges paid or payable in connection with or in respect of any such judgments, fines, ERISA (or other benefit plan related) excise taxes or penalties, or amounts paid in settlement).

(i) Proceeding. For the purposes of this Agreement, “**Proceeding**” means any threatened, pending, or completed action, suit or other proceeding, whether civil, criminal, administrative, investigative, legislative or any other type whatsoever, preliminary, informal or formal, including any arbitration or other alternative dispute resolution and including any appeal of any of the foregoing.

(j) Subsidiary. For purposes of this Agreement, “**Subsidiary**” means any entity of which more than 50% of the outstanding voting securities is owned directly or indirectly by the Company.

2. Agreement to Serve. The Indemnatee agrees to serve and/or continue to serve as an Indemnifiable Person in the capacity or capacities in which Indemnatee currently serves the Company as an Indemnifiable Person, and any additional capacity in which Indemnatee may agree to serve, until such time as Indemnatee’s service in a particular capacity shall end according to the terms of an agreement, the Company’s Certificate of Incorporation or Bylaws, governing law, or otherwise. Nothing contained in this Agreement is intended to create any right to continued employment or other form of service for the Company or a Subsidiary or Affiliate of the Company by Indemnatee.

3. Mandatory Indemnification.

(a) Agreement to Indemnify. In the event Indemnatee is a person who was or is a party to or witness in or is threatened to be made a party to or witness in any Proceeding by reason of an Indemnifiable Event, the Company shall indemnify Indemnatee from and against any and all Expenses and Other Liabilities incurred by Indemnatee in connection with (including in preparation for) such Proceeding to the fullest extent not prohibited by the provisions of the Company’s Bylaws and the Delaware General Corporation Law (“**DGCL**”), as the same may be amended from time to time (but only to the extent that such amendment permits the Company to provide broader indemnification rights than the Bylaws or the DGCL permitted prior to the adoption of such amendment).

(b) Exception for Amounts Covered by Insurance and Other Sources. Notwithstanding the foregoing, the Company shall not be obligated to indemnify Indemnitee for Expenses or Other Liabilities of any type whatsoever (including, but not limited to judgments, fines, penalties, ERISA excise taxes or penalties and amounts paid in settlement) to the extent such have been paid directly to Indemnitee (or paid directly to a third party on Indemnitee's behalf) by any directors and officers, or other type, of insurance maintained by the Company or pursuant to other indemnity arrangements with third parties; provided, however, that payment made to Indemnitee pursuant to an insurance policy purchased and maintained by Indemnitee at his or her own expense of any amounts otherwise indemnifiable or obligated to be made pursuant to this Agreement shall not reduce the Company's obligations to Indemnitee pursuant to this Agreement.

4. Partial Indemnification. If Indemnitee is entitled under any provision of this Agreement to indemnification by the Company for some or a portion of any Expenses or Other Liabilities but not entitled, however, to indemnification for the total amount of such Expenses or Other Liabilities, the Company shall nevertheless indemnify Indemnitee for such total amount except as to the portion thereof for which indemnification is prohibited by the provisions of the Company's Bylaws or the DGCL. In any review or Proceeding to determine the extent of indemnification, the Company shall bear the burden to establish, by clear and convincing evidence, the lack of a successful resolution of a particular claim, issue or matter and which amounts sought in indemnity are allocable to claims, issues or matters which were not successfully resolved.

5. Liability Insurance. So long as Indemnitee shall continue to serve the Company or a Subsidiary or Affiliate of the Company as an Indemnifiable Person and thereafter so long as Indemnitee shall be subject to any possible claim or threatened, pending or completed Proceeding as a result of an Indemnifiable Event, the Company shall use reasonable efforts to maintain in full force and effect for the benefit of Indemnitee as an insured (i) liability insurance issued by one or more reputable insurers and having the policy amount and deductible deemed appropriate by the Board and providing in all respects coverage at least comparable to and in the same amount as that provided to the Chairman of the Board or the Chief Executive Officer of the Company and (ii) any replacement or substitute policies issued by one or more reputable insurers providing in all respects coverage at least comparable to and in the same amount as that being provided to the Chairman of the Board or the Chief Executive Officer of the Company. The purchase, establishment and maintenance of any such insurance or other arrangements shall not in any way limit or affect the rights and obligations of the Company or of Indemnitee under this Agreement except as expressly provided herein, and the execution and delivery of this Agreement by the Company and Indemnitee shall not in any way limit or affect the rights and obligations of the Company or the other party or parties thereto under any such insurance or other arrangement. In the event of a Change in Control subsequent to the date of this Agreement, or the Company's becoming insolvent, including being placed into receivership or entering the federal bankruptcy process, the Company shall maintain in force any and all insurance policies then maintained by the Company in providing insurance—directors' and officers' liability, fiduciary, employment practices or otherwise--in respect of the individual directors and officers of the Company, for a fixed period of six years thereafter. Such coverage shall be non-cancelable and shall be placed and serviced by the Company's incumbent insurance broker or a broker selected by a majority of the Independent Directors.

6. Mandatory Advancement of Expenses. If requested by Indemnitee, the Company shall advance prior to the final disposition of the Proceeding all Expenses reasonably incurred by Indemnitee in connection with (including in preparation for) a Proceeding related to an Indemnifiable Event within (30) days after the receipt by the Company of a statement or statements from Indemnitee requesting such advance or advances from time to time, whether prior to or after final disposition of such Proceeding. Such statement or statements shall reasonably evidence the Expenses incurred by Indemnitee. The right to advances under this section shall in all events continue until final disposition of any Proceeding, including any appeal therein. Indemnitee hereby undertakes to repay such amounts advanced if, and only if and to the extent that, it shall ultimately be determined that Indemnitee is not entitled to be indemnified by the Company under the provisions of this Agreement, the Company's Bylaws or the DGCL, and no additional form of undertaking with respect to such obligation to repay shall be required.

Indemnitee's undertaking to repay any Expenses advanced to Indemnitee hereunder shall be unsecured and shall not be subject to the accrual or payment of any interest thereon. In the event that Indemnitee's request for the advancement of expenses shall be accompanied by an affidavit of counsel to Indemnitee to the effect that such counsel has reviewed such Expenses and that such Expenses are reasonable in such counsel's view, then such expenses shall be deemed reasonable in the absence of clear and convincing evidence to the contrary.

7. Notice and Other Indemnification Procedures.

(a) Notification. Promptly after receipt by Indemnitee of notice of the commencement of or the threat of commencement of any Proceeding, unless the Company is a named co-defendant with Indemnitee, Indemnitee shall, if Indemnitee believes that indemnification or advancement of Expenses with respect thereto may be sought from the Company under this Agreement, notify the Company of the commencement or threat of commencement thereof. However, a failure so to notify the Company promptly following Indemnitee's receipt of such notice shall not relieve the Company from any liability that it may have to Indemnitee except to the extent that the Company is materially prejudiced in its defense of such Proceeding as a result of such failure.

(b) Insurance and Other Matters. If, at the time of the receipt of a notice of the commencement of a Proceeding pursuant to Section 7(a) above, the Company has director and officer liability insurance in effect, the Company shall give prompt notice of the commencement of such Proceeding to the issuers in accordance with the procedures set forth in the respective policies. The Company shall thereafter take all reasonable action to cause such insurers to pay, on behalf of Indemnitee, all amounts payable as a result of such Proceeding in accordance with the terms of such insurance policies. In addition, the Company will instruct the insurers and the Company's insurance broker that they may communicate directly with Indemnitee regarding such claim.

(c) Assumption of Defense. In the event the Company shall be obligated to advance the Expenses for any Proceeding against Indemnatee, the Company, if deemed appropriate by the Company, shall be entitled to assume the defense of such Proceeding as provided herein. Such defense by the Company may include the representation of two or more parties by one attorney or law firm as permitted under the ethical rules and legal requirements related to joint representations. Following delivery of written notice to Indemnatee of the Company's election to assume the defense of such Proceeding, the approval by Indemnatee (which approval shall not be unreasonably withheld) of counsel designated by the Company and the retention of such counsel by the Company, the Company will not be liable to Indemnatee under this Agreement for any fees and expenses of counsel subsequently incurred by Indemnatee with respect to the same Proceeding. If (A) the employment of counsel by Indemnatee has been previously authorized by the Company, (B) Indemnatee shall have notified the Board in writing that Indemnatee has reasonably concluded that there may be a conflict of interest between the Company and Indemnatee in the conduct of any such defense, (C) the Company fails to employ counsel to assume the defense of such Proceeding, or (D) after a Change in Control, the employment of counsel by Indemnatee has been approved by the Independent Counsel, the Expenses related to work conducted by Indemnatee's counsel shall be subject to indemnification and/or advancement pursuant to the terms of this Agreement.

Nothing herein shall prevent Indemnatee from employing counsel for any such Proceeding at Indemnatee's expense. Indemnatee agrees that any such separate counsel retained by Indemnatee will be a member of any approved list of panel counsel under the Company's applicable directors' and officers' insurance policy, should the applicable policy provide for a panel of approved counsel.

(d) Settlement. The Company shall not be liable to indemnify Indemnatee under this Agreement or otherwise for any amounts paid in settlement of any Proceeding effected without the Company's written consent; provided, however, that if a Change in Control has occurred subsequent to the date of this Agreement, the Company shall be liable for indemnification of Indemnatee for amounts paid in settlement if the Independent Counsel has approved the settlement. Neither the Company nor any Subsidiary or Affiliate shall enter into a settlement of any Proceeding that might result in the imposition of any Expense, Other Liability, penalty, limitation or detriment on Indemnatee, whether indemnifiable under this Agreement or otherwise, without Indemnatee's written consent. Neither the Company nor Indemnatee shall unreasonably withhold consent from any settlement of any Proceeding. The Company shall promptly notify Indemnatee upon the Company's receipt of an offer to settle, or if the Company makes an offer to settle, any Proceeding, and provide Indemnatee with a reasonable amount of time to consider such settlement, in the case of any such settlement for which the consent of Indemnatee would be required hereunder. The Company shall not, on its own behalf, settle any part of any Proceeding to which Indemnatee is a party with respect to other parties (including the Company) without the written consent of Indemnatee if any portion of the settlement is to be funded from insurance proceeds unless approved by a majority of the Independent Directors, provided that this sentence shall cease to be of any force and effect if it has been determined in accordance with this Agreement that Indemnatee is not entitled to indemnification hereunder with respect to such Proceeding or if the Company's obligations hereunder to Indemnatee with respect to such Proceeding have been fully discharged.

8. Determination of Right to Indemnification.

(a) Success on the Merits or Otherwise. To the extent that Indemnatee has been successful on the merits or otherwise in defense of any Proceeding referred to in Section 3(a) above or in the defense of any claim, issue or matter described therein, the Company shall indemnify Indemnatee against Expenses actually and reasonably incurred in connection therewith.

(b) Indemnification in Other Situations. In the event that Section 8(a) is inapplicable, the Company shall also indemnify Indemnatee if Indemnatee has not failed to meet the applicable standard of conduct for indemnification.

(c) Forum. Indemnatee shall be entitled to select the forum in which determination of whether or not Indemnatee has met the applicable standard of conduct shall be decided, and such election will be made from among the following:

- (1) Those members of the Board who are Independent Directors even though less than a quorum;
- (2) A committee of Independent Directors designated by a majority vote of Independent Directors, even though less than a quorum;
or
- (3) Independent Counsel selected by Indemnatee and approved by the Board, which approval may not be unreasonably withheld, which counsel shall make such determination in a written opinion.

If Indemnatee is an officer or a director of the Company at the time that Indemnatee is selecting the forum, then Indemnatee shall not select Independent Counsel as such forum unless there are no Independent Directors or unless the Independent Directors agree to the selection of Independent Counsel as the forum.

The selected forum shall be referred to herein as the “**Reviewing Party**”. Notwithstanding the foregoing, following any Change in Control subsequent to the date of this Agreement, the Reviewing Party shall be Independent Counsel selected in the manner provided in c. above.

(d) Decision Timing and Expenses. As soon as practicable, and in no event later than thirty (30) days after receipt by the Company of written notice of Indemnatee’s choice of forum pursuant to Section 8(c) above, the Company and Indemnatee shall each submit to the Reviewing Party such information as they believe is appropriate for the Reviewing Party to consider. The Reviewing Party shall arrive at its decision within a reasonable period of time following the receipt of all such information from the Company and Indemnatee, but in no event later than thirty (30) days following the receipt of all such information, provided that the time by which the Reviewing Party must reach a decision may be extended by mutual agreement of the Company and Indemnatee. All Expenses associated with the process set forth in this Section 8(d), including but not limited to the Expenses of the Reviewing Party, shall be paid by the Company.

(e) Delaware Court of Chancery. Notwithstanding a final determination by any Reviewing Party that Indemnatee is not entitled to indemnification with respect to a specific Proceeding, Indemnatee shall have the right to apply to the Court of Chancery, for the purpose of enforcing Indemnatee's right to indemnification pursuant to this Agreement.

(f) Expenses. The Company shall indemnify Indemnatee against all Expenses incurred by Indemnatee in connection with any hearing or Proceeding under this Section 8 involving Indemnatee and against all Expenses and Other Liabilities incurred by Indemnatee in connection with any other Proceeding between the Company and Indemnatee involving the interpretation or enforcement of the rights of Indemnatee under this Agreement unless a court of competent jurisdiction finds that each of the material claims of Indemnatee in any such Proceeding was frivolous or made in bad faith.

(g) Determination of "Good Faith". For purposes of any determination of whether Indemnatee acted in "*good faith*", Indemnatee shall be deemed to have acted in good faith if in taking or failing to take the action in question Indemnatee relied on the records or books of account of the Company or a Subsidiary or Affiliate, including financial statements, or on information, opinions, reports or statements provided to Indemnatee by the officers or other employees of the Company or a Subsidiary or Affiliate in the course of their duties, or on the advice of legal counsel for the Company or a Subsidiary or Affiliate, or on information or records given or reports made to the Company or a Subsidiary or Affiliate by an independent certified public accountant or by an appraiser or other expert selected by the Company or a Subsidiary or Affiliate, or by any other person (including legal counsel, accountants and financial advisors) as to matters Indemnatee reasonably believes are within such other person's professional or expert competence and who has been selected with reasonable care by or on behalf of the Company or a Subsidiary or Affiliate. In connection with any determination as to whether Indemnatee is entitled to be indemnified hereunder, or to advancement of expenses, the Reviewing Party or court shall presume that Indemnatee has satisfied the applicable standard of conduct and is entitled to indemnification or advancement of Expenses, as the case may be, and the burden of proof shall be on the Company to establish, by clear and convincing evidence, that Indemnatee is not so entitled. The provisions of this Section 8(g) shall not be deemed to be exclusive or to limit in any way the other circumstances in which Indemnatee may be deemed to have met the applicable standard of conduct set forth in this Agreement. In addition, the knowledge and/or actions, or failures to act, of any other person serving the Company or a Subsidiary or Affiliate as an Indemnifiable Person shall not be imputed to Indemnatee for purposes of determining the right to indemnification hereunder.

9. Exceptions. Any other provision herein to the contrary notwithstanding,

(a) Claims Initiated by Indemnitee. The Company shall not be obligated pursuant to the terms of this Agreement to indemnify or advance Expenses to Indemnitee with respect to Proceedings or claims initiated or brought voluntarily by Indemnitee and not by way of defense, except (1) with respect to Proceedings brought to establish or enforce a right to indemnification under this Agreement, any other statute or law, as permitted under Section 145, or otherwise, (2) where the Board has consented to the initiation of such Proceeding, or (3) with respect to Proceedings brought to discharge Indemnitee's fiduciary responsibilities, whether under ERISA or otherwise, but such indemnification or advancement of Expenses may be provided by the Company in specific cases if the Board finds it to be appropriate; or

(b) Actions Based on Federal Statutes Regarding Profit Recovery and Return of Bonus Payments. The Company shall not be obligated pursuant to the terms of this Agreement to indemnify Indemnitee on account of (i) any suit in which judgment is rendered against Indemnitee for an accounting of profits made from the purchase or sale by Indemnitee of securities of the Company pursuant to the provisions of Section 16(b) of the Securities Exchange Act of 1934 and amendments thereto or similar provisions of any federal, state or local statutory law, or (ii) any reimbursement of the Company by the Indemnitee of any bonus or other incentive-based or equity-based compensation or of any profits realized by the Indemnitee from the sale of securities of the Company, as required in each case under the Exchange Act (including any such reimbursements that arise from an accounting restatement of the Company pursuant to Section 304 of the Sarbanes-Oxley Act of 2002 (the "**Sarbanes-Oxley Act**"), or the payment to the Company of profits arising from the purchase and sale by Indemnitee of securities in violation of Section 306 of the Sarbanes-Oxley Act); or

(c) Unlawful Indemnification. The Company shall not be obligated pursuant to the terms of this Agreement to indemnify Indemnitee for Other Liabilities if such indemnification is prohibited by law as determined by a court of competent jurisdiction in a final adjudication not subject to further appeal.

10. Non-exclusivity. The provisions for indemnification and advancement of Expenses set forth in this Agreement shall not be deemed exclusive of any other rights which Indemnitee may have under any provision of law, the Company's Certificate of Incorporation or Bylaws, the vote of the Company's stockholders or disinterested directors, other agreements, or otherwise, both as to acts or omissions in his or her official capacity and to acts or omissions in another capacity while serving the Company or a Subsidiary or Affiliate as an Indemnifiable Person and Indemnitee's rights hereunder shall continue after Indemnitee has ceased serving the Company or a Subsidiary or Affiliate as an Indemnifiable Person and shall inure to the benefit of the heirs, executors and administrators of Indemnitee.

11. Severability. If any provision or provisions of this Agreement shall be held to be invalid, illegal or unenforceable for any reason whatsoever, (i) the validity, legality and enforceability of the remaining provisions of the Agreement (including, without limitation, all portions of any paragraphs of this Agreement containing any such provision held to be invalid, illegal or unenforceable, that are not themselves invalid, illegal or unenforceable) shall not in any way be affected or impaired thereby, and (ii) to the fullest extent possible, the provisions of this Agreement (including, without limitation, all portions of any paragraphs of this Agreement containing any such provision held to be invalid, illegal or unenforceable, that are not themselves invalid, illegal or unenforceable) shall be construed so as to give effect to the intent manifested by the provision held invalid, illegal or unenforceable.

12. Supersession, Modification and Waiver. This Agreement supersedes any prior indemnification agreement between the Indemnatee and the Company, its Subsidiaries or its Affiliates. If the Company and Indemnatee have previously entered into an indemnification agreement providing for the indemnification of Indemnatee by the Company, parties' entry into this Agreement shall be deemed to amend and restate such prior agreement to read in its entirety as, and be superseded by, this Agreement. No supplement, modification or amendment of this Agreement shall be binding unless executed in writing by both of the parties hereto. No waiver of any of the provisions of this Agreement shall be deemed or shall constitute a waiver of any other provision hereof (whether or not similar) and except as expressly provided herein, no such waiver shall constitute a continuing waiver.

13. Successors and Assigns. The terms of this Agreement shall bind, and shall inure to the benefit of, and be enforceable by the parties hereto and their respective successors (including any direct or indirect successor by purchase, merger, consolidation or otherwise to all or substantially all of the business and/or assets of the Company), assigns, spouses, heirs and personal and legal representatives. In addition, the Company shall require and cause any successor (whether direct or indirect by purchase, merger, consolidation or otherwise) to all, substantially all, or a substantial part, of the business and/or assets of the Company, by written agreement in form and substance satisfactory to Indemnatee, expressly to assume and agree to perform this Agreement and indemnify Indemnatee to the fullest extent permitted by law.

14. Notice. All notices, requests, demands and other communications under this Agreement shall be in writing and shall be deemed duly given (i) if delivered by hand and a receipt is provided by the party to whom such communication is delivered, (ii) if mailed by certified or registered mail with postage prepaid, return receipt requested, on the signing by the recipient of an acknowledgement of receipt form accompanying delivery through the U.S. mail, (iii) personal service by a process server, or (iv) delivery to the recipient's address by overnight delivery (e.g., FedEx, UPS or DHL) or other commercial delivery service. Addresses for notice to either party are as shown on the signature page of this Agreement, or as subsequently modified by written notice complying with the provisions of this Section 14. Delivery of communications to the Company with respect to this Agreement shall be sent to the attention of the Company's Vice President of Finance.

15. No Presumptions. For purposes of this Agreement, the termination of any Proceeding, by judgment, order, settlement (whether with or without court approval) or conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that Indemnatee did not meet any particular standard of conduct or have any particular belief or that a court has determined that indemnification is not permitted by applicable law or otherwise. In addition, neither the failure of the Company or a Reviewing Party to have made a determination as to whether Indemnatee has met any particular standard of conduct or had any particular belief, nor an actual determination by the Company, or a Reviewing Party that Indemnatee has not met such standard of conduct or did not have such belief, prior to the commencement of Proceedings by Indemnatee to secure a judicial determination by exercising Indemnatee's rights under Section 8(e) of this Agreement shall be a defense to Indemnatee's claim or create a presumption that Indemnatee has failed to meet any particular standard of conduct or did not have any particular belief or is not entitled to indemnification under applicable law or otherwise.

16. Survival of Rights. The rights conferred on Indemnatee by this Agreement shall continue after Indemnatee has ceased to serve the Company or a Subsidiary or Affiliate of the Company as an Indemnifiable Person and shall inure to the benefit of Indemnatee's heirs, executors and administrators.

17. Subrogation and Contribution.

(a) In the event of payment under this Agreement, the Company shall be subrogated to the extent of such payment to all of the rights of recovery of Indemnatee, who shall execute all documents required and shall do all acts that may be necessary to secure such rights and to enable the Company effectively to bring suit to enforce such rights.

(b) To the fullest extent permissible under applicable law, if the indemnification provided for in this Agreement is unavailable to Indemnatee for any reason whatsoever, the Company, in lieu of indemnifying Indemnatee, shall contribute to the amount incurred by or on behalf of Indemnatee, whether for judgments, fines, penalties, excise taxes, amounts paid or to be paid in settlement and/or for Expenses, in connection with any claim relating to an indemnifiable event under this Agreement, in such proportion as is deemed fair and reasonable in light of all of the circumstances of such Proceeding in order to reflect (i) the relative benefits received by the Company and Indemnatee as a result of the event(s) and/or transaction(s) giving cause to such Proceeding; and/or (ii) the relative fault of the Company (and its directors, officers, employees and agents) and Indemnatee in connection with such event(s) and/or transaction(s).

18. Specific Performance, Etc. The parties recognize that if any provision of this Agreement is violated by the Company, Indemnatee may be without an adequate remedy at law. Accordingly, in the event of any such violation, Indemnatee shall be entitled, if Indemnatee so elects, to institute Proceedings, either in law or at equity, to obtain damages, to enforce specific performance, to enjoin such violation, or to obtain any relief or any combination of the foregoing as Indemnatee may elect to pursue.

19. Counterparts. This Agreement may be executed in counterparts, each of which shall for all purposes be deemed to be an original but all of which together shall constitute one and the same agreement. Only one such counterpart signed by the party against whom enforceability is sought needs to be produced to evidence the existence of this Agreement.

20. Headings. The headings of the sections and paragraphs of this Agreement are inserted for convenience only and shall not be deemed to constitute part of this Agreement or to affect the construction or interpretation thereof.

21. Governing Law. This Agreement shall be governed exclusively by and construed according to the laws of the State of Delaware, as applied to contracts between Delaware residents entered into and to be performed entirely with Delaware.

22. Consent to Jurisdiction. The Company and Indemnitee each hereby irrevocably consent to the jurisdiction of the courts of the State of Delaware for all purposes in connection with any Proceeding which arises out of or relates to this Agreement.

[Signature Page Follows]

The parties hereto have entered into this Indemnity Agreement effective as of the date first above written.

COMPANY:

AEGLEA BIOTHERAPEUTICS, INC.

By: _____
Name: _____
Title: _____

INDEMNITEE:

Name: _____
Signature: _____
Address: _____

[SIGNATURE PAGE TO AEGLEA BIOTHERAPEUTICS, INC. INDEMNITY AGREEMENT]

AEGLEA BIOTHERAPEUTICS, INC.

2015 EQUITY INCENTIVE PLAN

As Adopted on March 10, 2015

1. PURPOSE. The purpose of this Plan is to provide incentives to attract, retain and motivate eligible persons whose present and potential contributions are important to the success of the Company, its Parent and Subsidiaries by offering eligible persons an opportunity to participate in the Company's future performance through the grant of Awards covering Shares. Capitalized terms not defined in the text are defined in Section 14 hereof. Although this Plan is intended to be a written compensatory benefit plan within the meaning of Rule 701, grants may be made pursuant to this Plan that do not qualify for exemption under Rule 701 or Section 25102(o). Any requirement of this Plan that is required in law only because of Section 25102(o) need not apply if the Committee so provides.

2. SHARES SUBJECT TO THE PLAN.

2.1 Number of Shares Available. Subject to Sections 2.2 and 11 hereof, the total number of Shares reserved and available for grant and issuance pursuant to this Plan will be 12,901,499 Shares. Subject to Sections 2.2 and 11 hereof, Shares subject to Awards that are cancelled, forfeited, settled in cash, used to pay withholding obligations or pay the exercise price of an Option or that expire by their terms at any time will again be available for grant and issuance in connection with other Awards. In the event that Shares previously issued under the Plan are reacquired by the Company pursuant to a forfeiture provision, right of first refusal, or repurchase by the Company, such Shares shall be added to the number of Shares then available for issuance under the Plan. At all times the Company will reserve and keep available a sufficient number of Shares as will be required to satisfy the requirements of all Awards granted and outstanding under this Plan. In no event shall the total number of Shares issued (counting each reissuance of a Share that was previously issued and then forfeited or repurchased by the Company as a separate issuance) under the Plan upon exercise of ISOs exceed 25,802,998 Shares (adjusted in proportion to any adjustments under Section 2.2 hereof) over the term of the Plan (the "**ISO Limit**"). Subject to Sections 2.2 and 11 hereof, in the event that the number of Shares reserved for issuance under the Plan is increased, the ISO Limit shall be automatically increased by such number of Shares such that the ISO Limit equals (a) two (2) multiplied by (b) the number of Shares reserved for issuance under the Plan.

2.2 Adjustment of Shares. In the event that the number of outstanding shares of the Company's Common Stock is changed by a stock dividend, recapitalization, stock split, reverse stock split, subdivision, combination, reclassification or other change in the capital structure of the Company affecting Shares without consideration, then in order to prevent diminution or enlargement of the benefits or potential benefits intended to be made available under the Plan (a) the number of Shares reserved for issuance under this Plan, (b) the Exercise Prices of and number of Shares subject to outstanding Options and SARs, and (c) the Purchase Prices of and/or number of Shares subject to other outstanding Awards will (to the extent appropriate) be proportionately adjusted, subject to any required action by the Board or the stockholders of the Company and compliance with applicable securities laws; *provided, however*, that fractions of a Share will not be issued but will either be paid in cash at the Fair Market Value of such fraction of a Share or will be rounded down to the nearest whole Share, as determined by the Committee.

3. PLAN FOR BENEFIT OF SERVICE PROVIDERS.

3.1 Eligibility. The Committee will have the authority to select persons to receive Awards. ISOs (as defined in Section 4 hereof) may be granted only to employees (including officers and directors who are also employees) of the Company or of a Parent or Subsidiary of the Company. NQSOs (as defined in Section 4 hereof) and all other types of Awards may be granted to employees, officers, directors and consultants of the Company or any Parent or Subsidiary of the Company; *provided* such consultants render bona fide services not in connection with the offer and sale of securities in a capital-raising transaction when Rule 701 is to apply to the Award granted for such services. A person may be granted more than one Award under this Plan.

3.2 No Obligation to Employ. Nothing in this Plan or any Award granted under this Plan will confer or be deemed to confer on any Participant any right to continue in the employ of, or to continue any other relationship with, the Company or any Parent or Subsidiary or limit in any way the right of the Company or any Parent or Subsidiary to terminate Participant's employment or other relationship at any time, with or without Cause.

4. OPTIONS. The Committee may grant Options to eligible persons described in Section 3 hereof and will determine whether such Options will be Incentive Stock Options within the meaning of the Code ("**ISOs**") or Nonqualified Stock Options ("**NQSOs**"), the number of Shares subject to the Option, the Exercise Price of the Option, the period during which the Option may be exercised, and all other terms and conditions of the Option, subject to the following.

4.1 Form of Option Grant. Each Option granted under this Plan will be evidenced by an Award Agreement which will expressly identify the Option as an ISO or an NQSO ("**Stock Option Agreement**"), and will be in such form and contain such provisions (which need not be the same for each Participant) as the Committee may from time to time approve, and which will comply with and be subject to the terms and conditions of this Plan.

4.2 Date of Grant. The date of grant of an Option will be the date on which the Committee makes the determination to grant such Option, unless a later date is otherwise specified by the Committee. The Stock Option Agreement and a copy of this Plan will be delivered to the Participant within a reasonable time after the granting of the Option.

4.3 Exercise Period. Options may be exercisable within the time or upon the events determined by the Committee in the Award Agreement and may be awarded as immediately exercisable but subject to repurchase pursuant to Section 10 hereof or may be exercisable within the times or upon the events determined by the Committee as set forth in the Stock Option Agreement governing such Option; *provided, however*, that (a) no Option will be exercisable after the expiration of ten (10) years from the date the Option is granted; and (b) no ISO granted to a person who directly or by attribution owns more than ten percent (10%) of the total combined voting power of all classes of stock of the Company or of any Parent or Subsidiary ("**Ten Percent Stockholder**") will be exercisable after the expiration of five (5) years from the date the ISO is granted. The Committee also may provide for Options to become exercisable at one time or from time to time, periodically or otherwise, in such number of Shares or percentage of Shares as the Committee determines.

4.4 Exercise Price. The Exercise Price of an Option will be determined by the Committee when the Option is granted and shall not be less than the Fair Market Value per Share unless expressly determined in writing by the Committee on the Option's date of grant; *provided* that the Exercise Price of an ISO granted to a Ten Percent Stockholder will not be less than one hundred ten percent (110%) of the Fair Market Value of the Shares on the date of grant. Payment for the Shares purchased must be made in accordance with Section 8 hereof.

4.5 Method of Exercise. Options may be exercised only by delivery to the Company of a written stock option exercise agreement (the "**Exercise Agreement**") in a form approved by the Committee (which need not be the same for each Participant). The Exercise Agreement will state (a) the number of Shares being purchased, (b) the restrictions imposed on the Shares purchased under such Exercise Agreement, if any, and (c) such representations and agreements regarding Participant's investment intent and access to information and other matters, if any, as may be required or desirable by the Company to comply with applicable securities laws. Each Participant's Exercise Agreement may be modified by (i) agreement of Participant and the Company or (ii) substitution by the Company, upon becoming a public company, in order to add the payment terms set forth in Section 8.1 that apply to a public company and such other terms as shall be necessary or advisable in order to exercise a public company option. Upon exercise of an Option, Participant shall execute and deliver to the Company the Exercise Agreement then in effect, together with payment in full of the Exercise Price for the number of Shares being purchased and payment of any applicable taxes. No adjustment will be made for a dividend or other right for which the record date is prior to the date the Shares are issued, except as provided in Section 2.2 of the Plan. Exercising an Option in any manner will decrease the number of Shares thereafter available, both for purposes of the Plan and for sale under the Option, by the number of Shares as to which the Option is exercised.

4.6 Termination. Subject to earlier termination pursuant to Sections 11 and 13.3 hereof and notwithstanding the exercise periods set forth in the Stock Option Agreement, exercise of an Option will always be subject to the following terms and conditions.

4.6.1 Other than Death or Disability or for Cause. If the Participant is Terminated for any reason other than death, Disability or for Cause, then the Participant may exercise such Participant's Options only to the extent that such Options are exercisable as to Vested Shares upon the Termination Date or as otherwise determined by the Committee. Such Options must be exercised by the Participant, if at all, as to all or some of the Vested Shares calculated as of the Termination Date or such other date determined by the Committee, within three (3) months after the Termination Date (or within such shorter time period, not less than thirty (30) days, or within such longer time period after the Termination Date as may be determined by the Committee, with any exercise beyond three (3) months after the date Participant ceases to be an employee deemed to be an NQSO) but in any event, no later than the expiration date of the Options.

4.6.2 Death or Disability. If the Participant is Terminated because of Participant's death or Disability (or the Participant dies within three (3) months after a Termination other than for Cause), then Participant's Options may be exercised only to the extent that such Options are exercisable as to Vested Shares by Participant on the Termination Date or as otherwise determined by the Committee. Such options must be exercised by Participant (or Participant's legal representative or authorized assignee), if at all, as to all or some of the Vested Shares calculated as of the Termination Date or such other date determined by the Committee, within twelve (12) months after the Termination Date (or within such shorter time period, not less than six (6) months, or within such longer time period, after the Termination Date as may be determined by the Committee, with any exercise beyond (a) three (3) months after the date Participant ceases to be an employee when the Termination is for any reason other than the Participant's death or disability, within the meaning of Section 22(e)(3) of the Code, or (b) twelve (12) months after the date Participant ceases to be an employee when the Termination is for Participant's disability, within the meaning of Section 22(e)(3) of the Code, deemed to be an NQSO) but in any event no later than the expiration date of the Options.

4.6.3 For Cause. If the Participant is terminated for Cause, the Participant may exercise such Participant's Options, but not to an extent greater than such Options are exercisable as to Vested Shares upon the Termination Date and Participant's Options shall expire on such Participant's Termination Date, or at such later time and on such conditions as are determined by the Committee.

4.7 Limitations on Exercise. The Committee may specify a reasonable minimum number of Shares that may be purchased on any exercise of an Option, provided that such minimum number will not prevent Participant from exercising the Option for the full number of Shares for which it is then exercisable.

4.8 Limitations on ISOs. The aggregate Fair Market Value (determined as of the date of grant) of Shares with respect to which ISOs are exercisable for the first time by a Participant during any calendar year (under this Plan or under any other incentive stock option plan of the Company or any Parent or Subsidiary of the Company) will not exceed One Hundred Thousand Dollars (\$100,000). If the Fair Market Value of Shares on the date of grant with respect to which ISOs are exercisable for the first time by a Participant during any calendar year exceeds One Hundred Thousand Dollars (\$100,000), then the Options for the first One Hundred Thousand Dollars (\$100,000) worth of Shares to become exercisable in such calendar year will be ISOs and the Options for the amount in excess of One Hundred Thousand Dollars (\$100,000) that become exercisable in that calendar year will be NQSOs. In the event that the Code or the regulations promulgated thereunder are amended after the Effective Date (as defined in Section 13.1 hereof) to provide for a different limit on the Fair Market Value of Shares permitted to be subject to ISOs, then such different limit will be automatically incorporated herein and will apply to any Options granted after the effective date of such amendment.

4.9 Modification, Extension or Renewal. The Committee may modify, extend or renew outstanding Options and authorize the grant of new Options in substitution therefor, provided that any such action may not, without the written consent of a Participant, impair any of such Participant's rights under any Option previously granted. Any outstanding ISO that is modified, extended, renewed or otherwise altered will be treated in accordance with Section 424(h) of the Code. Subject to Section 4.10 hereof, the Committee may reduce the Exercise Price of outstanding Options without the consent of Participants by a written notice to them; provided, however, that the Exercise Price may not be reduced below the minimum Exercise Price that would be permitted under Section 4.4 hereof for Options granted on the date the action is taken to reduce the Exercise Price.

4.10 No Disqualification. Notwithstanding any other provision in this Plan, no term of this Plan relating to ISOs will be interpreted, amended or altered, nor will any discretion or authority granted under this Plan be exercised, so as to disqualify this Plan under Section 422 of the Code or, without the consent of the Participant, to disqualify any Participant's ISO under Section 422 of the Code.

5. RESTRICTED STOCK. A Restricted Stock Award is an offer by the Company to sell to an eligible person Shares that are subject to certain specified restrictions. The Committee will determine to whom an offer will be made, the number of Shares the person may purchase, the Purchase Price, the restrictions to which the Shares will be subject, and all other terms and conditions of the Restricted Stock Award, subject to the following terms and conditions.

5.1 Form of Restricted Stock Award. All purchases under a Restricted Stock Award made pursuant to this Plan will be evidenced by an Award Agreement (“**Restricted Stock Purchase Agreement**”) that will be in such form (which need not be the same for each Participant) as the Committee will from time to time approve, and will comply with and be subject to the terms and conditions of this Plan. The Restricted Stock Award will be accepted by the Participant’s execution and delivery of the Restricted Stock Purchase Agreement and full payment for the Shares to the Company within thirty (30) days from the date the Restricted Stock Purchase Agreement is delivered to the person. If such person does not execute and deliver the Restricted Stock Purchase Agreement along with full payment for the Shares to the Company within such thirty (30) days, then the offer will terminate, unless otherwise determined by the Committee.

5.2 Purchase Price. The Purchase Price of Shares sold pursuant to a Restricted Stock Award will be determined by the Committee on the date the Restricted Stock Award is granted or at the time the purchase is consummated. Payment of the Purchase Price must be made in accordance with Section 8 hereof.

5.3 Dividends and Other Distributions. Participants holding Restricted Stock will be entitled to receive all dividends and other distributions paid with respect to such Shares, unless the Committee provides otherwise at the time of award. If any such dividends or distributions are paid in Shares, the Shares will be subject to the same restrictions on transferability and forfeitability as the Shares of Restricted Stock with respect to which they were paid.

5.4 Restrictions. Restricted Stock Awards may be subject to the restrictions set forth in Sections 9 and 10 hereof or, with respect to a Restricted Stock Award to which Section 25102(o) is to apply, such other restrictions not inconsistent with Section 25102(o).

6. RESTRICTED STOCK UNITS.

6.1 Awards of Restricted Stock Units. A Restricted Stock Unit (“**RSU**”) is an Award covering a number of Shares that may be settled in cash, or by issuance of those Shares at a date in the future. No Purchase Price shall apply to an RSU settled in Shares. All grants of Restricted Stock Units will be evidenced by an Award Agreement that will be in such form (which need not be the same for each Participant) as the Committee will from time to time approve, and will comply with and be subject to the terms and conditions of this Plan.

6.2 Form and Timing of Settlement. To the extent permissible under applicable law, the Committee may permit a Participant to defer payment under a RSU to a date or dates after the RSU is earned, *provided* that the terms of the RSU and any deferral satisfy the requirements of Section 409A of the Code (or any successor) and any regulations or rulings promulgated thereunder. Payment may be made in the form of cash or whole Shares or a combination thereof, all as the Committee determines.

7. STOCK APPRECIATION RIGHTS.

7.1 Awards of SARs. Stock Appreciation Rights (“**SARs**”) may be settled in cash, or Shares (which may consist of Restricted Stock or RSUs), having a value equal to the value determined by multiplying the difference between the Fair Market Value on the date of exercise over the Exercise Price and the number of Shares with respect to which the SAR is being settled. All grants of SARs made pursuant to this Plan will be evidenced by an Award Agreement that will be in such form (which need not be the same for each Participant) as the Committee will from time to time approve, and will comply with and be subject to the terms and conditions of this Plan.

7.2 Exercise Period and Expiration Date. A SAR will be exercisable within the times or upon the occurrence of events determined by the Committee and set forth in the Award Agreement governing such SAR. The Award Agreement shall set forth the Expiration Date; provided that no SAR will be exercisable after the expiration of ten years from the date the SAR is granted.

7.3 Exercise Price. The Committee will determine the Exercise Price of the SAR when the SAR is granted, and which may not be less than the Fair Market Value on the date of grant and may be settled in cash or in Shares.

7.4 Termination. Subject to earlier termination pursuant to Sections 11 and 13.1 hereof and notwithstanding the exercise periods set forth in the Award Agreement, exercise of SARs will always be subject to the following terms and conditions.

7.4.1 Other than Death or Disability or for Cause. If the Participant is Terminated for any reason other than death, Disability or for Cause, then the Participant may exercise such Participant's SARs only to the extent that such SARs are exercisable as to Vested Shares upon the Termination Date or as otherwise determined by the Committee. SARs must be exercised by the Participant, if at all, as to all or some of the Vested Shares calculated as of the Termination Date or such other date determined by the Committee, within three (3) months after the Termination Date (or within such shorter time period, not less than thirty (30) days, or within such longer time period after the Termination Date as may be determined by the Committee) but in any event, no later than the expiration date of the SARs.

7.4.2 Death or Disability. If the Participant is Terminated because of Participant's death or Disability (or the Participant dies within three (3) months after a Termination other than for Cause), then Participant's SARs may be exercised only to the extent that such SARs are exercisable as to Vested Shares by Participant on the Termination Date or as otherwise determined by the Committee. Such SARs must be exercised by Participant (or Participant's legal representative or authorized assignee), if at all, as to all or some of the Vested Shares calculated as of the Termination Date or such other date determined by the Committee, within twelve (12) months after the Termination Date (or within such shorter time period, not less than six (6) months, or within such longer time period after the Termination Date as may be determined by the Committee) but in any event no later than the expiration date of the SARs.

7.4.3 For Cause. If the Participant is terminated for Cause, the Participant may exercise such Participant's SARs, but not to an extent greater than such SARs are exercisable as to Vested Shares upon the Termination Date and Participant's SARs shall expire on such Participant's Termination Date, or at such later time and on such conditions as are determined by the Committee.

8. PAYMENT FOR PURCHASES AND EXERCISES.

8.1 Payment in General. Payment for Shares acquired pursuant to this Plan may be made in cash (by check) or, where expressly approved for the Participant by the Committee and where permitted by law:

(a) by cancellation of indebtedness of the Company owed to the Participant;

(b) by surrender of shares of the Company that are clear of all liens, claims, encumbrances or security interests and: (i) for which the Company has received "full payment of the purchase price" within the meaning of SEC Rule 144 (and, if such shares were purchased from the Company by use of a promissory note, such note has been fully paid with respect to such shares) or (ii) that were obtained by Participant in the public market;

(c) by tender of a full recourse promissory note having such terms as may be approved by the Committee and bearing interest at a rate sufficient to avoid imputation of income under Sections 483 and 1274 of the Code; provided, however, that Participants who are not employees or directors of the Company will not be entitled to purchase Shares with a promissory note unless the note is adequately secured by collateral other than the Shares; provided, further, that the portion of the Exercise Price or Purchase Price, as the case may be, equal to the par value (if any) of the Shares must be paid in cash or other legal consideration permitted by the laws under which the Company is then incorporated or organized;

(d) by waiver of compensation due or accrued to the Participant from the Company for services rendered;

(e) by participating in a formal cashless exercise program implemented by the Committee in connection with the Plan;

(f) subject to compliance with applicable law, provided that a public market for the Company's Common Stock exists, by exercising through a "same day sale" commitment from the Participant and a broker-dealer whereby the Participant irrevocably elects to exercise the Award and to sell a portion of the Shares so purchased sufficient to pay the total Exercise Price or Purchase Price, and whereby the broker-dealer irrevocably commits upon receipt of such Shares to forward the total Exercise Price or Purchase Price directly to the Company; or

(g) by any combination of the foregoing or any other method of payment approved by the Committee.

8.2 Withholding Taxes.

8.2.1 Withholding Generally. Whenever Shares are to be issued in satisfaction of Awards granted under this Plan, the Company may require the Participant to remit to the Company an amount sufficient to satisfy applicable tax withholding requirements prior to the delivery of any certificate or certificates for such Shares. Whenever, under this Plan, payments in satisfaction of Awards are to be made in cash by the Company, such payment will be net of an amount sufficient to satisfy applicable tax withholding requirements.

8.2.2 Stock Withholding. When, under applicable tax laws, a Participant incurs tax liability in connection with the exercise or vesting of any Award that is subject to tax withholding and the Participant is obligated to pay the Company the amount required to be withheld, the Committee may in its sole discretion allow the Participant to satisfy the minimum tax withholding obligation by electing to have the Company withhold from the Shares to be issued up to the minimum number of Shares having a Fair Market Value on the date that the amount of tax to be withheld is to be determined that is not more than the minimum amount to be withheld; or to arrange a mandatory "sell to cover" on Participant's behalf (without further authorization) but in no event will the Company withhold Shares or "sell to cover" if such withholding would result in adverse accounting consequences to the Company. Any elections to have Shares withheld or sold for this purpose will be made in accordance with the requirements established by the Committee for such elections and be in writing in a form acceptable to the Committee.

9. RESTRICTIONS ON AWARDS.

9.1 Transferability. Except as permitted by the Committee, Awards granted under this Plan, and any interest therein, will not be transferable or assignable by Participant, other than by will or by the laws of descent and distribution, and, with respect to NQSOs, by instrument to an inter vivos or testamentary trust in which the NQSOs are to be passed to beneficiaries upon the death of the trustor (settlor), or by gift to "family member" as that term is defined in Rule 701, and may not be made subject to execution, attachment or similar process.

For the avoidance of doubt, the prohibition against assignment and transfer applies to a stock option and, prior to exercise, the shares to be issued on exercise of a stock option, and pursuant to the foregoing sentence shall be understood to include, without limitation, a prohibition against any pledge, hypothecation, or other transfer, including any short position, any "put equivalent position" or any "call equivalent position" (in each case, as defined in Rule 16a-1 promulgated under the Exchange Act). During the lifetime of the Participant an Award will be exercisable only by the Participant or Participant's legal representative and any elections with respect to an Award may be made only by the Participant or Participant's legal representative. The terms of an Option shall be binding upon the executor, administrator, successors and assigns of the Participant who is a party thereto.

9.2 Securities Law and Other Regulatory Compliance. Although this Plan is intended to be a written compensatory benefit plan within the meaning of Rule 701 promulgated under the Securities Act, grants may be made pursuant to this Plan that do not qualify for exemption under Rule 701 or Section 25102(o). Any requirement

of this Plan which is required in law only because of Section 25102(o) need not apply with respect to a particular Award to which Section 25102(o) will not apply. An Award will not be effective unless such Award is in compliance with all applicable federal and state securities laws, rules and regulations of any governmental body, and the requirements of any stock exchange or automated quotation system upon which the Shares may then be listed or quoted, as they are in effect on the date of grant of the Award and also on the date of exercise or other issuance. Notwithstanding any other provision in this Plan, the Company will have no obligation to issue or deliver certificates for Shares under this Plan prior to (a) obtaining any approvals from governmental agencies that the Company determines are necessary or advisable, and/or (b) compliance with any exemption, completion of any registration or other qualification of such Shares under any state or federal law or ruling of any governmental body that the Company determines to be necessary or advisable. The Company will be under no obligation to register the Shares with the SEC or to effect compliance with the exemption, registration, qualification or listing requirements of any state securities laws, stock exchange or automated quotation system, and the Company will have no liability for any inability or failure so do.

9.3 Exchange and Buyout of Awards. The Committee may, at any time or from time to time, authorize the Company, with the consent of the respective Participants, to issue new Awards in exchange for the surrender and cancellation of any or all outstanding Awards. Without prior stockholder approval the Committee may reprice Options or SARs (and where such repricing is a reduction in the Exercise Price of outstanding Options or SARs, the consent of the affected Participants is not required provided written notice is provided to them). The Committee may at any time buy from a Participant an Award previously granted with payment in cash, Shares (including Restricted Stock) or other consideration, based on such terms and conditions as the Committee and the Participant may agree.

10. RESTRICTIONS ON SHARES.

10.1 Privileges of Stock Ownership. No Participant will have any of the rights of a stockholder with respect to any Shares until such Shares are issued to the Participant. After Shares are issued to the Participant, the Participant will be a stockholder and have all the rights of a stockholder with respect to such Shares, including the right to vote and receive all dividends or other distributions made or paid with respect to such Shares; provided, that if such Shares are Restricted Stock, then any new, additional or different securities the Participant may become entitled to receive with respect to such Shares by virtue of a stock dividend, stock split or any other change in the corporate or capital structure of the Company will be subject to the same restrictions as the Restricted Stock. The Participant will have no right to retain such stock dividends or stock distributions with respect to Unvested Shares that are repurchased as described in this Section 10.

10.2 Rights of First Refusal and Repurchase. At the discretion of the Committee, the Company may reserve to itself and/or its assignee(s) in the Award Agreement (a) a right of first refusal to purchase all Shares that a Participant (or a subsequent transferee) may propose to transfer to a third party, provided that such right of first refusal terminates upon the Company's initial public offering of Common Stock pursuant to an effective registration statement filed under the Securities Act and (b) a right to repurchase Unvested Shares held by a Participant for cash and/or cancellation of purchase money indebtedness owed to the Company by the Participant following such Participant's Termination at any time.

10.3 Escrow; Pledge of Shares. To enforce any restrictions on a Participant's Shares, the Committee may require the Participant to deposit all certificates representing Shares, together with stock powers or other instruments of transfer approved by the Committee, appropriately endorsed in blank, with the Company or an agent designated by the Company to hold in escrow until such restrictions have lapsed or terminated. The Committee may cause a legend or legends referencing such restrictions to be placed on the certificate. Any Participant who is permitted to execute a promissory note as partial or full consideration for the purchase of Shares under this Plan will be required to pledge and deposit with the Company all or part of the Shares so purchased as collateral to secure the payment of Participant's obligation to the Company under the promissory note; provided, however, that the Committee may require or accept other or additional forms of collateral to secure the payment of such obligation and, in any event, the Company will have full recourse against the Participant under the promissory note notwithstanding any pledge of the Participant's Shares or other collateral. In connection with any pledge of the Shares, Participant will be required to execute and deliver a written pledge agreement in such form as the Committee will from time to time approve. The Shares purchased with the promissory note may be released from the pledge on a pro rata basis as the promissory note is paid.

10.4 Securities Law Restrictions. All certificates for Shares or other securities delivered under this Plan will be subject to such stock transfer orders, legends and other restrictions as the Committee may deem necessary or advisable, including restrictions under any applicable federal, state or foreign securities law, or any rules, regulations and other requirements of the SEC or any stock exchange or automated quotation system upon which the Shares may be listed or quoted.

11. CORPORATE TRANSACTIONS.

11.1 Acquisitions or Other Combinations. In the event that the Company is subject to an Acquisition or Other Combination, outstanding Awards acquired under the Plan shall be subject to the agreement evidencing the Acquisition or Other Combination, which need not treat all outstanding Awards in an identical manner. Such agreement, without the Participant's consent, shall provide for one or more of the following with respect to all outstanding Awards as of the effective date of such Acquisition or Other Combination:

(a) The continuation of such outstanding Awards by the Company (if the Company is the successor entity).

(b) The assumption of outstanding Awards by the successor or acquiring entity (if any) in such Acquisition or Other Combination (or by any of its Parents, if any), which assumption, will be binding on all Participants; provided that the exercise price and the number and nature of shares issuable upon exercise of any such option or stock appreciation right, or any award that is subject to Section 409A of the Code, will be adjusted appropriately pursuant to Section 424(a) and Section 409A of the Code. For the purposes of this Section 11, an Award will be considered assumed if, following the Acquisition or Other Combination, the Award confers the right to purchase or receive, for each Share subject to the Award immediately prior to the Acquisition or Other Combination, the consideration (whether stock, cash, or other securities or property) received in the Acquisition or Other Combination by holders of Shares for each Share held on the effective date of the transaction (and if holders were offered a choice of consideration, the type of consideration chosen by the holders of a majority of the outstanding Shares); provided, however, that if such consideration received in the Acquisition or Other Combination is not solely common stock of the successor corporation or its Parent, the Committee may, with the consent of the successor corporation, provide for the consideration to be received upon the exercise of an Option or Stock Appreciation Right or upon the payout of a Restricted Stock Unit, for each Share subject to such Award, to be solely common stock of the successor corporation or its Parent equal in fair market value to the per share consideration received by holders of Common Stock in the Acquisition or Other Combination.

(c) The substitution by the successor or acquiring entity in such Acquisition or Other Combination (or by any of its Parents, if any) of equivalent awards with substantially the same terms for such outstanding Awards (except that the exercise price and the number and nature of shares issuable upon exercise of any such option or stock appreciation right, or any award that is subject to Section 409A of the Code, will be adjusted appropriately pursuant to Section 424(a) of the Code).

(d) The full or partial exercisability or vesting and accelerated expiration of outstanding Awards.

(e) The settlement of the full value of such outstanding Award (whether or not then vested or exercisable) in cash, cash equivalents, or securities of the successor entity (or its Parent, if any) with a Fair Market Value equal to the required amount, followed by the cancellation of such Awards; provided however, that such Award may be cancelled without consideration if such Award has no value, as determined by the Committee, in its discretion. Subject to Section 409A of the Code, such payment may be made in installments and may be deferred until the date or dates when the Award would have become exercisable or vested. Such payment may be subject to vesting based on the Participant's continued service, provided that without the Participant's consent, the vesting schedule shall not be less favorable to the Participant than the schedule under which the Award would have become vested or exercisable. For purposes of this Section 11.1(e), the Fair Market Value of any security shall be determined without regard to any vesting conditions that may apply to such security.

(f) The cancellation of outstanding Awards in exchange for no consideration.

Immediately following an Acquisition or Other Combination, outstanding Awards shall terminate and cease to be outstanding, except to the extent such Awards, have been continued, assumed or substituted, as described in Sections 11.1(a), (b) and/or (c).

11.2 Assumption of Awards by the Company. The Company, from time to time, also may substitute or assume outstanding awards granted by another entity, whether in connection with an acquisition of such other entity or otherwise, by either (a) granting an Award under this Plan in substitution of such other entity's award or (b) assuming and/or converting such award as if it had been granted under this Plan if the terms of such assumed award could be applied to an Award granted under this Plan. Such substitution or assumption will be permissible if the holder of the substituted or assumed award would have been eligible to be granted an Award under this Plan if the other entity had applied the rules of this Plan to such grant. In the event the Company assumes an award granted by another entity, the terms and conditions of such award will remain unchanged (except that the exercise price and the number and nature of shares issuable upon exercise of any such option or stock appreciation right, or any award that is subject to Section 409A of the Code, will be adjusted appropriately pursuant to Section 424(a) of the Code). In the event the Company elects to grant a new Option or SAR rather than assuming an existing option or stock appreciation right, such new Option or SAR may be granted with a similarly adjusted Exercise Price.

12. ADMINISTRATION.

12.1 Committee Authority. This Plan will be administered by the Committee or the Board if no Committee is created by the Board. Subject to the general purposes, terms and conditions of this Plan, and to the direction of the Board, the Committee will have full power to implement and carry out this Plan. Without limitation, the Committee will have the authority to:

- (a) construe and interpret this Plan, any Award Agreement and any other agreement or document executed pursuant to this Plan;
- (b) prescribe, amend, expand, modify and rescind or terminate rules and regulations relating to this Plan;
- (c) approve persons to receive Awards;
- (d) determine the form and terms of Awards;
- (e) determine the number of Shares or other consideration subject to Awards granted under this Plan;
- (f) determine the Fair Market Value in good faith and interpret the applicable provisions of this Plan and the definition of Fair Market Value in connection with circumstances that impact the Fair Market Value, if necessary;
- (g) determine whether Awards will be granted singly, in combination with, in tandem with, in replacement of, or as alternatives to, other Awards under this Plan or awards under any other incentive or compensation plan of the Company or any Parent or Subsidiary of the Company;
- (h) grant waivers of any conditions of this Plan or any Award;
- (i) determine the terms of vesting, exercisability and payment of Awards to be granted pursuant to this Plan;
- (j) correct any defect, supply any omission, or reconcile any inconsistency in this Plan, any Award, any Award Agreement, any Exercise Agreement or any Restricted Stock Purchase Agreement;
- (k) determine whether an Award has been earned;
- (l) extend the vesting period beyond a Participant's Termination Date;

(m) adopt rules and/or procedures (including the adoption of any subplan under this Plan) relating to the operation and administration of the Plan to accommodate requirements of local law and procedures outside of the United States;

(n) delegate any of the foregoing to a subcommittee consisting of one or more executive officers pursuant to a specific delegation as may otherwise be permitted by applicable law;

(o) change the vesting schedule of Awards under the Plan prospectively in the event that the Participant's service status changes between full and part time status in accordance with Company policies relating to work schedules and vesting of awards; and

(p) make all other determinations necessary or advisable in connection with the administration of this Plan.

12.2 Committee Composition and Discretion. The Board may delegate full administrative authority over the Plan and Awards to a Committee consisting of at least one member of the Board (or such greater number as may then be required by applicable law). Unless in contravention of any express terms of this Plan or Award, any determination made by the Committee with respect to any Award will be made in its sole discretion either (a) at the time of grant of the Award, or (b) subject to Section 4.9 hereof, at any later time. Any such determination will be final and binding on the Company and on all persons having an interest in any Award under this Plan. To the extent permitted by applicable law, the Committee may delegate to one or more officers of the Company the authority to grant an Award under this Plan, provided that each such officer is a member of the Board.

12.3 Nonexclusivity of the Plan. Neither the adoption of this Plan by the Board, the submission of this Plan to the stockholders of the Company for approval, nor any provision of this Plan will be construed as creating any limitations on the power of the Board to adopt such additional compensation arrangements as it may deem desirable, including, without limitation, the granting of stock options and other equity awards otherwise than under this Plan, and such arrangements may be either generally applicable or applicable only in specific cases.

12.4 Governing Law. This Plan and all agreements hereunder shall be governed by and construed in accordance with the laws of the State of Texas, without giving effect to that body of laws pertaining to conflict of laws.

13. EFFECTIVENESS, AMENDMENT AND TERMINATION OF THE PLAN.

13.1 Adoption and Stockholder Approval. This Plan will become effective on the date that it is adopted by the Board (the "**Effective Date**"). This Plan will be approved by the stockholders of the Company (excluding Shares issued pursuant to this Plan), consistent with applicable laws, within twelve (12) months before or after the Effective Date. Upon the Effective Date, the Board may grant Awards pursuant to this Plan; provided, however, that: (a) no Option or SAR may be exercised prior to initial stockholder approval of this Plan; (b) no Option or SAR granted pursuant to an increase in the number of Shares approved by the Board shall be exercised prior to the time such increase has been approved by the stockholders of the Company; (c) in the event that initial stockholder approval is not obtained within the time period provided herein, all Awards for which only the exemption from California's securities qualification requirements provided by Section 25102(o) can apply shall be canceled, any Shares issued pursuant to any such Award shall be canceled and any purchase of such Shares issued hereunder shall be rescinded; and (d) Awards (to which only the exemption from California's securities qualification requirements provided by Section 25102(o) can apply) granted pursuant to an increase in the number of Shares approved by the Board which increase is not approved by stockholders within the time then required under Section 25102(o) shall be canceled, any Shares issued pursuant to any such Awards shall be canceled, and any purchase of Shares subject to any such Award shall be rescinded.

13.2 Term of Plan. Unless earlier terminated as provided herein, this Plan will automatically terminate ten (10) years after the later of (i) the Effective Date, or (ii) the most recent increase in the number of Shares reserved under Section 2 that was approved by stockholders.

13.3 Amendment or Termination of Plan. Subject to Section 4.9 hereof, the Board may at any time (a) terminate or amend this Plan in any respect, including without limitation amendment of any form of Award Agreement or instrument to be executed pursuant to this Plan and (b) terminate any and all outstanding Options or SARs upon a dissolution or liquidation of the Company, followed by the payment of creditors and the distribution of any remaining funds to the Company's stockholders; *provided, however*, that the Board will not, without the approval of the stockholders of the Company, amend this Plan in any manner that requires such stockholder approval pursuant to Section 25102(o) or pursuant to the Code or the regulations promulgated under the Code as such provisions apply to ISO plans. The termination of the Plan, or any amendment thereof, shall not affect any Share previously issued or any Award previously granted under the Plan.

14. DEFINITIONS. For all purposes of this Plan, the following terms will have the following meanings.

"Acquisition," for purposes of Section 11, means:

(a) any consolidation or merger in which the Company is a constituent entity or is a party in which the voting stock and other voting securities of the Company that are outstanding immediately prior to the consummation of such consolidation or merger represent, or are converted into, securities of the surviving entity of such consolidation or merger (or of any Parent of such surviving entity) that, immediately after the consummation of such consolidation or merger, together possess less than fifty percent (50%) of the total voting power of all voting securities of such surviving entity (or of any of its Parents, if any) that are outstanding immediately after the consummation of such consolidation or merger;

(b) a sale or other transfer by the holders thereof of outstanding voting stock and/or other voting securities of the Company possessing more than fifty percent (50%) of the total voting power of all outstanding voting securities of the Company, whether in one transaction or in a series of related transactions, pursuant to an agreement or agreements to which the Company is a party and that has been approved by the Board, and pursuant to which such outstanding voting securities are sold or transferred to a single person or entity, to one or more persons or entities who are Affiliates of each other, or to one or more persons or entities acting in concert; or

(c) the sale, lease, transfer or other disposition, in a single transaction or series of related transactions, by the Company and/or any Subsidiary or Subsidiaries of the Company, of all or substantially all the assets of the Company and its Subsidiaries taken as a whole, (or, if substantially all of the assets of the Company and its Subsidiaries taken as a whole are held by one or more Subsidiaries, the sale or disposition (whether by consolidation, merger, conversion or otherwise) of such Subsidiaries of the Company), except where such sale, lease, transfer or other disposition is made to the Company or one or more wholly owned Subsidiaries of the Company (an **"Acquisition by Sale of Assets"**).

"Affiliate" of a specified person means a person that directly, or indirectly through one or more intermediaries, controls or is controlled by, or is under common control with, the person specified (where, for purposes of this definition, the term **"control"** (including the terms **controlling, controlled by** and **under common control with**) means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a person, whether through the ownership of voting securities, by contract, or otherwise.

"Award" means any award pursuant to the terms and conditions of this Plan, including any Option, Restricted Stock Unit, Stock Appreciation Right or Restricted Stock Award.

"Award Agreement" means, with respect to each Award, the signed written or electronic agreement between the Company and the Participant setting forth the terms and conditions of the Award as approved by the Committee. For purposes of the Plan, the Award Agreement may be executed via written or electronic means.

"Board" means the Board of Directors of the Company.

"Cause" means Termination because of (a) Participant's unauthorized misuse of the Company or a Parent or Subsidiary of the Company's trade secrets or proprietary information, (b) Participant's conviction of or plea of nolo contendere to a felony or a crime involving moral turpitude, (c) Participant's committing an act of fraud against the Company or a Parent or Subsidiary of the Company or (d) Participant's gross negligence or willful misconduct in the performance of his or her duties that has had or will have a material adverse effect on the Company or Parent or Subsidiary of the Company's reputation or business.

“**Code**” means the Internal Revenue Code of 1986, as amended.

“**Committee**” means the committee created and appointed by the Board to administer this Plan, or if no committee is created and appointed, the Board.

“**Company**” means Aeglea BioTherapeutics, Inc., or any successor corporation.

“**Disability**” means that the Participant is unable to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment that can be expected to result in death or can be expected to last for a continuous period of not less than 12 months.

“**Exchange Act**” means the Securities Exchange Act of 1934, as amended.

“**Exercise Price**” means the price per Share at which a holder of an Option may purchase Shares issuable upon exercise of the Option.

“**Fair Market Value**” means, as of any date, the value of a share of the Company’s Common Stock determined as follows:

(a) if such Common Stock is then publicly traded on a national securities exchange, its closing price on the date of determination on the principal national securities exchange on which the Common Stock is listed or admitted to trading as reported in The Wall Street Journal;

(b) if such Common Stock is publicly traded but is not listed or admitted to trading on a national securities exchange, the average of the closing bid and asked prices on the date of determination as reported by The Wall Street Journal (or, if not so reported, as otherwise reported by any newspaper or other source as the Committee may determine); or

(c) if none of the foregoing is applicable to the valuation in question, by the Committee in good faith.

“**Option**” means an award of an option to purchase Shares pursuant to Section 4 of this Plan.

“**Other Combination**” for purposes of Section 11 means any (a) consolidation or merger in which the Company is a constituent entity and is not the surviving entity of such consolidation or merger or (b) any conversion of the Company into another form of entity; provided that such consolidation, merger or conversion does not constitute an Acquisition.

“**Parent**” of a specified entity means, any entity that, either directly or indirectly, owns or controls such specified entity, where for this purpose, “**control**” means the ownership of stock, securities or other interests that possess at least a majority of the voting power of such specified entity (including indirect ownership or control of such stock, securities or other interests).

“**Participant**” means a person who receives an Award under this Plan.

“**Plan**” means this 2015 Equity Incentive Plan, as amended from time to time.

“**Purchase Price**” means the price at which a Participant may purchase Restricted Stock pursuant to this Plan.

“**Restricted Stock**” means Shares purchased pursuant to a Restricted Stock Award under this Plan.

“**Restricted Stock Award**” means an award of Shares pursuant to Section 5 hereof.

“**Restricted Stock Unit**” or “**RSU**” means an award made pursuant to Section 6 hereof.

“**Rule 701**” means Rule 701 *et seq.* promulgated by the Commission under the Securities Act.

“**SEC**” means the Securities and Exchange Commission.

“**Section 25102(o)**” means Section 25102(o) of the California Corporations Code.

“**Securities Act**” means the Securities Act of 1933, as amended.

“**Shares**” means shares of the Company’s Common Stock reserved for issuance under this Plan, as adjusted pursuant to Sections 2.2 and 11 hereof, and any successor security.

“**Stock Appreciation Right**” or “**SAR**” means an award granted pursuant to Section 7 hereof.

“**Subsidiary**” means any entity (other than the Company) in an unbroken chain of entities beginning with the Company if each of the entities other than the last entity in the unbroken chain owns stock or other equity securities representing fifty percent (50%) or more of the total combined voting power of all classes of stock or other equity securities in one of the other entities in such chain.

“**Termination**” or “**Terminated**” means, for purposes of this Plan with respect to a Participant, that the Participant has for any reason ceased to provide services as an employee, officer, director or consultant to the Company or a Parent or Subsidiary of the Company. A Participant will not be deemed to have ceased to provide services while the Participant is on a bona fide leave of absence, if such leave was approved by the Company in writing. In the case of an approved leave of absence, the Committee may make such provisions respecting crediting of service, including suspension of vesting of the Award (including pursuant to a formal policy adopted from time to time by the Company) it may deem appropriate, except that in no event may an Option be exercised after the expiration of the term set forth in the Stock Option Agreement. The Committee will have sole discretion to determine whether a Participant has ceased to provide services and the effective date on which the Participant ceased to provide services (the “**Termination Date**”).

“**Unvested Shares**” means “**Unvested Shares**” as defined in the Award Agreement for an Award.

“**Vested Shares**” means “**Vested Shares**” as defined in the Award Agreement.

NOTICE OF STOCK OPTION GRANT**AEGLEA BIOTHERAPEUTICS, INC.****2015 EQUITY INCENTIVE PLAN**

The Optionee named below (“**Optionee**”) has been granted an option (this “**Option**”) to purchase shares of Common Stock, \$0.001 par value per share (the “**Common Stock**”), of Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), pursuant to the Company’s 2015 Equity Incentive Plan, as amended from time to time (the “**Plan**”) on the terms, and subject to the conditions, described below and in the Stock Option Agreement attached hereto as **Exhibit A**, including its annexes (the “**Stock Option Agreement**”).

Optionee:**Maximum Number of Shares Subject to this Option (the “Shares”):****Exercise Price Per Share:** \$ per share**Date of Grant:****Vesting Start Date:****Exercise Schedule:** This Option will become exercisable during its term with respect to portions of the Shares in accordance with the Vesting Schedule set forth below.**Expiration Date:** The date ten (10) years after the Date of Grant set forth above, subject to earlier expiration in the event of Termination as provided in Section 3 of the Stock Option Agreement.

Tax Status of Option: ☐ Incentive Stock Option (*To the fullest extent permitted by the Code*)
 (Check Only One Box): ☐ Nonqualified Stock Option.
(If neither box is checked, this Option is a Nonqualified Stock Option).

Vesting Schedule [EXAMPLE ONLY]: For so long as Optionee continuously provides services to the Company (or any Subsidiary or Parent of the Company) as an employee, officer, director, contractor or consultant, this Option will vest (that is, become exercisable) with respect to the Shares as follows: (a) prior to the first one (1) year anniversary of the Vesting Start Date this Option will not be vested or exercisable as to any of the Shares; (b) this Option will become vested and exercisable with respect to [1/4th] of the Shares on the one (1) year anniversary of the Vesting Start Date; and (c) thereafter, this Option will become vested and exercisable with respect to an additional [1/48th] of the Shares when Optionee completes each month of continuous service following the first one (1) year anniversary of the Vesting Start Date.

General; Agreement: By their signatures below, Optionee and the Company agree that this Option is granted under and governed by this Notice of Stock Option Grant (this “**Grant Notice**”) and by the provisions of the Plan and the Stock Option Agreement. The Plan and the Stock Option Agreement are incorporated herein by reference. Capitalized terms used but not defined herein shall have the meanings given to them in the Plan or in the Stock Option Agreement, as applicable. By signing below, Optionee acknowledges receipt of a copy of this Grant Notice, the Plan and the Stock Option Agreement, represents that Optionee has carefully read and is familiar with their provisions, and hereby accepts the Option subject to all of their respective terms and conditions. Optionee acknowledges that there may be adverse tax consequences upon exercise of the Option or disposition of the Shares and that Optionee should consult a tax adviser prior to such exercise or disposition.

Execution and Delivery: This Grant Notice may be executed and delivered electronically whether via the Company’s intranet or the Internet site of a third party or via email or any other means of electronic delivery specified by the Company. By Optionee’s acceptance hereof (whether written, electronic or otherwise), Optionee agrees, to the fullest extent permitted by law, that in lieu of receiving documents in paper format, Optionee accepts the electronic delivery of any documents that the Company (or any third party the Company may designate), may deliver in connection with this grant (including the Plan, this Grant Notice, the Stock Option Agreement, the information described in Rules 701(e)(2), (3), (4) and (5) under the Securities Act (the “**701 Disclosures**”), account statements, or other communications or information) whether via the Company’s intranet or the Internet site of such third party or via email or such other means of electronic delivery specified by the Company.

Aeglea BioTherapeutics, Inc.

By/Signature: _____
Typed Name: _____
Title: _____

Optionee Signature: _____
Optionee’s Name: _____

ATTACHMENT: Exhibit A - Stock Option Agreement

Exhibit A

Stock Option Agreement

STOCK OPTION AGREEMENT

AEGLEA BIOThERAPEUTICS, INC.

2015 EQUITY INCENTIVE PLAN

This Stock Option Agreement (this “**Agreement**”) is made and entered into as of the date of grant (the “**Date of Grant**”) set forth on the Notice of Stock Option Grant attached as the facing page to this Agreement (the “**Grant Notice**”) by and between Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), and the optionee named on the Grant Notice (“**Optionee**”). Capitalized terms not defined in this Agreement shall have the meaning ascribed to them in the Company’s 2015 Equity Incentive Plan, as amended from time to time (the “**Plan**”), or in the Grant Notice, as applicable.

1. GRANT OF OPTION. The Company hereby grants to Optionee an option (this “**Option**”) to purchase up to the total number of shares of Common Stock of the Company, \$0.001 par value per share (the “**Common Stock**”), set forth in the Grant Notice as the Shares (the “**Shares**”) at the Exercise Price Per Share set forth in the Grant Notice (the “**Exercise Price**”), subject to all of the terms and conditions of the Grant Notice, this Agreement and the Plan. If designated as an Incentive Stock Option in the Grant Notice, this Option is intended to qualify as an incentive stock option (the “**ISO**”) within the meaning of Section 422 of the Internal Revenue Code of 1986, as amended (the “**Code**”), except that if on the Date of Grant Optionee is not subject to U.S. income tax, then this Option shall be a NQSO.

2. EXERCISE PERIOD.

2.1 Exercise Period of Option. This Option is considered to be “vested” with respect to any particular Shares when this Option is exercisable with respect to such Shares. This Option will become vested during its term as to portions of the Shares in accordance with the Vesting Schedule set forth in the Grant Notice. Notwithstanding any provision in the Plan or this Agreement to the contrary, on or after Optionee’s Termination Date, this Option may not be exercised with respect to any Shares that are Unvested Shares on Optionee’s Termination Date.

2.2 Vesting of Option Shares. Shares with respect to which this Option is vested and exercisable at a given time pursuant to the Vesting Schedule set forth in the Grant Notice are “**Vested Shares**.” Shares with respect to which this Option is not vested and exercisable at a given time pursuant to the Vesting Schedule set forth in the Grant Notice are “**Unvested Shares**.”

2.3 Expiration. The Option shall expire on the Expiration Date set forth in the Grant Notice or earlier as provided in Section 3 below.

3. TERMINATION.

3.1 Termination for Any Reason Except Death, Disability or Cause. Except as provided in subsection 3.2 in a case in which Optionee dies within three (3) months after Optionee is Terminated other than for Cause, if Optionee is Terminated for any reason (other than Optionee’s death or Disability or for Cause), then (a) on and after Optionee’s Termination Date, this Option shall expire immediately with respect to any Shares that are Unvested Shares and may not be exercised with respect to any Shares that are Unvested Shares on Optionee’s Termination Date and (b) this Option to the extent (and only to the extent) that it is exercisable with respect to Vested Shares on Optionee’s Termination Date, may be exercised by Optionee no later than three (3) months after Optionee’s Termination Date (but in no event may this Option be exercised after the Expiration Date).

3.2 Termination Because of Death or Disability. If Optionee is Terminated because of Optionee’s death or Disability (or if Optionee dies within three (3) months of the date of Optionee’s Termination for any reason other than for Cause), then (a) on and after Optionee’s Termination Date, this Option shall expire immediately with respect to any Shares that are Unvested Shares and may not be exercised with respect to any Shares that are Unvested Shares on Optionee’s Termination Date and (b) this Option, to the extent (and only to the extent) that it is exercisable with respect to Vested Shares on Optionee’s Termination Date, may be exercised by Optionee (or

Optionee's legal representative) no later than twelve (12) months after Optionee's Termination Date, but in no event later than the Expiration Date. Any exercise of this Option beyond (i) three (3) months after the date Optionee ceases to be an employee when Optionee's Termination is for any reason other than Optionee's death or disability, within the meaning of Section 22(e)(3) of the Code; or (ii) twelve (12) months after the date Optionee ceases to be an employee when the termination is for Optionee's disability, within the meaning of Section 22(e)(3) of the Code, is deemed to be an NQSO.

3.3 Termination for Cause. If Optionee is Terminated for Cause, then Optionee may exercise this Option, but only with respect to any Shares that are Vested Shares on Optionee's Termination Date, and this Option shall expire on Optionee's Termination Date, or at such later time and on such conditions as may be affirmatively determined by the Committee. On and after Optionee's Termination Date, this Option shall expire immediately with respect to any Shares that are Unvested Shares and may not be exercised with respect to any Shares that are Unvested Shares on Optionee's Termination Date.

3.4 No Obligation to Employ. Nothing in the Plan or this Agreement shall confer on Optionee any right to continue in the employ of, or other relationship with, the Company or any Parent or Subsidiary of the Company, or limit in any way the right of the Company or any Parent or Subsidiary of the Company to terminate Optionee's employment or other relationship at any time, with or without Cause.

4. MANNER OF EXERCISE.

4.1 Stock Option Exercise Notice and Agreement. To exercise this Option, Optionee (or in the case of exercise after Optionee's death or incapacity, Optionee's executor, administrator, heir or legatee, as the case may be) must deliver to the Company an executed Stock Option Exercise Notice and Agreement in the form attached hereto as **Annex A**, or in such other form as may be approved by the Committee from time to time (the "**Exercise Agreement**") and payment for the shares being purchased in accordance with this Agreement. The Exercise Agreement shall set forth, among other things, (i) Optionee's election to exercise this Option, (ii) the number of Shares being purchased, (iii) any representations, warranties and agreements regarding Optionee's investment intent and access to information as may be required by the Company to comply with applicable securities laws in connection with any exercise of this Option and (iv) any other agreements required by the Company. If someone other than Optionee exercises this Option, then such person must submit documentation reasonably acceptable to the Company verifying that such person has the legal right to exercise this Option and such person shall be subject to all of the restrictions contained herein as if such person were Optionee.

4.2 Limitations on Exercise. This Option may not be exercised unless such exercise is in compliance with all applicable federal and state securities laws, as they are in effect on the date of exercise.

4.3 Payment. The Exercise Agreement shall be accompanied by full payment of the Exercise Price for the shares being purchased in cash (by check or wire transfer), or where permitted by law:

(a) by cancellation of indebtedness of the Company owed to Optionee;

(b) by surrender of shares of the Company that are free and clear of all security interests, pledges, liens, claims or encumbrances and: (i) for which the Company has received "full payment of the purchase price" within the meaning of SEC Rule 144 (and, if such shares were purchased from the Company by use of a promissory note, such note has been fully paid with respect to such shares) or (ii) that were obtained by Optionee in the public market;

(c) by participating in a formal cashless exercise program implemented by the Committee in connection with the Plan;

(d) provided that a public market for the Common Stock exists and subject to compliance with applicable law, by exercising as set forth below, through a "same day sale" commitment from Optionee and a broker-dealer whereby Optionee irrevocably elects to exercise this Option and to sell a portion of the Shares so purchased sufficient to pay the total Exercise Price, and whereby the broker-dealer irrevocably commits upon receipt of such Shares to forward the total Exercise Price directly to the Company; or

(e) by any combination of the foregoing or any other method of payment approved by the Committee that constitutes legal consideration for the issuance of Shares.

4.4 Tax Withholding. Prior to the issuance of the Shares upon exercise of the Option, Optionee must pay or provide for any applicable federal, state and local withholding obligations of the Company. If the Committee permits, Optionee may provide for payment of withholding taxes upon exercise of the Option by requesting that the Company retain the minimum number of Shares with a Fair Market Value equal to the minimum amount of taxes required to be withheld; or to arrange a mandatory “sell to cover” on Participant’s behalf (without further authorization); but in no event will the Company withhold Shares or “sell to cover” if such withholding would result in adverse accounting consequences to the Company. In case of stock withholding or a sell to cover, the Company shall issue the net number of Shares to Optionee by deducting the Shares retained from the Shares issuable upon exercise.

4.5 Issuance of Shares. Provided that the Exercise Agreement and payment are in form and substance satisfactory to counsel for the Company, the Company shall issue the Shares issuable upon a valid exercise of this Option registered in the name of Optionee, Optionee’s authorized assignee, or Optionee’s legal representative, and shall deliver certificates representing the Shares with the appropriate legends affixed thereto.

5. COMPLIANCE WITH LAWS AND REGULATIONS. The Plan and this Agreement are intended to comply with Section 25102(o) and Rule 701. Any provision of this Agreement that is inconsistent with Section 25102(o) or Rule 701 shall, without further act or amendment by the Company or the Committee, be reformed to comply with the requirements of Section 25102(o) and/or Rule 701. The exercise of this Option and the issuance and transfer of Shares shall be subject to compliance by the Company and Optionee with all applicable requirements of federal and state securities laws and with all applicable requirements of any stock exchange on which the Common Stock may be listed at the time of such issuance or transfer. Optionee understands that the Company is under no obligation to register or qualify the Shares with the SEC, any state securities commission or any stock exchange to effect such compliance.

6. NONTRANSFERABILITY OF OPTION. This Option may not be transferred in any manner other than by will or by the laws of descent and distribution, and, with respect to NQSOs, by instrument to a testamentary trust in which the options are to be passed to beneficiaries upon the death of the trustor (settlor) or a revocable trust, or by gift to “immediate family” as that term is defined in 17 C.F.R. 240.16a-1(e), and may be exercised during the lifetime of Optionee only by Optionee or in the event of Optionee’s incapacity, by Optionee’s legal representative. The terms of this Option shall be binding upon the executors, administrators, successors and assigns of Optionee.

7. RESTRICTIONS ON TRANSFER.

7.1 Disposition of Shares. Optionee hereby agrees that Optionee shall make no disposition of any of the Shares (other than as permitted by this Agreement) unless and until:

(a) Optionee shall have notified the Company of the proposed disposition and provided a written summary of the terms and conditions of the proposed disposition;

(b) Optionee shall have complied with all requirements of this Agreement applicable to the disposition of the Shares;

(c) Optionee shall have provided the Company with written assurances, in form and substance satisfactory to counsel for the Company, that (i) the proposed disposition does not require registration of the Shares under the Securities Act or under any applicable state securities laws or (ii) all appropriate actions necessary for compliance with the registration requirements of the Securities Act or of any exemption from registration available under the Securities Act (including Rule 144) or applicable state securities laws have been taken; and

(d) Optionee shall have provided the Company with written assurances, in form and substance satisfactory to the Company, that the proposed disposition will not result in the contravention of any transfer restrictions applicable to the Shares pursuant to the provisions of the regulations promulgated under Section 25102(o), Rule 701 or under any other applicable securities laws or adversely affect the Company’s ability to rely on the exemption(s) from registration under the Securities Act or under any other applicable securities laws for the grant of the Option, the issuance of Shares thereunder or any other issuance of securities under the Plan.

7.2 Restriction on Transfer. Optionee shall not transfer, assign, grant a lien or security interest in, pledge, hypothecate, encumber or otherwise dispose of any of the Shares which are subject to the Company's Right of First Refusal described below, except as permitted by this Agreement.

7.3 Transferee Obligations. Each person (other than the Company) to whom the Shares are transferred by means of one of the permitted transfers specified in this Agreement must, as a condition precedent to the validity of such transfer, acknowledge in writing to the Company that such person is bound by the provisions of this Agreement and that the transferred Shares are subject to (i) the Company's Right of First Refusal granted hereunder and (ii) the market stand-off provisions of Section 8 below, to the same extent such Shares would be so subject if retained by Optionee.

8. MARKET STANDOFF AGREEMENT. Optionee agrees that, subject to any early release provisions that apply pro rata to stockholders of the Company according to their holdings of Common Stock (determined on an as-converted into Common Stock basis), Optionee will not, for a period of up to one hundred eighty (180) days (plus up to an additional thirty five (35) days to the extent reasonably requested by the Company or such underwriter(s) to accommodate regulatory restrictions on the publication or other distribution of research reports or earnings releases by the Company, including NASD and NYSE rules) following the effective date of the registration statement filed with the SEC relating to the initial underwritten sale of Common Stock of the Company to the public under the Securities Act (the "**IPO**"), directly or indirectly sell, offer to sell, grant any option for the sale of, or otherwise dispose of any Common Stock or securities convertible into Common Stock, except for: (i) transfers of Shares permitted under Section 9.6 hereof so long as such transferee furnishes to the Company and the managing underwriter their written consent to be bound by this Section 8 as a condition precedent to such transfer; and (ii) sales of any securities to be included in the registration statement for the IPO. For the avoidance of doubt, the provisions of this Section shall only apply to the IPO. The restricted period shall in any event terminate two (2) years after the closing date of the IPO. In order to enforce the foregoing covenant, the Company shall have the right to place restrictive legends on the certificates representing the Shares subject to this Section and to impose stop transfer instructions with respect to the Shares until the end of such period. Optionee further agrees to enter into any agreement reasonably required by the underwriters to implement the foregoing restrictions on transfer. For the avoidance of doubt, the foregoing provisions of this Section shall not apply to any registration of securities of the Company (a) under an employee benefit plan or (b) in a merger, consolidation, business combination or similar transaction.

9. COMPANY'S RIGHT OF FIRST REFUSAL. Before any Shares held by Optionee or any transferee of such Shares (either sometimes referred to herein as the "**Holder**") may be sold or otherwise transferred (including, without limitation, a transfer by gift or operation of law), the Company and/or its assignee(s) will have a right of first refusal to purchase the Shares to be sold or transferred (the "**Offered Shares**") on the terms and conditions set forth in this Section (the "**Right of First Refusal**").

9.1 Notice of Proposed Transfer. The Holder of the Offered Shares will deliver to the Company a written notice (the "**Notice**") stating: (i) the Holder's bona fide intention to sell or otherwise transfer the Offered Shares; (ii) the name and address of each proposed purchaser or other transferee (the "**Proposed Transferee**"); (iii) the number of Offered Shares to be transferred to each Proposed Transferee; (iv) the bona fide cash price or other consideration for which the Holder proposes to transfer the Offered Shares (the "**Offered Price**"); and (v) that the Holder acknowledges this Notice is an offer to sell the Offered Shares to the Company and/or its assignee(s) pursuant to the Company's Right of First Refusal at the Offered Price as provided for in this Agreement.

9.2 Exercise of Right of First Refusal. At any time within thirty (30) days after the date of the Notice, the Company and/or its assignee(s) may, by giving written notice to the Holder, elect to purchase all (or, with the consent of the Holder, less than all) the Offered Shares proposed to be transferred to any one or more of the Proposed Transferees named in the Notice, at the purchase price, determined as specified below.

9.3 Purchase Price. The purchase price for the Offered Shares purchased under this Section will be the Offered Price, provided that if the Offered Price consists of no legal consideration (as, for example, in the case of a transfer by gift) then the purchase price will be the fair market value of the Offered Shares as determined in good faith by the Committee. If the Offered Price includes consideration other than cash, then the value of the non-cash consideration, as determined in good faith by the Committee, will conclusively be deemed to be the cash equivalent value of such non-cash consideration.

9.4 Payment. Payment of the purchase price for the Offered Shares will be payable, at the option of the Company and/or its assignee(s) (as applicable), by check or by cancellation of all or a portion of any outstanding purchase money indebtedness owed by the Holder to the Company (or to such assignee, in the case of a purchase of Offered Shares by such assignee) or by any combination thereof. The purchase price will be paid without interest within sixty (60) days after the Company's receipt of the Notice, or, at the option of the Company and/or its assignee(s), in the manner and at the time(s) set forth in the Notice.

9.5 Holder's Right to Transfer. If all of the Offered Shares proposed in the Notice to be transferred to a given Proposed Transferee are not purchased by the Company and/or its assignee(s) as provided in this Section, then the Holder may sell or otherwise transfer such Offered Shares to each Proposed Transferee at the Offered Price or at a higher price, provided that (i) such sale or other transfer is consummated within ninety (90) days after the date of the Notice, (ii) any such sale or other transfer is effected in compliance with all applicable securities laws, and (iii) each Proposed Transferee agrees in writing that the provisions of this Section will continue to apply to the Offered Shares in the hands of such Proposed Transferee. If the Offered Shares described in the Notice are not transferred to each Proposed Transferee within such ninety (90) day period, then a new Notice must be given to the Company pursuant to which the Company will again be offered the Right of First Refusal before any Shares held by the Holder may be sold or otherwise transferred.

9.6 Exempt Transfers. Notwithstanding anything to the contrary in this Section, the following transfers of Shares will be exempt from the Right of First Refusal: (i) the transfer of any or all of the Shares during Optionee's lifetime by gift or on Optionee's death by will or intestacy to any member(s) of Optionee's "Immediate Family" (as defined below) or to a trust for the benefit of Optionee and/or member(s) of Optionee's Immediate Family, provided that each transferee or other recipient agrees in a writing satisfactory to the Company that the provisions of this Section will continue to apply to the transferred Shares in the hands of such transferee or other recipient; (ii) any transfer of Shares made pursuant to a statutory merger, statutory consolidation of the Company with or into another corporation or corporations or a conversion of the Company into another form of legal entity (except that the Right of First Refusal will continue to apply thereafter to such Shares, in which case the surviving corporation of such merger or consolidation or the resulting entity of such conversion shall succeed to the rights of the Company under this Section unless the agreement of merger or consolidation or conversion expressly otherwise provides); or (iii) any transfer of Shares pursuant to the winding up and dissolution of the Company. As used herein, the term "**Immediate Family**" will mean Optionee's spouse, the lineal descendant or antecedent, father, mother, brother or sister, child, adopted child, grandchild or adopted grandchild of Optionee or Optionee's spouse, or the spouse of any of the above or Spousal Equivalent, as defined herein. As used herein, a person is deemed to be a "**Spousal Equivalent**" provided the following circumstances are true: (i) irrespective of whether or not Optionee and the Spousal Equivalent are the same sex, they are the sole spousal equivalent of the other for the last twelve (12) months, (ii) they intend to remain so indefinitely, (iii) neither are married to anyone else, (iv) both are at least 18 years of age and mentally competent to consent to contract, (v) they are not related by blood to a degree of closeness that which would prohibit legal marriage in the state in which they legally reside, (vi) they are jointly responsible for each other's common welfare and financial obligations, and (vii) they reside together in the same residence for the last twelve (12) months and intend to do so indefinitely.

9.7 Termination of Right of First Refusal. The Right of First Refusal will terminate as to all Shares: (i) on the effective date of the first sale of Common Stock of the Company to the general public pursuant to a registration statement filed with and declared effective by the SEC under the Securities Act (other than a registration statement relating solely to the issuance of Common Stock pursuant to a business combination or an employee incentive or benefit plan); (ii) on any transfer or conversion of Shares made pursuant to a statutory merger or statutory consolidation of the Company with or into another corporation or corporations if the common stock of the surviving corporation or any direct or indirect parent corporation thereof is registered under the Exchange Act; or (iii) on any transfer or conversion of Shares made pursuant to a statutory conversion of the Company into another form of legal entity if the common equity (or comparable equity security) of entity resulting from such conversion is registered under the Exchange Act.

9.8 Encumbrances on Shares. Optionee may grant a lien or security interest in, or pledge, hypothecate or encumber Shares only if each party to whom such lien or security interest is granted, or to whom such pledge, hypothecation or other encumbrance is made, agrees in a writing satisfactory to the Company that: (i) such lien, security interest, pledge, hypothecation or encumbrance will not adversely affect or impair the Right of First Refusal or the rights of the Company and/or its assignee(s) with respect thereto and will not apply to such Shares after they are acquired by the Company and/or its assignees under this Section; and (ii) the provisions of this Agreement will continue to apply to such Shares in the hands of such party and any transferee of such party.

10. RIGHTS AS A STOCKHOLDER. Optionee shall not have any of the rights of a stockholder with respect to any Shares unless and until such Shares are issued to Optionee. Subject to the terms and conditions of this Agreement, Optionee will have all of the rights of a stockholder of the Company with respect to the Shares from and after the date that Shares are issued to Optionee pursuant to, and in accordance with, the terms of the Exercise Agreement until such time as Optionee disposes of the Shares or the Company and/or its assignee(s) exercise(s) the Right of First Refusal. Upon an exercise of the Right of First Refusal, Optionee will have no further rights as a holder of the Shares so purchased upon such exercise, other than the right to receive payment for the Shares so purchased in accordance with the provisions of this Agreement, and Optionee will promptly surrender the stock certificate(s) evidencing the Shares so purchased to the Company for transfer or cancellation.

11. ESCROW. As security for Optionee's faithful performance of this Agreement, Optionee agrees, immediately upon receipt of the stock certificate(s) evidencing the Shares, to deliver such certificate(s) to the Secretary of the Company or other designee of the Company (the "**Escrow Holder**"), who is hereby appointed to hold such certificate(s) in escrow and to take all such actions and to effectuate all such transfers and/or releases of such Shares as are in accordance with the terms of this Agreement. Optionee and the Company agree that Escrow Holder will not be liable to any party to this Agreement (or to any other party) for any actions or omissions unless Escrow Holder is grossly negligent or intentionally fraudulent in carrying out the duties of Escrow Holder under this Agreement. Escrow Holder may rely upon any letter, notice or other document executed with any signature purported to be genuine and may rely on the advice of counsel and obey any order of any court with respect to the transactions contemplated by this Agreement and will not be liable for any act or omission taken by Escrow Holder in good faith reliance on such documents, the advice of counsel or a court order. The Shares will be released from escrow upon termination of the Right of First Refusal.

12. RESTRICTIVE LEGENDS AND STOP-TRANSFER ORDERS.

12.1 Legends. Optionee understands and agrees that the Company will place the legends set forth below or similar legends on any stock certificate(s) evidencing the Shares, together with any other legends that may be required by state or U.S. Federal securities laws, the Company's Certificate of Incorporation or Bylaws, any other agreement between Optionee and the Company, or any agreement between Optionee and any third party (and any other legend(s) that the Company may become obligated to place on the stock certificate(s) evidencing the Shares under the terms of any agreement to which the Company is or may become bound or obligated):

(a) THE SECURITIES REPRESENTED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), OR UNDER THE SECURITIES LAWS OF CERTAIN STATES. THESE SECURITIES ARE SUBJECT TO RESTRICTIONS ON TRANSFERABILITY AND RESALE AND MAY NOT BE TRANSFERRED OR RESOLD EXCEPT AS PERMITTED UNDER THE SECURITIES ACT AND APPLICABLE STATE SECURITIES LAWS, PURSUANT TO REGISTRATION OR EXEMPTION THEREFROM. INVESTORS SHOULD BE AWARE THAT THEY MAY BE REQUIRED TO BEAR THE FINANCIAL RISKS OF THIS INVESTMENT FOR AN INDEFINITE PERIOD OF TIME. THE ISSUER OF THESE SECURITIES MAY REQUIRE AN OPINION OF COUNSEL IN FORM AND SUBSTANCE SATISFACTORY TO THE ISSUER TO THE EFFECT THAT ANY PROPOSED TRANSFER OR RESALE IS IN COMPLIANCE WITH THE SECURITIES ACT AND ANY APPLICABLE STATE SECURITIES LAWS.

(b) THE SHARES REPRESENTED BY THIS CERTIFICATE ARE SUBJECT TO CERTAIN RESTRICTIONS ON RESALE AND TRANSFER, INCLUDING THE RIGHT OF FIRST REFUSAL HELD BY THE ISSUER AND/OR ITS ASSIGNEE(S) AS SET FORTH IN A STOCK OPTION AGREEMENT BETWEEN THE ISSUER

AND THE ORIGINAL HOLDER OF THESE SHARES, A COPY OF WHICH MAY BE OBTAINED AT THE PRINCIPAL OFFICE OF THE ISSUER. SUCH SALE AND TRANSFER RESTRICTIONS, INCLUDING THE RIGHT OF FIRST REFUSAL, ARE BINDING ON TRANSFEREES OF THESE SHARES.

(c) THE SHARES REPRESENTED BY THIS CERTIFICATE ARE SUBJECT TO A MARKET STANDOFF RESTRICTION AS SET FORTH IN A CERTAIN STOCK OPTION AGREEMENT BETWEEN THE ISSUER AND THE ORIGINAL HOLDER OF THESE SHARES, A COPY OF WHICH MAY BE OBTAINED AT THE PRINCIPAL OFFICE OF THE ISSUER. AS A RESULT OF SUCH AGREEMENT, THESE SHARES MAY NOT BE TRADED PRIOR TO 180 DAYS AFTER THE EFFECTIVE DATE OF CERTAIN PUBLIC OFFERINGS OF THE COMMON STOCK OF THE ISSUER HEREOF. SUCH RESTRICTION IS BINDING ON TRANSFEREES OF THESE SHARES.

12.2 Stop-Transfer Instructions. Optionee agrees that, to ensure compliance with the restrictions imposed by this Agreement, the Company may issue appropriate “stop-transfer” instructions to its transfer agent, if any, and if the Company transfers its own securities, it may make appropriate notations to the same effect in its own records.

12.3 Refusal to Transfer. The Company will not be required (i) to transfer on its books any Shares that have been sold or otherwise transferred in violation of any of the provisions of this Agreement or (ii) to treat as owner of such Shares, or to accord the right to vote or pay dividends to any purchaser or other transferee to whom such Shares have been so transferred.

13. CERTAIN TAX CONSEQUENCES. Set forth below is a brief summary as of the Effective Date of the Plan of some of the federal tax consequences of exercise of the Option and disposition of the Shares. THIS SUMMARY IS NECESSARILY INCOMPLETE, AND THE TAX LAWS AND REGULATIONS ARE SUBJECT TO CHANGE. OPTIONEE SHOULD CONSULT A TAX ADVISER BEFORE EXERCISING THE OPTION OR DISPOSING OF THE SHARES.

13.1 Exercise of ISO. If the Option qualifies as an ISO, there will be no regular federal income tax liability upon the exercise of the Option, although the excess, if any, of the Fair Market Value of the Shares on the date of exercise over the Exercise Price will be treated as a tax preference item for federal alternative minimum tax purposes and may subject Optionee to the alternative minimum tax in the year of exercise.

13.2 Exercise of Nonqualified Stock Option. If the Option does not qualify as an ISO, there may be a regular federal income tax liability upon the exercise of the Option. Optionee will be treated as having received compensation income (taxable at ordinary income tax rates) equal to the excess, if any, of the Fair Market Value of the Shares on the date of exercise over the Exercise Price. If Optionee is a current or former employee of the Company, the Company may be required to withhold from Optionee’s compensation or collect from Optionee and pay to the applicable taxing authorities an amount equal to a percentage of this compensation income at the time of exercise.

13.3 Disposition of Shares. The following tax consequences may apply upon disposition of the Shares.

(a) **Incentive Stock Options.** If the Shares are held for more than twelve (12) months after the date of purchase of the Shares pursuant to the exercise of an ISO and are disposed of more than two (2) years after the Date of Grant, any gain realized on disposition of the Shares will be treated as long term capital gain for federal income tax purposes. If Shares purchased under an ISO are disposed of within the applicable one (1) year or two (2) year period, any gain realized on such disposition will be treated as compensation income (taxable at ordinary income rates in the year of the disposition) to the extent of the excess, if any, of the Fair Market Value of the Shares on the date of exercise over the Exercise Price.

(b) **Nonqualified Stock Options.** If the Shares are held for more than twelve (12) months after the date of purchase of the Shares pursuant to the exercise of an NQSO, any gain realized on disposition of the Shares will be treated as long term capital gain.

14. GENERAL PROVISIONS.

14.1 Interpretation. Any dispute regarding the interpretation of this Agreement shall be submitted by Optionee or the Company to the Committee for review. The resolution of such a dispute by the Committee shall be final and binding on the Company and Optionee.

14.2 Entire Agreement. The Plan, the Grant Notice and the Exercise Agreement are each incorporated herein by reference. This Agreement, the Grant Notice, the Plan and the Exercise Agreement constitute the entire agreement of the parties with respect to the subject matter hereof and supersede all prior undertakings and agreements with respect to such subject matter.

15. NOTICES. Any and all notices required or permitted to be given to a party pursuant to the provisions of this Agreement will be in writing and will be effective and deemed to provide such party sufficient notice under this Agreement on the earliest of the following: (i) at the time of personal delivery, if delivery is in person; (ii) at the time an electronic confirmation of receipt is received, if delivery is by email; (iii) at the time of transmission by facsimile, addressed to the other party at its facsimile number specified herein (or hereafter modified by subsequent notice to the parties hereto), with confirmation of receipt made by both telephone and printed confirmation sheet verifying successful transmission of the facsimile; (iv) one (1) business day after deposit with an express overnight courier for United States deliveries, or two (2) business days after such deposit for deliveries outside of the United States, with proof of delivery from the courier requested; or (v) three (3) business days after deposit in the United States mail by certified mail (return receipt requested) for United States deliveries. Any notice for delivery outside the United States will be sent by email, facsimile or by express courier. Any notice not delivered personally or by email will be sent with postage and/or other charges prepaid and properly addressed to Optionee at the last known address or facsimile number on the books of the Company, or at such other address or facsimile number as such other party may designate by one of the indicated means of notice herein to the other parties hereto or, in the case of the Company, to it at its principal place of business. Notices to the Company will be marked "Attention: Chief Financial Officer." Notices by facsimile shall be machine verified as received.

16. SUCCESSORS AND ASSIGNS. The Company may assign any of its rights under this Agreement including its rights to purchase Shares under the Right of First Refusal. This Agreement shall be binding upon and inure to the benefit of the successors and assigns of the Company. Subject to the restrictions on transfer set forth herein, this Agreement shall be binding upon Optionee and Optionee's heirs, executors, administrators, legal representatives, successors and assigns.

17. GOVERNING LAW. This Agreement shall be governed by and construed in accordance with the internal laws of the State of California as such laws are applied to agreements between California residents entered into and to be performed entirely within California. If any provision of this Agreement is determined by a court of law to be illegal or unenforceable, then such provision will be enforced to the maximum extent possible and the other provisions will remain fully effective and enforceable.

18. FURTHER ASSURANCES. The parties agree to execute such further documents and instruments and to take such further actions as may be reasonably necessary to carry out the purposes and intent of this Agreement.

19. TITLES AND HEADINGS. The titles, captions and headings of this Agreement are included for ease of reference only and will be disregarded in interpreting or construing this Agreement. Unless otherwise specifically stated, all references herein to "sections" and "exhibits" will mean "sections" and "exhibits" to this Agreement.

20. COUNTERPARTS. This Agreement may be executed in any number of counterparts, each of which when so executed and delivered will be deemed an original, and all of which together shall constitute one and the same agreement.

21. SEVERABILITY. If any provision of this Agreement is determined by any court or arbitrator of competent jurisdiction to be invalid, illegal or unenforceable in any respect, such provision will be enforced to the maximum extent possible given the intent of the parties hereto. If such clause or provision cannot be so enforced, such provision shall be stricken from this Agreement and the remainder

of this Agreement shall be enforced as if such invalid, illegal or unenforceable clause or provision had (to the extent not enforceable) never been contained in this Agreement. Notwithstanding the forgoing, if the value of this Agreement based upon the substantial benefit of the bargain for any party is materially impaired, which determination as made by the presiding court or arbitrator of competent jurisdiction shall be binding, then both parties agree to substitute such provision(s) through good faith negotiations.

* * * * *

Attachment: Annex A: Form of Stock Option Exercise Notice and Agreement

ANNEX A

FORM OF STOCK OPTION EXERCISE NOTICE AND AGREEMENT

STOCK OPTION EXERCISE NOTICE AND AGREEMENT

AEGLEA BIOTHERAPEUTICS, INC.

2015 EQUITY INCENTIVE PLAN

* **NOTE:** You must sign this Notice on Page 3 before submitting it to Aeglea BioTherapeutics, Inc. (the “Company”).

OPTIONEE INFORMATION: Please provide the following information about yourself (“Optionee”):

Name: _____	Social Security Number: _____
Address: _____	Employee Number: _____

OPTION INFORMATION: Please provide this information on the option being exercised (the “Option”):

Grant No. _____	Type of Stock Option:
Date of Grant: _____	☐ Nonqualified (NQSO)
Option Price per Share: \$ _____	☐ Incentive (ISO)
Total number of shares of Common Stock of the Company subject to the Option: _____	

EXERCISE INFORMATION:

Number of shares of Common Stock of the Company for which the Option is now being exercised []. (These shares are referred to below as the “**Purchased Shares**.”)

Total Exercise Price Being Paid for the Purchased Shares: \$ _____

Form of payment enclosed **[check all that apply]:**

- ☐ Check for \$, payable to “**Aeglea BioTherapeutics, Inc.**”
- ☐ Certificate(s) for shares of Common Stock of the Company. These shares will be valued as of the date this notice is received by the Company. **[Requires Company consent.]**

AGREEMENTS, REPRESENTATIONS AND ACKNOWLEDGMENTS OF OPTIONEE: By signing this Stock Option Exercise Notice and Agreement, Optionee hereby agrees with, and represents to, the Company as follows:

1. **Terms Governing.** I acknowledge and agree with the Company that I am acquiring the Purchased Shares by exercise of this Option subject to all other terms and conditions of the Notice of Stock Option Grant and the Stock Option Agreement that govern the Option, including without limitation the terms of the Company’s 2015 Equity Incentive Plan, as it may be amended (the “**Plan**”).
2. **Investment Intent; Securities Law Restrictions.** I represent and warrant to the Company that I am acquiring and will hold the Purchased Shares for investment for my account only, and not with a view to, or for resale in connection with, any “distribution” of the Purchased Shares within the meaning of the Securities Act of 1933, as amended (the “**Securities Act**”). I understand that the Purchased Shares have not been registered under the Securities Act by reason of a specific exemption from such registration requirement and that the Purchased Shares must be held by me indefinitely, unless they are subsequently registered under the Securities Act or I obtain an opinion of counsel (in form and substance satisfactory to the Company and its counsel) that registration is not required. I acknowledge that the Company is under no obligation to register the Purchased Shares under the Securities Act or under any other securities law.

3. **Restrictions on Transfer: Rule 144.** I will not sell, transfer or otherwise dispose of the Purchased Shares in violation of the Securities Act, the Securities Exchange Act of 1934, or the rules promulgated thereunder (including Rule 144 under the Securities Act described below “Rule 144”)) or of any other applicable securities laws. I am aware of Rule 144, which permits limited public resales of securities acquired in a non-public offering, subject to satisfaction of certain conditions, which include (without limitation) that: (a) certain current public information about the Company is available; (b) the resale occurs only after the holding period required by Rule 144 has been met; (c) the sale occurs through an unsolicited “broker’s transaction”; and (d) the amount of securities being sold during any three-month period does not exceed specified limitations. I understand that the conditions for resale set forth in Rule 144 have not been satisfied and that the Company has no plans to satisfy these conditions in the foreseeable future.
4. **Access to Information; Understanding of Risk in Investment.** I acknowledge that I have received and had access to such information as I consider necessary or appropriate for deciding whether to invest in the Purchased Shares and that I had an opportunity to ask questions and receive answers from the Company regarding the terms and conditions of the issuance of the Purchased Shares. I am aware that my investment in the Company is a speculative investment that has limited liquidity and is subject to the risk of complete loss. I am able, without impairing my financial condition, to hold the Purchased Shares for an indefinite period and to suffer a complete loss of my investment in the Purchased Shares.
5. **Rights of First Refusal; Market Stand-off.** I acknowledge that the Purchased Shares remain subject to the Company’s Right of First Refusal and the market stand-off covenants (sometimes referred to as the “lock-up”), all in accordance with the applicable Notice of Stock Option Grant and the Stock Option Agreement that govern the Option.
6. **Form of Ownership.** I acknowledge that the Company has encouraged me to consult my own adviser to determine the form of ownership of the Purchased Shares that is appropriate for me. In the event that I choose to transfer my Purchased Shares to a trust, I agree to sign a Stock Transfer Agreement. In the event that I choose to transfer my Purchased Shares to a trust that is not an eligible revocable trust, I also acknowledge that the transfer will be treated as a “disposition” for tax purposes. As a result, the favorable ISO tax treatment will be unavailable and other unfavorable tax consequences may occur.
7. **Investigation of Tax Consequences.** I acknowledge that the Company has encouraged me to consult my own adviser to determine the tax consequences of acquiring the Purchased Shares at this time.
8. **Other Tax Matters.** I agree that the Company does not have a duty to design or administer the Plan or its other compensation programs in a manner that minimizes my tax liabilities. I will not make any claim against the Company or its Board, officers or employees related to tax liabilities arising from my options or my other compensation. In particular, I acknowledge that my options (including the Option) are exempt from section 409A of the Internal Revenue Code only if the exercise price per share is at least equal to the fair market value per share of the Common Stock at the time the option was granted by the Board. Since shares of the Common Stock are not traded on an established securities market, the determination of their fair market value was made by the Board and/or by an independent valuation firm retained by the Company. I acknowledge that there is no guarantee in either case that the Internal Revenue Service will agree with the valuation, and I will not make any claim against the Company or its Board, officers or employees in the event that the Internal Revenue Service asserts that the valuation was too low.
9. **Spouse Consent.** I agree to seek the consent of my spouse to the extent required by the Company to enforce the foregoing.
10. **Tax Withholding.** As a condition of exercising this Option, I agree to make adequate provision for foreign, federal, state or other tax withholding obligations, if any, which arise upon the grant, vesting or exercise of this Option, or disposition of the Purchased Shares, whether by withholding, direct payment to the Company, or otherwise.

The undersigned hereby executes and delivers this Stock Option Exercise Notice and Agreement to agrees to be bound by its terms

SIGNATURE:

DATE:

Optionee’s Name:

[Signature Page to Stock Option Exercise Notice and Agreement]

NOTICE OF STOCK OPTION GRANT

AEGLEA BIOTherapeutics, Inc.

2015 EQUITY INCENTIVE PLAN

The Optionee named below (“**Optionee**”) has been granted an option (this “**Option**”) to purchase shares of Common Stock, \$0.001 par value per share (the “**Common Stock**”), of Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), pursuant to the Company’s 2015 Equity Incentive Plan, as amended from time to time (the “**Plan**”) on the terms, and subject to the conditions, described below and in the Stock Option Agreement attached hereto as **Exhibit A**, including its annexes (the “**Stock Option Agreement**”).

Optionee:**Maximum Number of Shares Subject to this Option (the “Shares”):****Exercise Price Per Share:** \$ per share**Date of Grant:****Vesting Start Date:****Exercise Schedule:** This Option is immediately exercisable for all of the Shares, subject to the terms of the Stock Option Agreement**Expiration Date:** The date ten (10) years after the Date of Grant set forth above, subject to earlier expiration in the event of Termination as provided in Section 3 of the Stock Option Agreement.

Tax Status of Option: ☐ Incentive Stock Option (*To the fullest extent permitted by the Code*)
 (Check Only One Box): ☐ Nonqualified Stock Option.
(If neither box is checked, this Option is a Nonqualified Stock Option).

Vesting Schedule [EXAMPLE ONLY]: For so long as Optionee continuously provides services to the Company (or any Subsidiary or Parent of the Company) as an employee, officer, director, contractor or consultant, the Shares subject to this Option will vest as follows: (a) prior to the first one (1) year anniversary of the Vesting Start Date, none of the Shares will be vested; (b) **[1/4th]** of the Shares will be vested on the one (1) year anniversary of the Vesting Start Date; and (c) thereafter, this Option will become vested and exercisable with respect to an additional **[1/48th]** of the Shares when Optionee completes each month of continuous service following the first one (1) year anniversary of the Vesting Start Date.

General; Agreement: By their signatures below, Optionee and the Company agree that this Option is granted under and governed by this Notice of Stock Option Grant (this “**Grant Notice**”) and by the provisions of the Plan and the Stock Option Agreement. The Plan and the Stock Option Agreement are incorporated herein by reference. Capitalized terms used but not defined herein shall have the meanings given to them in the Plan or in the Stock Option Agreement, as applicable. By signing below, Optionee acknowledges receipt of a copy of this Grant Notice, the Plan and the Stock Option Agreement, represents that Optionee has carefully read and is familiar with their provisions, and hereby accepts the Option subject to all of their respective terms and conditions. Optionee acknowledges that there may be adverse tax consequences upon exercise of the Option or disposition of the Shares and that Optionee should consult a tax adviser prior to such exercise or disposition.

Execution and Delivery: This Grant Notice may be executed and delivered electronically whether via the Company’s intranet or the Internet site of a third party or via email or any other means of electronic delivery specified by the Company. By Optionee’s acceptance hereof (whether written, electronic or otherwise), Optionee agrees, to the fullest extent permitted by law, that in lieu of receiving documents in paper format, Optionee accepts

the electronic delivery of any documents that the Company (or any third party the Company may designate), may deliver in connection with this grant (including the Plan, this Grant Notice, the Stock Option Agreement, the information described in Rules 701(e)(2), (3), (4) and (5) under the Securities Act (the “**701 Disclosures**”), account statements, or other communications or information) whether via the Company’s intranet or the Internet site of such third party or via email or such other means of electronic delivery specified by the Company.

AEGLEA BIOTHERAPEUTICS, INC.

By/Signature: _____

Typed Name: _____

Title: _____

Optionee Signature: _____

Optionee’s Name: _____

ATTACHMENT: Exhibit A – Stock Option Agreement

Exhibit A

Stock Option Agreement

STOCK OPTION AGREEMENT
AEGLEA BIOTHERAPEUTICS, INC.
2015 EQUITY INCENTIVE PLAN

This Stock Option Agreement (this “**Agreement**”) is made and entered into as of the date of grant (the “**Date of Grant**”) set forth on the Notice of Stock Option Grant attached as the facing page to this Agreement (the “**Grant Notice**”) by and between Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), and the optionee named on the Grant Notice (“**Optionee**”). Capitalized terms not defined in this Agreement shall have the meaning ascribed to them in the Company’s 2015 Equity Incentive Plan, as amended from time to time (the “**Plan**”), or in the Grant Notice, as applicable.

1. GRANT OF OPTION. The Company hereby grants to Optionee an option (this “**Option**”) to purchase up to the total number of shares of Common Stock of the Company, \$0.001 par value per share (the “**Common Stock**”), set forth in the Grant Notice as the Shares (the “**Shares**”) at the Exercise Price Per Share set forth in the Grant Notice (the “**Exercise Price**”), subject to all of the terms and conditions of the Grant Notice, this Agreement and the Plan. If designated as an Incentive Stock Option in the Grant Notice, this Option is intended to qualify as an incentive stock option (the “**ISO**”) within the meaning of Section 422 of the Internal Revenue Code of 1986, as amended (the “**Code**”), except that if on the Date of Grant Optionee is not subject to U.S. income tax, then this Option shall be a NQSO.

2. EXERCISE PERIOD.

2.1. Exercise Period of Option. Subject to the conditions set forth in this Agreement, all or part of this Option may be exercised at any time after the Date of Grant. Shares purchased by exercising this Option may be subject to the Repurchase Option as set forth in Section 7 below. This Option will become vested during its term as to portions of the Shares in accordance with the Vesting Schedule set forth in the Grant Notice. Notwithstanding any provision in the Plan or this Agreement to the contrary, on or after Optionee’s Termination Date, this Option may not be exercised with respect to any Shares that are Unvested Shares on Optionee’s Termination Date.

2.2. Vesting of Option Shares. Shares with respect to which this Option is vested at a given time pursuant to the Vesting Schedule set forth in the Grant Notice are “**Vested Shares**.” Shares with respect to which this Option is not vested at a given time pursuant to the Vesting Schedule set forth in the Grant Notice are “**Unvested Shares**.”

2.3. Expiration. The Option shall expire on the Expiration Date set forth in the Grant Notice or earlier as provided in Section 3 below.

3. TERMINATION.

3.1. Termination for Any Reason Except Death, Disability or Cause. Except as provided in subsection 3.2 in a case in which Optionee dies within three (3) months after Optionee is Terminated other than for Cause, if Optionee is Terminated for any reason (other than Optionee’s death or Disability or for Cause), then (a) on and after Optionee’s Termination Date, this Option shall expire immediately with respect to any Shares that are Unvested Shares and may not be exercised with respect to any Shares that are Unvested Shares on Optionee’s Termination Date and (b) this Option to the extent (and only to the extent) that it is exercisable with respect to Vested Shares on Optionee’s Termination Date, may be exercised by Optionee no later than three (3) months after Optionee’s Termination Date (but in no event may this Option be exercised after the Expiration Date).

3.2. Termination Because of Death or Disability. If Optionee is Terminated because of Optionee’s death or Disability (or if Optionee dies within three (3) months of the date of Optionee’s Termination for any reason other than for Cause), then (a) on and after Optionee’s Termination Date, this Option shall expire immediately with respect to any Shares that are Unvested Shares and may not be exercised with respect to any Shares that are Unvested Shares on Optionee’s Termination Date and (b) this Option, to the extent (and only to the extent) that it is exercisable with respect to Vested Shares on Optionee’s Termination Date, may be exercised by Optionee (or

Optionee's legal representative) no later than twelve (12) months after Optionee's Termination Date, but in no event later than the Expiration Date. Any exercise of this Option beyond (i) three (3) months after the date Optionee ceases to be an employee when Optionee's Termination is for any reason other than Optionee's death or disability, within the meaning of Section 22(e)(3) of the Code; or (ii) twelve (12) months after the date Optionee ceases to be an employee when the termination is for Optionee's disability, within the meaning of Section 22(e)(3) of the Code, is deemed to be an NQSO.

3.3. Termination for Cause. If Optionee is Terminated for Cause, then Optionee may exercise this Option, but only with respect to any Shares that are Vested Shares on Optionee's Termination Date, and this Option shall expire on Optionee's Termination Date, or at such later time and on such conditions as may be affirmatively determined by the Committee. On and after Optionee's Termination Date, this Option shall expire immediately with respect to any Shares that are Unvested Shares and may not be exercised with respect to any Shares that are Unvested Shares on Optionee's Termination Date.

3.4. No Obligation to Employ. Nothing in the Plan or this Agreement shall confer on Optionee any right to continue in the employ of, or other relationship with, the Company or any Parent or Subsidiary of the Company, or limit in any way the right of the Company or any Parent or Subsidiary of the Company to terminate Optionee's employment or other relationship at any time, with or without Cause.

4. MANNER OF EXERCISE.

4.1. Stock Option Exercise Notice and Agreement. To exercise this Option, Optionee (or in the case of exercise after Optionee's death or incapacity, Optionee's executor, administrator, heir or legatee, as the case may be) must deliver to the Company an executed Stock Option Exercise Notice and Agreement in the form attached hereto as **Annex A**, or in such other form as may be approved by the Committee from time to time (the "**Exercise Agreement**") and payment for the shares being purchased in accordance with this Agreement. The Exercise Agreement shall set forth, among other things, (i) Optionee's election to exercise this Option, (ii) the number of Shares being purchased, (iii) any representations, warranties and agreements regarding Optionee's investment intent and access to information as may be required by the Company to comply with applicable securities laws in connection with any exercise of this Option and (iv) any other agreements required by the Company to the Company. If someone other than Optionee exercises this Option, then such person must submit documentation reasonably acceptable to the Company verifying that such person has the legal right to exercise this Option and such person shall be subject to all of the restrictions contained herein as if such person were Optionee.

4.2. Limitations on Exercise. This Option may not be exercised unless such exercise is in compliance with all applicable federal and state securities laws, as they are in effect on the date of exercise.

4.3. Payment. The Exercise Agreement shall be accompanied by full payment of the Exercise Price for the shares being purchased in cash (by check or wire transfer), or where permitted by law:

(a) by cancellation of indebtedness of the Company owed to Optionee;

(b) by surrender of shares of the Company that are free and clear of all security interests, pledges, liens, claims or encumbrances and: (i) for which the Company has received "full payment of the purchase price" within the meaning of SEC Rule 144 (and, if such shares were purchased from the Company by use of a promissory note, such note has been fully paid with respect to such shares) or (ii) that were obtained by Optionee in the public market;

(c) by participating in a formal cashless exercise program implemented by the Committee in connection with the Plan;

(d) provided that a public market for the Common Stock exists, subject to compliance with applicable law, by exercising as set forth below, through a "same day sale" commitment from Optionee and a broker-dealer whereby Optionee irrevocably elects to exercise this Option and to sell a portion of the Shares so purchased sufficient to pay the total Exercise Price, and whereby the broker-dealer irrevocably commits upon receipt of such Shares to forward the total Exercise Price directly to the Company; or

(e) by any combination of the foregoing or any other method of payment approved by the Committee that constitutes legal consideration for the issuance of Shares.

4.4. Tax Withholding. Prior to the issuance of the Shares upon exercise of the Option, Optionee must pay or provide for any applicable federal, state and local withholding obligations of the Company. If the Committee permits, Optionee may provide for payment of withholding taxes upon exercise of the Option by requesting that the Company retain the minimum number of Shares with a Fair Market Value equal to the minimum amount of taxes required to be withheld; or to arrange a mandatory “sell to cover” on Participant’s behalf (without further authorization); but in no event will the Company withhold Shares or “sell to cover” if such withholding would result in adverse accounting consequences to the Company. In case of stock withholding or a sell to cover, the Company shall issue the net number of Shares to Optionee by deducting the Shares retained from the Shares issuable upon exercise.

4.5. Issuance of Shares. Provided that the Exercise Agreement and payment are in form and substance satisfactory to counsel for the Company, the Company shall issue the Shares issuable upon a valid exercise of this Option registered in the name of Optionee, Optionee’s authorized assignee, or Optionee’s legal representative, and shall deliver certificates representing the Shares with the appropriate legends affixed thereto.

5. COMPLIANCE WITH LAWS AND REGULATIONS. The Plan and this Agreement are intended to comply with Section 25102(o) and Rule 701. Any provision of this Agreement that is inconsistent with Section 25102(o) or Rule 701 shall, without further act or amendment by the Company or the Committee, be reformed to comply with the requirements of Section 25102(o) and/or Rule 701. The exercise of this Option and the issuance and transfer of Shares shall be subject to compliance by the Company and Optionee with all applicable requirements of federal and state securities laws and with all applicable requirements of any stock exchange on which the Common Stock may be listed at the time of such issuance or transfer. Optionee understands that the Company is under no obligation to register or qualify the Shares with the SEC, any state securities commission or any stock exchange to effect such compliance.

6. NONTRANSFERABILITY OF OPTION. This Option may not be transferred in any manner other than by will or by the laws of descent and distribution, and, with respect to NQSOs, by instrument to a testamentary trust in which the options are to be passed to beneficiaries upon the death of the trustor (settlor) or a revocable trust, or by gift to “immediate family” as that term is defined in 17 C.F.R. 240.16a-1(e), and may be exercised during the lifetime of Optionee only by Optionee or in the event of Optionee’s incapacity, by Optionee’s legal representative. The terms of this Option shall be binding upon the executors, administrators, successors and assigns of Optionee.

7. COMPANY’S REPURCHASE OPTION FOR UNVESTED SHARES. If Optionee is Terminated for any reason, or no reason, including without limitation, Optionee’s death, Disability, voluntary resignation or termination by the Company with or without Cause and Optionee has acquired Unvested Shares by exercising this Option, then the Company and/or its assignee(s) shall have the option to repurchase all or a portion of Optionee’s Unvested Shares (as defined in Section 2.2 of this Agreement) as of the Termination Date on the terms and conditions set forth in this Section 7 (the “**Repurchase Option**”).

7.1. Termination and Termination Date. In case of any dispute as to whether Optionee is Terminated, the Committee shall have discretion to determine whether Optionee has been Terminated and the effective date of such Termination (the “**Termination Date**”).

7.2. Exercise of Repurchase Option. Subject to the foregoing provisions of this Section, at any time within ninety (90) days after Optionee’s Termination Date, the Company and/or its assignee(s), may elect to repurchase any or all of Optionee’s Unvested Shares by giving Optionee written notice of exercise of the Repurchase Option.

7.3. Calculation of Repurchase Price for Unvested Shares. The Company or its assignee shall have the option to repurchase from Optionee (or from Optionee’s personal representative as the case may be) the Unvested Shares at Optionee’s Exercise Price, as such may be proportionately adjusted for any stock split or similar change in the capital structure of the Company as set forth in Section 2.2 of the Plan (the “**Repurchase Price**”).

7.4. Payment of Repurchase Price. The Repurchase Price shall be payable, at the option of the Company or its assignee, by check or by cancellation of all or a portion of any outstanding indebtedness owed by Optionee to the Company and/or such assignee, or by any combination thereof. The Repurchase Price shall be paid without interest within the term of the Repurchase Option as described in Section 7.2.

7.5. Right of Termination Unaffected. Nothing in this Agreement shall be construed to limit or otherwise affect in any manner whatsoever the right or power of the Company (or any Parent or Subsidiary of the Company) to terminate Optionee's employment or other relationship with Company (or any Parent or Subsidiary of the Company) at any time, for any reason or no reason, with or without Cause.

8. RESTRICTIONS ON TRANSFER.

8.1. Disposition of Shares. Optionee hereby agrees that Optionee shall make no disposition of any of the Shares (other than as permitted by this Agreement) unless and until:

(a) Optionee shall have notified the Company of the proposed disposition and provided a written summary of the terms and conditions of the proposed disposition;

(b) Optionee shall have complied with all requirements of this Agreement applicable to the disposition of the Shares;

(c) Optionee shall have provided the Company with written assurances, in form and substance satisfactory to counsel for the Company, that (i) the proposed disposition does not require registration of the Shares under the Securities Act or under any applicable state securities laws or (ii) all appropriate actions necessary for compliance with the registration requirements of the Securities Act or of any exemption from registration available under the Securities Act (including Rule 144) or applicable state securities laws have been taken; and

(d) Optionee shall have provided the Company with written assurances, in form and substance satisfactory to the Company, that the proposed disposition will not result in the contravention of any transfer restrictions applicable to the Shares pursuant to the provisions of the regulations promulgated under Section 25102(o), Rule 701 or under any other applicable securities laws or adversely affect the Company's ability to rely on the exemption(s) from registration under the Securities Act or under any other applicable securities laws for the grant of the Option, the issuance of Shares thereunder or any other issuance of securities under the Plan.

8.2. Restriction on Transfer. Optionee shall not transfer, assign, grant a lien or security interest in, pledge, hypothecate, encumber or otherwise dispose of any of the Shares which are subject to the Company's Repurchase Option or the Right of First Refusal described below, except as permitted by this Agreement.

8.3. Transferee Obligations. Each person (other than the Company) to whom the Shares are transferred by means of one of the permitted transfers specified in this Agreement must, as a condition precedent to the validity of such transfer, acknowledge in writing to the Company that such person is bound by the provisions of this Agreement and that the transferred Shares are subject to (i) both the Company's Repurchase Option and the Company's Right of First Refusal granted hereunder and (ii) the market stand-off provisions of Section 9 below, to the same extent such Shares would be so subject if retained by Optionee.

9. MARKET STANDOFF AGREEMENT. Optionee agrees that, subject to any early release provisions that apply pro rata to stockholders of the Company according to their holdings of Common Stock (determined on an as-converted into Common Stock basis), Optionee will not, for a period of up to one hundred eighty (180) days (plus up to an additional thirty five (35) days to the extent reasonably requested by the Company or such underwriter(s) to accommodate regulatory restrictions on the publication or other distribution of research reports or earnings releases by the Company, including NASD and NYSE rules) following the effective date of the registration statement filed with the SEC relating to the initial underwritten sale of Common Stock of the Company to the public under the Securities Act (the "**IPO**"), directly or indirectly sell, offer to sell, grant any option for the sale of, or otherwise dispose of any Common Stock or securities convertible into Common Stock, except for: (i) transfers of Shares permitted under Section 10.6 hereof so long as such transferee furnishes to the Company and the managing underwriter their written consent to be bound by this Section 9 as a condition precedent to such transfer; and (ii)

sales of any securities to be included in the registration statement for the IPO. For the avoidance of doubt, the provisions of this Section shall only apply to the IPO. The restricted period shall in any event terminate two (2) years after the closing date of the IPO. In order to enforce the foregoing covenant, the Company shall have the right to place restrictive legends on the certificates representing the Shares subject to this Section and to impose stop transfer instructions with respect to the Shares until the end of such period. Optionee further agrees to enter into any agreement reasonably required by the underwriters to implement the foregoing restrictions on transfer. For the avoidance of doubt, the foregoing provisions of this Section shall not apply to any registration of securities of the Company (a) under an employee benefit plan or (b) in a merger, consolidation, business combination or similar transaction.

10. COMPANY'S RIGHT OF FIRST REFUSAL. Unvested Shares may not be sold or otherwise transferred, or pledged by Optionee or made subject to a security interest, pledge or other lien without the Company's prior written consent, which may be withheld in the Company's sole and absolute discretion. Before any Vested Shares held by Optionee or any transferee of such Vested Shares (either sometimes referred to herein as the "**Holder**") may be sold or otherwise transferred (including, without limitation, a transfer by gift or operation of law), the Company and/or its assignee(s) will have a right of first refusal to purchase the Vested Shares to be sold or transferred (the "**Offered Shares**") on the terms and conditions set forth in this Section (the "**Right of First Refusal**").

10.1. Notice of Proposed Transfer. The Holder of the Offered Shares will deliver to the Company a written notice (the "**Notice**") stating: (i) the Holder's bona fide intention to sell or otherwise transfer the Offered Shares; (ii) the name and address of each proposed purchaser or other transferee (the "**Proposed Transferee**"); (iii) the number of Offered Shares to be transferred to each Proposed Transferee; (iv) the bona fide cash price or other consideration for which the Holder proposes to transfer the Offered Shares (the "**Offered Price**"); and (v) that the Holder acknowledges this Notice is an offer to sell the Offered Shares to the Company and/or its assignee(s) pursuant to the Company's Right of First Refusal at the Offered Price as provided for in this Agreement.

10.2. Exercise of Right of First Refusal. At any time within thirty (30) days after the date of the Notice, the Company and/or its assignee(s) may, by giving written notice to the Holder, elect to purchase all (or, with the consent of the Holder, less than all) the Offered Shares proposed to be transferred to any one or more of the Proposed Transferees named in the Notice, at the purchase price, determined as specified below.

10.3. Purchase Price. The purchase price for the Offered Shares purchased under this Section will be the Offered Price, provided that if the Offered Price consists of no legal consideration (as, for example, in the case of a transfer by gift) then the purchase price will be the fair market value of the Offered Shares as determined in good faith by the Committee. If the Offered Price includes consideration other than cash, then the value of the non-cash consideration, as determined in good faith by the Committee, will conclusively be deemed to be the cash equivalent value of such non-cash consideration.

10.4. Payment. Payment of the purchase price for the Offered Shares will be payable, at the option of the Company and/or its assignee(s) (as applicable), by check or by cancellation of all or a portion of any outstanding purchase money indebtedness owed by the Holder to the Company (or to such assignee, in the case of a purchase of Offered Shares by such assignee) or by any combination thereof. The purchase price will be paid without interest within sixty (60) days after the Company's receipt of the Notice, or, at the option of the Company and/or its assignee(s), in the manner and at the time(s) set forth in the Notice.

10.5. Holder's Right to Transfer. If all of the Offered Shares proposed in the Notice to be transferred to a given Proposed Transferee are not purchased by the Company and/or its assignee(s) as provided in this Section, then the Holder may sell or otherwise transfer such Offered Shares to each Proposed Transferee at the Offered Price or at a higher price, provided that (i) such sale or other transfer is consummated within ninety (90) days after the date of the Notice, (ii) any such sale or other transfer is effected in compliance with all applicable securities laws, and (iii) each Proposed Transferee agrees in writing that the provisions of this Section will continue to apply to the Offered Shares in the hands of such Proposed Transferee. If the Offered Shares described in the Notice are not transferred to each Proposed Transferee within such ninety (90) day period, then a new Notice must be given to the Company pursuant to which the Company will again be offered the Right of First Refusal before any Shares held by the Holder may be sold or otherwise transferred.

10.6. Exempt Transfers. Notwithstanding anything to the contrary in this Section, the following transfers of Vested Shares will be exempt from the Right of First Refusal: (i) the transfer of any or all of the Vested Shares during Optionee's lifetime by gift or on Optionee's death by will or intestacy to any member(s) of Optionee's "Immediate Family" (as defined below) or to a trust for the benefit of Optionee and/or member(s) of Optionee's Immediate Family, provided that each transferee or other recipient agrees in a writing satisfactory to the Company that the provisions of this Section will continue to apply to the transferred Vested Shares in the hands of such transferee or other recipient; (ii) any transfer of Vested Shares made pursuant to a statutory merger, statutory consolidation of the Company with or into another corporation or corporations or a conversion of the Company into another form of legal entity (except that the Right of First Refusal will continue to apply thereafter to such Vested Shares, in which case the surviving corporation of such merger or consolidation or the resulting entity of such conversion shall succeed to the rights of the Company under this Section unless the agreement of merger or consolidation or conversion expressly otherwise provides); or (iii) any transfer of Vested Shares pursuant to the winding up and dissolution of the Company. As used herein, the term "**Immediate Family**" will mean Optionee's spouse, the lineal descendant or antecedent, father, mother, brother or sister, child, adopted child, grandchild or adopted grandchild of Optionee or Optionee's spouse, or the spouse of any of the above or Spousal Equivalent, as defined herein. As used herein, a person is deemed to be a "**Spousal Equivalent**" provided the following circumstances are true: (i) irrespective of whether or not Optionee and the Spousal Equivalent are the same sex, they are the sole spousal equivalent of the other for the last twelve (12) months, (ii) they intend to remain so indefinitely, (iii) neither are married to anyone else, (iv) both are at least 18 years of age and mentally competent to consent to contract, (v) they are not related by blood to a degree of closeness that which would prohibit legal marriage in the state in which they legally reside, (vi) they are jointly responsible for each other's common welfare and financial obligations, and (vii) they reside together in the same residence for the last twelve (12) months and intend to do so indefinitely.

10.7. Termination of Right of First Refusal. The Right of First Refusal will terminate as to all Shares: (i) on the effective date of the first sale of Common Stock of the Company to the general public pursuant to a registration statement filed with and declared effective by the SEC under the Securities Act (other than a registration statement relating solely to the issuance of Common Stock pursuant to a business combination or an employee incentive or benefit plan); (ii) on any transfer or conversion of Shares made pursuant to a statutory merger or statutory consolidation of the Company with or into another corporation or corporations if the common stock of the surviving corporation or any direct or indirect parent corporation thereof is registered under the Exchange Act; or (iii) on any transfer or conversion of Shares made pursuant to a statutory conversion of the Company into another form of legal entity if the common equity (or comparable equity security) of entity resulting from such conversion is registered under the Exchange Act.

10.8. Encumbrances on Vested Shares. Optionee may grant a lien or security interest in, or pledge, hypothecate or encumber Vested Shares only if each party to whom such lien or security interest is granted, or to whom such pledge, hypothecation or other encumbrance is made, agrees in a writing satisfactory to the Company that: (i) such lien, security interest, pledge, hypothecation or encumbrance will not adversely affect or impair the Right of First Refusal or the rights of the Company and/or its assignee(s) with respect thereto and will not apply to such Vested Shares after they are acquired by the Company and/or its assignees under this Section; and (ii) the provisions of this Agreement will continue to apply to such Vested Shares in the hands of such party and any transferee of such party. Optionee may not grant a lien or security interest in, or pledge, hypothecate or encumber, any Unvested Shares.

11. RIGHTS AS A STOCKHOLDER. Optionee shall not have any of the rights of a stockholder with respect to any Shares unless and until such Shares are issued to Optionee. Subject to the terms and conditions of this Agreement, Optionee will have all of the rights of a stockholder of the Company with respect to the Shares from and after the date that Shares are issued to Optionee pursuant to, and in accordance with, the terms of the Exercise Agreement until such time as Optionee disposes of the Shares or the Company and/or its assignee(s) exercise(s) the Repurchase Option or the Right of First Refusal. Upon an exercise of the Repurchase Option or the Right of First Refusal, Optionee will have no further rights as a holder of the Shares so purchased upon such exercise, other than the right to receive payment for the Shares so purchased in accordance with the provisions of this Agreement, and Optionee will promptly surrender the stock certificate(s) evidencing the Shares so purchased to the Company for transfer or cancellation.

12. ESCROW. As security for Optionee's faithful performance of this Agreement, Optionee agrees, immediately upon receipt of the stock certificate(s) evidencing the Shares, to deliver such certificate(s) to the Secretary of the Company or other designee of the Company (the "**Escrow Holder**"), who is hereby appointed to hold such certificate(s) and to take all such actions and to effectuate all such transfers and/or releases of such Shares as are in accordance with the terms of this Agreement. Optionee and the Company agree that Escrow Holder will not be liable to any party to this Agreement (or to any other party) for any actions or omissions unless Escrow Holder is grossly negligent or intentionally fraudulent in carrying out the duties of Escrow Holder under this Agreement. Escrow Holder may rely upon any letter, notice or other document executed with any signature purported to be genuine and may rely on the advice of counsel and obey any order of any court with respect to the transactions contemplated by this Agreement and will not be liable for any act or omission taken by Escrow Holder in good faith reliance on such documents, the advice of counsel or a court order. The Shares will be released from escrow upon termination of both the Repurchase Option and the Right of First Refusal.

13. RESTRICTIVE LEGENDS AND STOP-TRANSFER ORDERS.

13.1. Legends. Optionee understands and agrees that the Company will place the legends set forth below or similar legends on any stock certificate(s) evidencing the Shares, together with any other legends that may be required by state or U.S. Federal securities laws, the Company's Certificate of Incorporation or Bylaws, any other agreement between Optionee and the Company, or any agreement between Optionee and any third party (and any other legend(s) that the Company may become obligated to place on the stock certificate(s) evidencing the Shares under the terms of any agreement to which the Company is or may become bound or obligated):

(a) THE SECURITIES REPRESENTED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), OR UNDER THE SECURITIES LAWS OF CERTAIN STATES. THESE SECURITIES ARE SUBJECT TO RESTRICTIONS ON TRANSFERABILITY AND RESALE AND MAY NOT BE TRANSFERRED OR RESOLD EXCEPT AS PERMITTED UNDER THE SECURITIES ACT AND APPLICABLE STATE SECURITIES LAWS, PURSUANT TO REGISTRATION OR EXEMPTION THEREFROM. INVESTORS SHOULD BE AWARE THAT THEY MAY BE REQUIRED TO BEAR THE FINANCIAL RISKS OF THIS INVESTMENT FOR AN INDEFINITE PERIOD OF TIME. THE ISSUER OF THESE SECURITIES MAY REQUIRE AN OPINION OF COUNSEL IN FORM AND SUBSTANCE SATISFACTORY TO THE ISSUER TO THE EFFECT THAT ANY PROPOSED TRANSFER OR RESALE IS IN COMPLIANCE WITH THE SECURITIES ACT AND ANY APPLICABLE STATE SECURITIES LAWS.

(b) THE SHARES REPRESENTED BY THIS CERTIFICATE ARE SUBJECT TO CERTAIN RESTRICTIONS ON RESALE AND TRANSFER, INCLUDING THE REPURCHASE OPTION AND RIGHT OF FIRST REFUSAL HELD BY THE ISSUER AND/OR ITS ASSIGNEE(S) AS SET FORTH IN A STOCK OPTION AGREEMENT BETWEEN THE ISSUER AND THE ORIGINAL HOLDER OF THESE SHARES, A COPY OF WHICH MAY BE OBTAINED AT THE PRINCIPAL OFFICE OF THE ISSUER. SUCH SALE AND TRANSFER RESTRICTIONS, INCLUDING THE REPURCHASE OPTION AND RIGHT OF FIRST REFUSAL, ARE BINDING ON TRANSFEREES OF THESE SHARES.

(c) THE SHARES REPRESENTED BY THIS CERTIFICATE ARE SUBJECT TO A MARKET STANDOFF RESTRICTION AS SET FORTH IN A CERTAIN STOCK OPTION AGREEMENT BETWEEN THE ISSUER AND THE ORIGINAL HOLDER OF THESE SHARES, A COPY OF WHICH MAY BE OBTAINED AT THE PRINCIPAL OFFICE OF THE ISSUER. AS A RESULT OF SUCH AGREEMENT, THESE SHARES MAY NOT BE TRADED PRIOR TO 180 DAYS AFTER THE EFFECTIVE DATE OF CERTAIN PUBLIC OFFERINGS OF THE COMMON STOCK OF THE ISSUER HEREOF. SUCH RESTRICTION IS BINDING ON TRANSFEREES OF THESE SHARES.

13.2. Stop-Transfer Instructions. Optionee agrees that, to ensure compliance with the restrictions imposed by this Agreement, the Company may issue appropriate "stop-transfer" instructions to its transfer agent, if any, and if the Company transfers its own securities, it may make appropriate notations to the same effect in its own records.

13.3. Refusal to Transfer. The Company will not be required (i) to transfer on its books any Shares that have been sold or otherwise transferred in violation of any of the provisions of this Agreement or (ii) to treat as owner of such Shares, or to accord the right to vote or pay dividends to any purchaser or other transferee to whom such Shares have been so transferred.

14. CERTAIN TAX CONSEQUENCES. Set forth below is a brief summary as of the Effective Date of the Plan of some of the federal tax consequences of exercise of the Option and disposition of the Shares. THIS SUMMARY IS NECESSARILY INCOMPLETE, AND THE TAX LAWS AND REGULATIONS ARE SUBJECT TO CHANGE. OPTIONEE SHOULD CONSULT A TAX ADVISER BEFORE EXERCISING THE OPTION OR DISPOSING OF THE SHARES.

14.1. Exercise of ISO. If the Option qualifies as an ISO, there will be no regular federal income tax liability upon the exercise of the Option, although the excess, if any, of the Fair Market Value of the Shares on the date of exercise over the Exercise Price will be treated as a tax preference item for federal alternative minimum tax purposes and may subject Optionee to the alternative minimum tax in the year of exercise.

14.2. Exercise of Nonqualified Stock Option. If the Option does not qualify as an ISO, there may be a regular federal income tax liability upon the exercise of the Option. Optionee will be treated as having received compensation income (taxable at ordinary income tax rates) equal to the excess, if any, of the Fair Market Value of the Shares on the date of exercise over the Exercise Price. If Optionee is a current or former employee of the Company, the Company may be required to withhold from Optionee's compensation or collect from Optionee and pay to the applicable taxing authorities an amount equal to a percentage of this compensation income at the time of exercise.

14.3. Disposition of Shares. The following tax consequences may apply upon disposition of the Shares.

(a) **Incentive Stock Options.** If the Shares are held for more than twelve (12) months after the date of purchase of the Shares pursuant to the exercise of an ISO and are disposed of more than two (2) years after the Date of Grant, any gain realized on disposition of the Shares will be treated as long term capital gain for federal income tax purposes. If Vested Shares purchased under an ISO are disposed of within the applicable one (1) year or two (2) year period, any gain realized on such disposition will be treated as compensation income (taxable at ordinary income rates in the year of the disposition) to the extent of the excess, if any, of the Fair Market Value of the Shares on the date of exercise over the Exercise Price. To the extent the Shares were exercised prior to vesting coincident with the filing of an 83(b) Election, the amount taxed because of a disqualifying disposition will be based upon the excess, if any, of the fair market value on the date of vesting over the exercise price.

(b) **Nonqualified Stock Options.** If the Shares are held for more than twelve (12) months after the date of purchase of the Shares pursuant to the exercise of an NQSO, any gain realized on disposition of the Shares will be treated as long term capital gain.

14.4. Section 83(b) Election for Unvested Shares. With respect to Unvested Shares, which are subject to the Repurchase Option, unless an election is filed by Optionee with the Internal Revenue Service (and, if necessary, the proper state taxing authorities), within thirty (30) days of the purchase of the Unvested Shares, electing pursuant to Section 83(b) of the Code (and similar state tax provisions, if applicable) to be taxed currently on any difference between the Exercise Price of the Unvested Shares and their Fair Market Value on the date of purchase, there may be a recognition of taxable income (including, where applicable, alternative minimum taxable income) to Optionee, measured by the excess, if any, of the Fair Market Value of the Unvested Shares at the time they cease to be Unvested Shares, over the Exercise Price of the Unvested Shares.

15. GENERAL PROVISIONS.

15.1. Interpretation. Any dispute regarding the interpretation of this Agreement shall be submitted by Optionee or the Company to the Committee for review. The resolution of such a dispute by the Committee shall be final and binding on the Company and Optionee.

15.2. Entire Agreement. The Plan, the Grant Notice and the Exercise Agreement are each incorporated herein by reference. This Agreement, the Grant Notice, the Plan and the Exercise Agreement constitute the entire agreement of the parties with respect to the subject matter hereof and supersede all prior undertakings and agreements with respect to such subject matter.

16. NOTICES. Any and all notices required or permitted to be given to a party pursuant to the provisions of this Agreement will be in writing and will be effective and deemed to provide such party sufficient notice under this Agreement on the earliest of the following: (i) at the time of personal delivery, if delivery is in person; (ii) at the time an electronic confirmation of receipt is received, if delivery is by email; (iii) at the time of transmission by facsimile, addressed to the other party at its facsimile number specified herein (or hereafter modified by subsequent notice to the parties hereto), with confirmation of receipt made by both telephone and printed confirmation sheet verifying successful transmission of the facsimile; (iv) one (1) business day after deposit with an express overnight courier for United States deliveries, or two (2) business days after such deposit for deliveries outside of the United States, with proof of delivery from the courier requested; or (v) three (3) business days after deposit in the United States mail by certified mail (return receipt requested) for United States deliveries. Any notice for delivery outside the United States will be sent by email, facsimile or by express courier. Any notice not delivered personally or by email will be sent with postage and/or other charges prepaid and properly addressed to Optionee at the last known address or facsimile number on the books of the Company, or at such other address or facsimile number as such other party may designate by one of the indicated means of notice herein to the other parties hereto or, in the case of the Company, to it at its principal place of business. Notices to the Company will be marked "Attention: Chief Financial Officer." Notices by facsimile shall be machine verified as received.

17. SUCCESSORS AND ASSIGNS. The Company may assign any of its rights under this Agreement including its rights to purchase Shares under both the Right of First Refusal and Repurchase Option. This Agreement shall be binding upon and inure to the benefit of the successors and assigns of the Company. Subject to the restrictions on transfer set forth herein, this Agreement shall be binding upon Optionee and Optionee's heirs, executors, administrators, legal representatives, successors and assigns.

18. GOVERNING LAW. This Agreement shall be governed by and construed in accordance with the internal laws of the State of California as such laws are applied to agreements between California residents entered into and to be performed entirely within California. If any provision of this Agreement is determined by a court of law to be illegal or unenforceable, then such provision will be enforced to the maximum extent possible and the other provisions will remain fully effective and enforceable.

19. FURTHER ASSURANCES. The parties agree to execute such further documents and instruments and to take such further actions as may be reasonably necessary to carry out the purposes and intent of this Agreement.

20. TITLES AND HEADINGS. The titles, captions and headings of this Agreement are included for ease of reference only and will be disregarded in interpreting or construing this Agreement. Unless otherwise specifically stated, all references herein to "sections" and "exhibits" will mean "sections" and "exhibits" to this Agreement.

21. COUNTERPARTS. This Agreement may be executed in any number of counterparts, each of which when so executed and delivered will be deemed an original, and all of which together shall constitute one and the same agreement.

22. SEVERABILITY. If any provision of this Agreement is determined by any court or arbitrator of competent jurisdiction to be invalid, illegal or unenforceable in any respect, such provision will be enforced to the maximum extent possible given the intent of the parties hereto. If such clause or provision cannot be so enforced, such provision shall be stricken from this Agreement and the remainder of this Agreement shall be enforced as if such invalid, illegal or unenforceable clause or provision had (to the extent not enforceable) never been contained in this Agreement. Notwithstanding the forgoing, if the value of this Agreement based upon the substantial benefit of the bargain for any party is materially impaired, which determination as made by the presiding court or arbitrator of competent jurisdiction shall be binding, then both parties agree to substitute such provision(s) through good faith negotiations.

* * * * *

Attachments:

Annex A: Form of Stock Option Exercise Notice and Agreement

ANNEX A

FORM OF STOCK OPTION EXERCISE NOTICE AND AGREEMENT

STOCK OPTION EXERCISE NOTICE AND AGREEMENT

AEGLEA BIOThERAPEUTICS, INC.

2015 EQUITY INCENTIVE PLAN

* **NOTE:** You must sign this Notice on Page 3 before submitting it to Aeglea BioTherapeutics, Inc. (the “Company”).

OPTIONEE INFORMATION: Please provide the following information about yourself (“Optionee”):

Name: _____ Social Security Number: _____
Address: _____ Employee Number: _____

OPTION INFORMATION: Please provide this information on the option being exercised (the “Option”):

Grant No. _____
Date of Grant: _____ Type of Stock Option: _____
Option Price per Share: \$ _____ ☐ Nonqualified (NQSO)
Total number of shares of _____ ☐ Incentive (ISO)
Common Stock of the Company subject to the Option: _____

EXERCISE INFORMATION:

Number of shares of Common Stock of the Company for which the Option is now being exercised []. (These shares are referred to below as the “**Purchased Shares**.”)

Total Exercise Price Being Paid for the Purchased Shares: \$ _____

Form of payment enclosed *[check all that apply]*:

- ☐ Check for \$, payable to “**Aeglea BioTherapeutics, Inc.**.”
☐ Certificate(s) for shares of Common Stock of the Company. These shares will be valued as of the date this notice is received by the Company.
[Requires Company consent.]

AGREEMENTS, REPRESENTATIONS AND ACKNOWLEDGMENTS OF OPTIONEE: By signing this Stock Option Exercise Notice and Agreement, Optionee hereby agrees with, and represents to, the Company as follows:

- Terms Governing.** I acknowledge and agree with the Company that I am acquiring the Purchased Shares by exercise of this Option subject to all other terms and conditions of the Notice of Stock Option Grant and the Stock Option Agreement that govern the Option, including without limitation the terms of the Company’s 2015 Equity Incentive Plan, as it may be amended (the “**Plan**”).
- Investment Intent; Securities Law Restrictions.** I represent and warrant to the Company that I am acquiring and will hold the Purchased Shares for investment for my account only, and not with a view to, or for resale in connection with, any “distribution” of the Purchased Shares within the meaning of the Securities Act of 1933, as amended (the “**Securities Act**”). I understand that the Purchased Shares have not been registered under the Securities Act by reason of a specific exemption from such registration requirement and that the Purchased Shares must be held by me indefinitely, unless they are subsequently registered under the Securities Act or I obtain an opinion of counsel (in form and substance satisfactory to the Company and its counsel) that registration is not required. I acknowledge that the Company is under no obligation to register the Purchased Shares under the Securities Act or under any other securities law.

3. **Restrictions on Transfer: Rule 144.** I will not sell, transfer or otherwise dispose of the Purchased Shares in violation of the Securities Act, the Securities Exchange Act of 1934, or the rules promulgated thereunder (including Rule 144 under the Securities Act described below “Rule 144”)) or of any other applicable securities laws. I am aware of Rule 144, which permits limited public resales of securities acquired in a non-public offering, subject to satisfaction of certain conditions, which include (without limitation) that: (a) certain current public information about the Company is available; (b) the resale occurs only after the holding period required by Rule 144 has been met; (c) the sale occurs through an unsolicited “broker’s transaction;” and (d) the amount of securities being sold during any three-month period does not exceed specified limitations. I understand that the conditions for resale set forth in Rule 144 have not been satisfied and that the Company has no plans to satisfy these conditions in the foreseeable future.
4. **Access to Information; Understanding of Risk in Investment.** I acknowledge that I have received and had access to such information as I consider necessary or appropriate for deciding whether to invest in the Purchased Shares and that I had an opportunity to ask questions and receive answers from the Company regarding the terms and conditions of the issuance of the Purchased Shares. I am aware that my investment in the Company is a speculative investment that has limited liquidity and is subject to the risk of complete loss. I am able, without impairing my financial condition, to hold the Purchased Shares for an indefinite period and to suffer a complete loss of my investment in the Purchased Shares.
5. **Rights of First Refusal; Repurchase Options; Market Stand-off.** I acknowledge that the Purchased Shares remain subject to the Company’s Right of First Refusal, the Company’s Repurchase Option (with respect to unvested Purchased Shares) and the market stand-off covenants (sometimes referred to as the “lock-up”), all in accordance with the applicable Notice of Stock Option Grant and the Stock Option Agreement that govern the Option
6. **Form of Ownership.** I acknowledge that the Company has encouraged me to consult my own adviser to determine the form of ownership of the Purchased Shares that is appropriate for me. In the event that I choose to transfer my Purchased Shares to a trust, I agree to sign a Stock Transfer Agreement. In the event that I choose to transfer my Purchased Shares to a trust that is not an eligible revocable trust, I also acknowledge that the transfer will be treated as a “disposition” for tax purposes. As a result, the favorable ISO tax treatment will be unavailable and other unfavorable tax consequences may occur.
7. **Investigation of Tax Consequences.** I acknowledge that the Company has encouraged me to consult my own adviser to determine the tax consequences of acquiring the Purchased Shares at this time.
8. **Other Tax Matters.** I agree that the Company does not have a duty to design or administer the Plan or its other compensation programs in a manner that minimizes my tax liabilities. I will not make any claim against the Company or its Board, officers or employees related to tax liabilities arising from my options or my other compensation. In particular, I acknowledge that my options (including the Option) are exempt from Section 409A of the Internal Revenue Code only if the exercise price per share is at least equal to the fair market value per share of the Common Stock at the time the option was granted by the Board. Since shares of the Common Stock are not traded on an established securities market, the determination of their fair market value was made by the Board and/or by an independent valuation firm retained by the Company. I acknowledge that there is no guarantee in either case that the Internal Revenue Service will agree with the valuation, and I will not make any claim against the Company or its Board of Directors, officers or employees in the event that the Internal Revenue Service asserts that the valuation was too low.
9. **Spouse Consent.** I agree to seek the consent of my spouse to the extent required by the Company to enforce the foregoing.
10. **Tax Withholding.** As a condition of exercising this Option, I agree to make adequate provision for foreign, federal, state or other tax withholding obligations, if any, which arise upon the grant, vesting or exercise of this Option, or disposition of the Purchased Shares, whether by withholding, direct payment to the Company, or otherwise.

IMPORTANT NOTE: UNVESTED PURCHASED SHARES ARE SUBJECT TO REPURCHASE BY THE COMPANY. PLEASE CONSULT WITH YOUR TAX ADVISER CONCERNING THE ADVISABILITY OF FILING AN 83(b) ELECTION WITH THE INTERNAL REVENUE SERVICE WHICH MUST BE FILED WITHIN THIRTY (30) DAYS AFTER THE PURCHASE OF SHARES TO BE EFFECTIVE.

A form of Election under Section 83(b) is attached hereto as Exhibit 1 for reference. Unless an 83(b) election is timely filed with the Internal Revenue Service (and, if necessary, the proper state taxing authorities), electing pursuant to Section 83(b) of the Internal Revenue Code (and similar state tax provisions, if applicable) to be taxed currently on any difference between the purchase price of the Unvested Purchased Shares and their fair market value on the date of purchase, there may be a recognition of taxable income (including, where applicable, alternative minimum taxable income) to you, measured by the excess, if any, of the Fair Market Value of the Unvested Purchased Shares at the time they cease to be Unvested Purchased Shares, over the purchase price of the Unvested Purchased Shares.

The undersigned hereby executes and delivers this Stock Option Exercise Notice and Agreement and agrees to be bound by its terms

SIGNATURE:

DATE:

Optionee's Name:

Attachments:

Exhibit 1 – Section 83(b) Election Form

[Signature Page to Stock Option Exercise Notice and Agreement]

EXHIBIT 1

SECTION 83(b) ELECTION

**ELECTION UNDER SECTION 83(b) OF THE
INTERNAL REVENUE CODE**

The undersigned Taxpayer hereby elects, pursuant to Section 83(b) of the Internal Revenue Code of 1986, as amended, to include the excess, if any, of the fair market value of the property described below at the time of transfer over the amount paid for such property, as compensation for services in the calculation of: (1) regular gross income; (2) alternative minimum taxable income; or (3) disqualifying disposition gross income, as the case may be.

1. TAXPAYER'S NAME: _____
TAXPAYER'S ADDRESS: _____

SOCIAL SECURITY
NUMBER: _____
2. The property with respect to which the election is made is described as follows: shares of Common Stock, par value \$0.001 per share, of Aeglea BioTherapeutics, Inc., a Delaware corporation (the "***Company***"), which were transferred upon exercise of an option by the Company, which is Taxpayer's employer or the corporation for whom the Taxpayer performs services.
3. The date on which the shares were transferred was pursuant to the exercise of the option was , and this election is made for calendar year .
4. The shares are subject to the following restrictions: The Company may repurchase all or a portion of the shares at the Taxpayer's original purchase price under certain conditions at the time of Taxpayer's termination of employment or services.
5. The fair market value of the shares (without regard to restrictions other than restrictions which by their terms will never lapse) was \$ per share x shares = \$ at the time of exercise of the option.
6. The amount paid for such shares upon exercise of the option was \$ per share x shares = \$.
7. The Taxpayer has submitted a copy of this statement to the Company.
8. The amount to include in gross income is \$. [The result of the amount reported in Item 5 minus the amount reported in Item 6.]

*THIS ELECTION MUST BE FILED WITH THE INTERNAL REVENUE SERVICE ("***IRS***"), AT THE OFFICE WHERE THE TAXPAYER FILES ANNUAL INCOME TAX RETURNS, WITHIN 30 DAYS AFTER THE DATE OF TRANSFER OF THE SHARES, AND MUST ALSO BE FILED WITH THE TAXPAYER'S INCOME TAX RETURNS FOR THE CALENDAR YEAR. THE ELECTION CANNOT BE REVOKED WITHOUT THE CONSENT OF THE IRS.*

Dated:

Taxpayer's Signature

AEGLEA BIOTHERAPEUTICS, INC.

2015 EQUITY INCENTIVE PLAN

RESTRICTED STOCK PURCHASE AGREEMENT

This Restricted Stock Purchase Agreement (the “**Agreement**”) is made and entered into as of (the “**Effective Date**”) by and between Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), and (“**Purchaser**”). Capitalized terms not defined herein shall have the meanings ascribed to them in the Company’s 2015 Equity Incentive Plan, as may be amended from time to time (the “**Plan**”).

1. PURCHASE OF SHARES.

1.1 Agreement to Purchase and Sell Shares. On the Effective Date and subject to the terms and conditions of this Agreement and the Plan, Purchaser hereby purchases from the Company, and the Company hereby sells to Purchaser, () shares of the Company’s Common Stock (the “**Shares**”), at the price of (\$) per share (the “**Purchase Price Per Share**”) for a Total Purchase Price of (\$) (the “**Purchase Price**”). As used in this Agreement, the term “**Shares**” includes the Shares purchased under this Agreement and all securities received (a) in replacement of the Shares, (b) as a result of stock dividends or stock splits with respect to the Shares, and (c) in replacement of the Shares in a merger, recapitalization, reorganization or similar corporate transaction.

1.2 Payment. Purchaser hereby delivers payment of the Purchase Price as follows (check and complete as appropriate):

- ☐ in cash (by check) in the amount of \$, receipt of which is acknowledged by the Company.
- ☐ by cancellation of indebtedness of the Company owed to Purchaser in the amount of \$.
- ☐ by the waiver hereby of compensation due or accrued for services rendered in the amount of \$.
- ☐ by delivery of fully-paid, nonassessable and vested shares of the Common Stock of the Company owned by Purchaser free and clear of all liens, claims, encumbrances or security interests, valued at the current Fair Market Value of \$ per share (a) for which the Company has received “full payment of the purchase price” within the meaning of SEC Rule 144, (if purchased by use of a promissory note, such note has been fully paid with respect to such vested shares), or (b) that were obtained by Purchaser in the open public market.

2. DELIVERIES.

2.1 Deliveries by the Purchaser. Purchaser hereby delivers to the Company at its principal executive offices: (a) this completed and signed Agreement, and (b) the Purchase Price, paid by delivery of the form of payment specified in Section 1.2.

2.2 Deliveries by the Company. Upon its receipt of the Purchase Price, payment or other provision for any applicable tax obligations, if any, and all the documents to be executed and delivered by Purchaser to the Company as provided herein, the Company will issue a duly executed stock certificate evidencing the Shares in the name of Purchaser with the appropriate legends affixed thereto, to be placed in escrow as provided in Section 7.2 to secure performance of Purchaser’s obligations under Sections 5 and 6 until expiration or termination of the Company’s Repurchase Option and Refusal Right (as such terms are defined in Sections 5 and 6, respectively).

3. REPRESENTATIONS AND WARRANTIES OF PURCHASER. Purchaser represents and warrants to the Company as follows.

3.1 Agrees to Terms of the Plan. Purchaser has received a copy of the Plan, has read and understands the terms of the Plan and this Agreement, and agrees to be bound by their terms and conditions.

3.2 Acknowledgment of Tax Risks. Purchaser acknowledges that there may be adverse tax consequences upon the purchase and the disposition of the Shares, and that Purchaser has been advised by the Company to consult a tax adviser prior to such purchase or disposition. Purchaser further acknowledges that Purchaser is not relying on the Company or its counsel for tax advice regarding Purchaser's purchase or disposition of the Shares or the tax consequences to Purchaser of this Agreement.

3.3 Shares Not Registered or Qualified. Purchaser understands and acknowledges that the Shares have not been registered with the SEC under the Securities Act, or with any securities regulatory agency administering any state securities laws, and that, notwithstanding any other provision of this Agreement to the contrary, the purchase of any Shares is expressly conditioned upon compliance with the Securities Act and all applicable state securities laws. Purchaser agrees to cooperate with the Company to ensure compliance with such laws.

3.4 No Transfer Unless Registered or Exempt; Contractual Restrictions on Transfers. Purchaser understands that Purchaser may not transfer any Shares unless such Shares are registered under the Securities Act or qualified under applicable state securities laws or unless, in the opinion of counsel to the Company, exemptions from such registration and qualification requirements are available. Purchaser understands that only the Company may file a registration statement with the SEC and that the Company is under no obligation to do so with respect to the Shares. Purchaser has also been advised that exemptions from registration and qualification may not be available or may not permit Purchaser to transfer all or any of the Shares in the amounts or at the times proposed by Purchaser. Purchaser further acknowledges that this Agreement imposes additional restrictions on transfer of the Shares.

3.5 SEC Rule 701. Shares that are issued pursuant to SEC Rule 701 promulgated under the Securities Act may become freely tradable by non-affiliates (under limited conditions regarding the method of sale) ninety (90) days after the first sale of Common Stock of the Company to the general public pursuant to a registration statement filed with and declared effective by the SEC, subject to the lengthier market standoff agreement contained in Section 4 of this Agreement or any other agreement entered into by Purchaser. Affiliates must comply with the provisions (other than the holding period requirements) of Rule 144 which permits certain limited sales of unregistered securities. Rule 144 is not presently available with respect to the Shares and, in any event, requires that the Shares be held for a minimum of six (6) months, and in certain cases one (1) year, after they have been purchased and paid for (within the meaning of Rule 144). Purchaser understands that use of a promissory note as payment for the Shares may not be deemed to be "full payment of the purchase price" within the meaning of Rule 144 unless certain conditions are met and that, accordingly, the Rule 144 holding period of such Shares may not begin to run until such Shares are fully paid for within the meaning of Rule 144. Purchaser understands that Rule 144 may indefinitely restrict transfer of the Shares so long as Purchaser remains an "affiliate" of the Company or if "current public information" about the Company (as defined in Rule 144) is not publicly available.

3.6 Access to Information. Purchaser has had access to all information regarding the Company and its present and prospective business, assets, liabilities and financial condition that Purchaser reasonably considers important in making the decision to purchase the Shares, and Purchaser has had ample opportunity to ask questions of the Company's representatives concerning such matters and this investment.

3.7 Understanding of Risks. Purchaser is fully aware of: (a) the highly speculative nature of the investment in the Shares; (b) the financial hazards involved; (c) the lack of liquidity of the Shares and the restrictions on transferability of the Shares (e.g., that Purchaser may not be able to sell or dispose of the Shares or use them as collateral for loans); (d) the qualifications and backgrounds of the management of the Company; and (e) the tax consequences of investment in, and disposition of, the Shares.

3.8 Purchase for Own Account for Investment. Purchaser is purchasing the Shares for Purchaser's own account for investment purposes only and not with a view to, or for sale in connection with, a distribution of the Shares within the meaning of the Securities Act. Purchaser has no present intention of selling or otherwise disposing of all or any portion of the Shares and no one other than Purchaser has any beneficial ownership of any of the Shares.

3.9 No General Solicitation. At no time was Purchaser presented with or solicited by any publicly issued or circulated newspaper, mail, radio, television or other form of general advertising or solicitation in connection with the offer, sale and purchase of the Shares.

3.10 SEC Rule 144. Purchaser has been advised that SEC Rule 144 promulgated under the Securities Act, which permits certain limited sales of unregistered securities, is not presently available with respect to the Shares and, in any event, requires that the Shares be held for a minimum of six (6) months, and in certain cases one (1) year, after they have been purchased and paid for (within the meaning of Rule 144), subject to the lengthier market standoff agreement contained in Section 4 of this Agreement or any other agreement entered into by Purchaser. Purchaser understands that Rule 144 may indefinitely restrict transfer of the Shares so long as Purchaser remains an “affiliate” of the Company or if “current public information” about the Company (as defined in Rule 144) is not publicly available.

4. MARKET STANDOFF AGREEMENT. Subject to the provisions of this Section, Purchaser agrees in connection with any registration of the Company’s securities under the Securities Act or other registered public offering that, Purchaser will not sell or otherwise dispose of any Shares without the prior written consent of the Company or such managing underwriters, as the case may be, for a period of time (not to exceed one hundred eighty (180) days) after the effective date of such registration requested by such managing underwriters and subject to all restrictions as the Company or the managing underwriters may specify for employee-stockholders generally; provided however, that if during the last seventeen (17) days of the restricted period the Company issues an earnings release or material news, or a material event relating to the Company occurs, or prior to the expiration of the restricted period the Company announces that it will release earnings results during the sixteen (16)-day period beginning on the last day of the restricted period, then, if required by the underwriters or the Company, for so long as, and to the extent that, Rule 2711 or any successor rule of the Financial Industry Regulatory Authority applies, the restrictions imposed by this Section 4 shall continue to apply until the expiration of the 18-day period beginning on the issuance of the earnings release or the occurrence of the material news or material event. The restricted period shall in any event terminate two (2) years after the closing date of the Company’s initial public offering. For purposes of this Section 4, the term “Company” shall include any wholly-owned subsidiary of the Company into which the Company merges or consolidates. In order to enforce the foregoing covenant, the Company shall have the right to place restrictive legends on the certificates representing the shares subject to this Section and to impose stop transfer instructions with respect to the Shares until the end of such period. Purchaser further agrees that the underwriters of any such registered public offering shall be third party beneficiaries of this Section 4 and agrees to enter into any agreement reasonably required by the underwriters to implement the foregoing. Notwithstanding anything in this Section to the contrary, for the avoidance of doubt, the foregoing provisions of this Section shall not apply to any registration of securities of the Company (a) under an employee benefit plan or (b) in a merger, consolidation, business combination or similar transaction.

5. COMPANY’S REPURCHASE OPTION FOR UNVESTED SHARES. The Company, or (subject to Section 5.6) its assignee, shall have the option to repurchase all or a portion of the Purchaser’s Shares that are Unvested Shares (as defined below) on the Termination Date on the terms and conditions set forth in this Section (the “**Repurchase Option**”) if Purchaser is Terminated (as defined in the Plan) for any reason, or no reason, including without limitation, Purchaser’s death, Disability (as defined in the Plan), voluntary resignation or termination by the Company with or without Cause.

5.1 Termination and Termination Date. In case of any dispute as to whether Purchaser is Terminated, the Committee shall have discretion to determine in good faith whether Purchaser has been Terminated and the effective date of such Termination (the “**Termination Date**”).

5.2 Vested and Unvested Shares. Shares that are vested pursuant to the schedule set forth in this Section 5.2 are “**Vested Shares**.” Shares that are not vested pursuant to such schedule are “**Unvested Shares**.” On the Effective Date, of the Shares will be Unvested Shares (the “**Initial Unvested Shares**”). Provided Purchaser continues to provide services to the Company or any Subsidiary or Parent of the Company at all times from the Effective Date until (the “**First Vesting Date**”), then on the First Vesting Date one-fourth (1/4th) of the Initial Unvested Shares will become Vested Shares, and on the same day of each succeeding calendar month thereafter (or if there is no such day in any month, then the last day of such calendar month), an additional one forty-eighth 1/48th of the Initial Unvested Shares shall vest until the earliest to occur of (a) the date all of the Shares are Vested Shares, (b) the Termination Date or (c) the date vesting otherwise terminates pursuant to this Agreement or the Plan. No fractional Shares shall be issued. No Shares will become Vested Shares after the Termination Date. The number of the Shares that are Vested Shares or Unvested Shares will be proportionally adjusted to reflect any stock split, reverse stock split or similar change in the capital structure of the Company as set forth in Section 2.2 of the Plan occurring after the Effective Date.

5.3 Exercise of Repurchase Option. At any time within ninety (90) days after the Purchaser's Termination Date, the Company, or its assignee, may, at its option, elect to repurchase any or all the Purchaser's Shares that are Unvested Shares on the Termination Date by giving Purchaser written notice of exercise of the Repurchase Option, specifying the number of Unvested Shares to be repurchased. Such Unvested Shares shall be repurchased at the Purchase Price Per Share, proportionately adjusted for any stock split, reverse stock split or similar change in the capital structure of the Company as set forth in Section 2.2 of the Plan occurring after the Effective Date (the "**Repurchase Price**"). The Repurchase Price shall be payable, at the option of the Company or its assignee, by check or by cancellation of all or a portion of any outstanding indebtedness owed by Purchaser to the Company and/or such assignee, or by any combination thereof. The Repurchase Price shall be paid without interest within the term of the Repurchase Option as described in the first sentence of this Section 5.3. The Company may, at its option, decline to exercise its Repurchase Option or may exercise its Repurchase Option only with respect to a portion of the Unvested Shares.

5.4 Right of Termination Unaffected. Nothing in this Agreement shall be construed to limit or otherwise affect in any manner whatsoever the right or power of the Company (or any Parent or Subsidiary of the Company) to terminate Purchaser's employment or other relationship with Company (or the Parent or Subsidiary of the Company) at any time, for any reason or no reason, with or without Cause.

5.5 Additional or Exchanged Securities and Property. Subject to the provisions of Section 5.2 above, in the event of a merger or consolidation of the Company with or into another entity, any other corporate reorganization, a stock split, the declaration of a stock dividend, the declaration of an extraordinary dividend payable in a form other than stock, a spin-off, a recapitalization or a similar transaction affecting the Company's outstanding securities, any securities or other property (including cash or cash equivalents) that are by reason of such transaction exchanged for, or distributed or issued with respect to, any Unvested Shares shall immediately be subject to the Repurchase Option. Appropriate adjustments shall be made to the price per share to be paid for Unvested Shares upon the exercise of the Repurchase Option (by allocating such price among the Unvested Shares and such other securities or property), provided that the aggregate purchase price payable for the Unvested Shares and all such other securities and property shall remain the same price that was original payable under the Repurchase Option to repurchase such Unvested Shares. Subject to the provisions of Section 5.2 above, in the event of a merger or consolidation of the Company with or into another entity or any other corporate reorganization, the Repurchase Option may be exercised by the Company's successor.

5.6 Assignment of Repurchase Right. The Company may freely assign the Company's Repurchase Option, in whole or in part, provided that any person who accepts an assignment of the Repurchase Option from the Company shall assume all of the Company's rights and obligations with respect to the Repurchase Option (to the extent so assigned) under this Agreement.

6. COMPANY'S REFUSAL RIGHT. Unvested Shares shall be subject to the restrictions on transfer and the granting of encumbrances thereon as provided in Section 7 hereof. Before any Vested Shares (as defined in Section 5 hereof) held by Purchaser or any transferee of such Vested Shares (either sometimes referred to herein as the "**Holder**") may be sold or otherwise transferred (including, without limitation, a transfer by gift or operation of law), the Company and/or its assignee(s) will have a right of first refusal to purchase the Vested Shares to be sold or transferred (the "**Offered Shares**") on the terms and conditions set forth in this Section (the "**Refusal Right**").

6.1 Notice of Proposed Transfer. The Holder of the Offered Shares will deliver to the Company a written notice (the "**Notice**") stating: (a) the Holder's bona fide intention to sell or otherwise transfer the Offered Shares; (b) the name and address of each proposed purchaser or other transferee of Offered Shares ("**Proposed Transferee**"); (c) the number of Offered Shares to be transferred to each Proposed Transferee; (d) the bona fide cash price or other consideration for which the Holder proposes to transfer the Offered Shares to each Proposed Transferee (the "**Offered Price**"); and (e) that the Holder acknowledges this Notice is an offer to sell the Offered Shares to the Company and/or its assignee(s) pursuant to the Company's Refusal Right at the Offered Price as provided for in this Agreement.

6.2 Exercise of Refusal Right. At any time within thirty (30) days after the date the Notice is effective pursuant to Section 9.2, the Company and/or its assignee(s) may, by giving written notice to the Holder, elect to purchase all (or, with the consent of the Holder, less than all) the Offered Shares proposed to be transferred to any one or more of the Proposed Transferees named in the Notice, at the purchase price, determined as provided in Section 6.3 below.

6.3 Purchase Price. The purchase price for the Offered Shares purchased under this Section will be the Offered Price, *provided* that if the Offered Price consists of no legal consideration (as, for example, in the case of a transfer by gift), then the purchase price will be the fair market value of the Offered Shares as determined in good faith by the Company's Board of Directors. If the Offered Price includes consideration other than cash, then the value of the non-cash consideration, as determined in good faith by the Company's Board of Directors, will conclusively be deemed to be the cash equivalent value of such non-cash consideration.

6.4 Payment. The purchase price for the Offered Shares will be paid, at the option of the Company and/or its assignee(s) (as applicable), by check or by cancellation of all or a portion of any outstanding indebtedness owed by the Holder to the Company (or to such assignee, in the case of a purchase of Offered Shares by such assignee) or by any combination thereof. The purchase price will be paid without interest within sixty (60) days after the Company's receipt of the Notice, or, at the option of the Company and/or its assignee(s), in the manner and at the time(s) set forth in the Notice.

6.5 Holder's Right to Transfer. If all of the Offered Shares proposed in the Notice to be transferred to a given Proposed Transferee are not purchased by the Company and/or its assignee(s) as provided in this Section, then the Holder may sell or otherwise transfer such Offered Shares to such Proposed Transferee at the Offered Price or at a higher price, *provided* that (a) such sale or other transfer is consummated within one hundred twenty (120) days after the date the Notice is effective pursuant to Section 9.2, (b) any such sale or other transfer is effected in compliance with all applicable securities laws, and (c) such Proposed Transferee agrees in writing that the provisions of this Section will continue to apply to the Offered Shares in the hands of such Proposed Transferee. If the Offered Shares described in the Notice are not transferred to such Proposed Transferee within such one hundred twenty (120) day period, then a new Notice must be given to the Company pursuant to which the Company will again be offered the Refusal Right before any Shares held by the Holder may be sold or otherwise transferred.

6.6 Exempt Transfers. Notwithstanding the foregoing, the following transfers of Vested Shares will be exempt from the Refusal Right: (a) the transfer of any or all of the Vested Shares during Purchaser's lifetime by gift or on Purchaser's death by will or intestacy to Purchaser's "Immediate Family" (as defined below) or to a trust for the benefit of Purchaser or Purchaser's Immediate Family, *provided* that each transferee agrees in a writing satisfactory to the Company that the provisions of this Section will continue to apply to the transferred Vested Shares in the hands of such transferee; (b) any transfer of Vested Shares made pursuant to a statutory merger or statutory consolidation of the Company with or into another entity or entities (except that, subject to Section 6.7, unless the agreement of merger or consolidation expressly otherwise provides, the Refusal Right will continue to apply thereafter to such Vested Shares, in which case the surviving entity of such merger or consolidation shall succeed to the rights of the Company under this Section); or (c) any transfer of Vested Shares pursuant to the winding up and dissolution of the Company. As used herein, the term "**Immediate Family**" will mean Purchaser's spouse, the lineal descendant or antecedent, father, mother, brother or sister, child, adopted child, grandchild or adopted grandchild of Purchaser or Purchaser's spouse, or the spouse of any of the above or Spousal Equivalent, as defined herein. As used herein, a person is deemed to be a "**Spousal Equivalent**" provided the following circumstances are true: (i) irrespective of whether or not the Purchaser and the Spousal Equivalent are the same sex, they are the sole spousal equivalent of the other for the last twelve (12) months, (ii) they intend to remain so indefinitely, (iii) neither are married to anyone else, (iv) both are at least 18 years of age and mentally competent to consent to contract, (v) they are not related by blood to a degree of closeness that which would prohibit legal marriage in the state in which they legally reside, (vi) they are jointly responsible for each other's common welfare and financial obligations, and (vii) they reside together in the same residence for the last twelve (12) months and intend to do so indefinitely.

6.7 Termination of Refusal Right. The Refusal Right will terminate as to all Shares: (a) on the effective date of the first sale of Common Stock of the Company to the public pursuant to a registration statement filed with and declared effective by the SEC under the Securities Act or, if expressly approved by the Board as terminating the Refusal Right, under the laws of any other country having substantially the same effect (other than a registration statement

relating solely to the issuance of Common Stock pursuant to a business combination or an employee incentive or benefit plan) or (b) on any transfer or conversion of Shares made pursuant to a statutory merger or statutory consolidation of the Company with or into another entity or entities if the common stock of the surviving entity or any direct or indirect parent entity thereof is registered under the Securities Exchange Act of 1934, as amended.

7. ADDITIONAL RESTRICTIONS UPON SHARE OWNERSHIP OR TRANSFER.

7.1 Rights as a Stockholder. Subject to the terms and conditions of this Agreement, Purchaser will have all of the rights of a Stockholder of the Company with respect to the Shares from and after the date that Shares are issued to Purchaser until such time as Purchaser disposes of the Shares or the Company and/or its assignee(s) exercise(s) the Refusal Right or the Repurchase Option. Upon an exercise of the Refusal Right or the Repurchase Option, Purchaser will have no further rights as a holder of the Shares so purchased upon such exercise, other than the right to receive payment for the Shares so purchased in accordance with the provisions of this Agreement, and Purchaser will promptly surrender the stock certificate(s) evidencing the Shares so purchased to the Company for transfer or cancellation.

7.2 Escrow. As security for Purchaser's faithful performance of this Agreement, Purchaser agrees, immediately upon receipt of the stock certificate(s) evidencing the Shares, to deliver such certificate(s) to the Secretary of the Company or other designee of the Company (the "**Escrow Holder**"), who is hereby appointed to hold such certificate(s) in escrow and to take all such actions and to effectuate all such transfers and/or releases of such Shares as are in accordance with the terms of this Agreement. Purchaser and the Company agree that Escrow Holder will not be liable to any party to this Agreement (or to any other person or entity) for any actions or omissions unless Escrow Holder is grossly negligent or intentionally fraudulent in carrying out the duties of Escrow Holder under this Agreement. Escrow Holder may rely upon any letter, notice or other document executed with any signature purported to be genuine and may rely on the advice of counsel and obey any order of any court with respect to the transactions contemplated by this Agreement. The Shares will be released from escrow upon termination of both the Refusal Right and the Repurchase Option.

7.3 Encumbrances on Shares. Without the Company's prior written consent given with the approval of the Company's Board of Directors, Purchaser may not grant a lien or security interest in, or pledge, hypothecate or encumber, any Unvested Shares.

7.4 Restrictions on Transfers. Unvested Shares may not be sold or otherwise transferred by Purchaser without the Company's prior written consent. Purchaser hereby agrees that Purchaser shall make no disposition of the Shares (other than as permitted by this Agreement) unless and until:

(a) Purchaser shall have notified the Company of the proposed disposition and provided a written summary of the terms and conditions of the proposed disposition;

(b) Purchaser shall have complied with all requirements of this Agreement applicable to the disposition of the Shares, including but not limited to the Refusal Right, the Market Standoff and the Repurchase Option; and

(c) Purchaser shall have provided the Company with written assurances, in form and substance satisfactory to counsel for the Company, that (i) the proposed disposition does not require registration of the Shares under the Securities Act or under any state securities laws, and (ii) all appropriate actions necessary for compliance with the registration and qualification requirements of the Securities Act and any state securities laws, or of any exemption from registration or qualification, available thereunder (including Rule 144) have been taken.

Each person (other than the Company) to whom the Shares are transferred by means of one of the permitted transfers specified in this Agreement must, as a condition precedent to the validity of such transfer, acknowledge in writing to the Company that such person is bound by the provisions of this Agreement and that the transferred Shares are subject to the Company's Refusal Right or the Repurchase Option granted hereunder and the market stand-off provisions of Section 4 hereof, to the same extent such Shares would be so subject if retained by the Purchaser.

7.5 Restrictive Legends and Stop-transfer Orders. Purchaser understands and agrees that the Company will place the legends set forth below or similar legends on any stock certificate(s) evidencing the Shares, together with any other legends that may be required by applicable laws, the Company's Certificate of Incorporation or Bylaws, any other agreement between Purchaser and the Company or any agreement between Purchaser and any third party:

THE SECURITIES REPRESENTED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), OR UNDER THE SECURITIES LAWS OF CERTAIN STATES. THESE SECURITIES ARE SUBJECT TO RESTRICTIONS ON TRANSFERABILITY AND RESALE AND MAY NOT BE TRANSFERRED OR RESOLD EXCEPT AS PERMITTED UNDER THE SECURITIES ACT AND APPLICABLE STATE SECURITIES LAWS, PURSUANT TO REGISTRATION OR EXEMPTION THEREFROM. INVESTORS SHOULD BE AWARE THAT THEY MAY BE REQUIRED TO BEAR THE FINANCIAL RISKS OF THIS INVESTMENT FOR AN INDEFINITE PERIOD OF TIME. THE ISSUER OF THESE SECURITIES MAY REQUIRE AN OPINION OF COUNSEL IN FORM AND SUBSTANCE SATISFACTORY TO THE ISSUER TO THE EFFECT THAT ANY PROPOSED TRANSFER OR RESALE IS IN COMPLIANCE WITH THE SECURITIES ACT AND ANY APPLICABLE STATE SECURITIES LAWS.

THE SHARES REPRESENTED BY THIS CERTIFICATE ARE SUBJECT TO CERTAIN RESTRICTIONS ON PUBLIC RESALE AND TRANSFER, INCLUDING THE RIGHT OF FIRST REFUSAL AND THE REPURCHASE OPTION HELD BY THE ISSUER AND/OR ITS ASSIGNEE(S), AND A MARKET STANDOFF AGREEMENT, AS SET FORTH IN A RESTRICTED STOCK PURCHASE AGREEMENT BETWEEN THE ISSUER AND THE ORIGINAL HOLDER OF THESE SHARES, A COPY OF WHICH MAY BE OBTAINED AT THE PRINCIPAL OFFICE OF THE ISSUER. SUCH PUBLIC SALE AND TRANSFER RESTRICTIONS INCLUDING THE RIGHT OF FIRST REFUSAL, THE REPURCHASE OPTION AND THE MARKET STANDOFF ARE BINDING ON TRANSFEREES OF THESE SHARES.

Purchaser also agrees that, to ensure compliance with the restrictions imposed by this Agreement, the Company may issue appropriate "stop-transfer" instructions to its transfer agent, if any, and if the Company transfers its own securities, it may make appropriate notations to the same effect in its own records. The Company will not be required (a) to transfer on its books any Shares that have been sold or otherwise transferred in violation of any of the provisions of this Agreement or (b) to treat as owner of such Shares, or to accord the right to vote or pay dividends to any purchaser or other transferee to whom such Shares have been so transferred.

8. TAX CONSEQUENCES. *PURCHASER UNDERSTANDS THAT PURCHASER MAY SUFFER ADVERSE TAX CONSEQUENCES AS A RESULT OF PURCHASER'S PURCHASE OR DISPOSITION OF THE SHARES. PURCHASER REPRESENTS (a) THAT PURCHASER HAS CONSULTED WITH ANY TAX ADVISER THAT PURCHASER DEEMS ADVISABLE IN CONNECTION WITH THE PURCHASE OR DISPOSITION OF THE SHARES AND (b) THAT PURCHASER IS NOT RELYING ON THE COMPANY FOR ANY TAX ADVICE.* Purchaser hereby acknowledges that Purchaser has been informed that, with respect to Unvested Shares, unless an election is filed by Purchaser with the Internal Revenue Service (and, if necessary, the proper state taxing authorities) within 30 days after the purchase of the Shares electing, pursuant to Section 83(b) of the Internal Revenue Code (and similar state tax provisions, if applicable), to be taxed currently on any difference between the Purchase Price of the Unvested Shares and their Fair Market Value on the date of purchase, there will be a recognition of taxable income to Purchaser, measured by the excess, if any, of the Fair Market Value of the Unvested Shares, at the time they cease to be Unvested Shares, over the Purchase Price for such Shares. Purchaser represents that Purchaser has consulted any tax advisers Purchaser deems advisable in connection with Purchaser's purchase of the Shares and the filing of the election under Section 83(b) and similar tax provisions. A form of Election under Section 83(b) is attached hereto as **Exhibit 1** for reference. *BY PROVIDING THE FORM OF ELECTION, NEITHER THE COMPANY NOR ITS LEGAL COUNSEL IS THEREBY UNDERTAKING TO FILE THE ELECTION FOR PURCHASER, WHICH OBLIGATION TO FILE SHALL REMAIN SOLELY WITH PURCHASER.*

9. GENERAL PROVISIONS.

9.1 Successors and Assigns. The Company may assign any of its rights under this Agreement, including its rights to purchase Shares under the Refusal Right or the Repurchase Option. Neither Purchaser, nor any of Purchaser's successors and assigns, may assign, whether voluntarily or by operation of law, any of its rights and obligations under this Agreement, except with the prior written consent of the Company. This Agreement shall be binding upon and inure to the benefit of the successors and assigns of the Company. Subject to the restrictions on transfer herein set forth, this Agreement will be binding upon Purchaser and Purchaser's heirs, executors, administrators, legal representatives, successors and assigns.

9.2 Notices. Any and all notices required or permitted to be given to a party pursuant to the provisions of this Agreement will be in writing and will be effective and deemed to provide such party sufficient notice under this Agreement on the earliest of the following: (i) at the time of personal delivery, if delivery is in person; (ii) at the time an electronic confirmation of receipt is received, if delivery is by email; (iii) at the time of transmission by facsimile, addressed to the other party at its facsimile number specified herein (or hereafter modified by subsequent notice to the parties hereto), with confirmation of receipt made by both telephone and printed confirmation sheet verifying successful transmission of the facsimile; (iv) one (1) business day after deposit with an express overnight courier for United States deliveries, or two (2) business days after such deposit for deliveries outside of the United States, with proof of delivery from the courier requested; or (v) three (3) business days after deposit in the United States mail by certified mail (return receipt requested) for United States deliveries. Any notice for delivery outside the United States will be sent by email, facsimile or by express courier. Any notice not delivered personally or by email will be sent with postage and/or other charges prepaid and properly addressed to Purchaser at the last known address or facsimile number on the books of the Company, or at such other address or facsimile number as such other party may designate by one of the indicated means of notice herein to the other parties hereto or, in the case of the Company, to it at its principal place of business. Notices to the Company will be marked "Attention: Chief Financial Officer." Notices by facsimile shall be machine verified as received.

9.3 Further Assurances. The parties agree to execute such further documents and instruments and to take such further actions as may be reasonably necessary to carry out the purposes and intent of this Agreement.

9.4 Entire Agreement. The Plan is incorporated herein by reference. The Plan and this Agreement, together with all Exhibits hereto, constitute the entire agreement and understanding of the parties with respect to the subject matter of this Agreement, and supersede all prior understandings and agreements, between the parties hereto with respect to the specific subject matter hereof.

9.5 Severability. If any provision of this Agreement is determined by any court or arbitrator of competent jurisdiction to be invalid, illegal or unenforceable in any respect, such provision will be enforced to the maximum extent possible given the intent of the parties hereto. If such clause or provision cannot be so enforced, such provision shall be stricken from this Agreement and the remainder of this Agreement shall be enforced as if such invalid, illegal or unenforceable clause or provision had (to the extent not enforceable) never been contained in this Agreement. Notwithstanding the forgoing, if the value of this Agreement based upon the substantial benefit of the bargain for any party is materially impaired, which determination as made by the presiding court or arbitrator of competent jurisdiction shall be binding, then both parties agree to substitute such provision(s) through good faith negotiations.

9.6 Execution. This Agreement may be entered into in two or more counterparts, each of which shall be deemed an original and all of which shall constitute one and the same agreement. This Agreement may be executed and delivered by facsimile and, upon such delivery, the facsimile signature will be deemed to have the same effect as if the original signature had been delivered to the other party.

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[Signature page follows]

IN WITNESS WHEREOF, the Company has caused this Restricted Stock Purchase Agreement to be executed by its duly authorized representative, and Purchaser has executed this Restricted Stock Purchase Agreement, as of the date first set forth above.

AEGLEA BIOTHERAPEUTICS, INC.

By: _____

Address: _____

Fax No.: () _____

Exhibit

Exhibit 1:

PURCHASER

Address: _____

-

Fax No.: () _____

Form of Election Pursuant to Section 83(b)

EXHIBIT 1

FORM OF SECTION 83(B) ELECTION

**ELECTION UNDER SECTION 83(b) OF THE
INTERNAL REVENUE CODE**

The undersigned Taxpayer hereby elects, pursuant to Section 83(b) of the Internal Revenue Code of 1986, as amended, to include in gross income for the Taxpayer's current taxable year the excess, if any, of the fair market value of the property described below at the time of transfer over the amount paid for such property, as compensation for services.

1. TAXPAYER'S NAME: _____
TAXPAYER'S ADDRESS: _____
SOCIAL SECURITY NUMBER: _____
TAXABLE YEAR: _____ Calendar Year

2. The property with respect to which the election is made is described as follows: shares of Common Stock, par value \$0.001 per share, of Aeglea BioTherapeutics, Inc., a Delaware corporation (the "**Company**"), which is Taxpayer's employer or the corporation for whom the Taxpayer performs services.

3. The date on which the shares were transferred was , .

4. The shares are subject to the following restrictions: The Company may repurchase all or a portion of the shares at the Taxpayer's original purchase price under certain conditions at the time of Taxpayer's termination of employment or services.

5. The fair market value of the shares at the time of transfer (without regard to restrictions other than a nonlapse restriction as defined in § 1.83-3(h) of the Income Tax Regulations) was \$ per share x shares = \$.

6. The amount paid for such shares was \$ per share x shares = \$.

7. The amount to include in the Taxpayer's gross income for the Taxpayer's current taxable year is \$.

*THIS ELECTION MUST BE FILED WITH THE INTERNAL REVENUE SERVICE ("**IRS**"), AT THE OFFICE WHERE THE TAXPAYER FILES ANNUAL INCOME TAX RETURNS, WITHIN 30 DAYS AFTER THE DATE OF TRANSFER OF THE PROPERTY, AND MUST ALSO BE FILED WITH THE TAXPAYER'S INCOME TAX RETURNS FOR THE CALENDAR YEAR. A COPY OF THE ELECTION HAS ALSO BEEN FURNISHED TO THE COMPANY. THE ELECTION CANNOT BE REVOKED WITHOUT THE CONSENT OF THE IRS.*

Dated:

Taxpayer's Signature

AEGLEA BIOTHERAPEUTICS, INC.

2016 EQUITY INCENTIVE PLAN

(Amended on October 8, 2018)

1. PURPOSE. The purpose of this Plan is to provide incentives to attract, retain and motivate eligible persons whose present and potential contributions are important to the success of the Company, and any Parents, Subsidiaries and Affiliates that exist now or in the future, by offering them an opportunity to participate in the Company's future performance through the grant of Awards. Capitalized terms not defined elsewhere in the text are defined in Section 28.

2. SHARES SUBJECT TO THE PLAN.

2.1. Number of Shares Available. Subject to Sections 2.6 and 21 and any other applicable provisions hereof, the total number of Shares reserved and available for grant and issuance pursuant to this Plan as of the date of adoption of the Plan by the Board, is 4,063,642, plus that number of reserved shares not issued or subject to outstanding grants under the Company's 2015 Equity Incentive Plan (the "**Prior Plan**") on the Effective Date (as defined below), *plus* (a) shares that are subject to stock options or other awards granted under the Prior Plan that cease to be subject to such stock options or other awards by forfeiture or otherwise after the Effective Date, (b) shares issued under the Prior Plan before or after the Effective Date pursuant to the exercise of stock options that are, after the Effective Date, forfeited, (c) shares issued under the Prior Plan that are repurchased by the Company at the original issue price and (d) shares that are subject to stock options or other awards under the Prior Plan that are used to pay the exercise price of an option or withheld to satisfy the tax withholding obligations related to any award.

2.2. Lapsed, Returned Awards. Shares subject to Awards, and Shares issued under the Plan under any Award, will again be available for grant and issuance in connection with subsequent Awards under this Plan to the extent such Shares: (a) are subject to issuance upon exercise of an Option or SAR granted under this Plan but which cease to be subject to the Option or SAR for any reason other than exercise of the Option or SAR; (b) are subject to Awards granted under this Plan that are forfeited or are repurchased by the Company at the original issue price; (c) are subject to Awards granted under this Plan that otherwise terminate without such Shares being issued; or (d) are surrendered pursuant to an Exchange Program. To the extent an Award under the Plan is paid out in cash or other property rather than Shares, such cash payment will not result in reducing the number of Shares available for issuance under the Plan. Shares used to pay the exercise price of an Award or withheld to satisfy the tax withholding obligations related to an Award will become available for future grant or sale under the Plan. For the avoidance of doubt, Shares that otherwise become available for grant and issuance because of the provisions of this Section 2.2 shall not include Shares subject to Awards that initially became available because of the substitution clause in Section 21.2 hereof.

2.3. Minimum Share Reserve. At all times the Company shall reserve and keep available a sufficient number of Shares as shall be required to satisfy the requirements of all outstanding Awards granted under this Plan.

2.4. Automatic Share Reserve Increase. The number of Shares available for grant and issuance under the Plan shall be increased on January 1, of each of 2019 through 2028, by the lesser of (a) four percent (4%) of the number of issued and outstanding Shares on each December 31 immediately prior to the date of increase or (b) such number of Shares determined by the Board.

2.5. Limitations. No more than 8,200,000 Shares shall be issued pursuant to the exercise of ISOs. No Participant will be eligible to receive more than 400,000 Shares in any calendar year under this Plan pursuant to the grant of Awards except that new Employees (including new Employees who are also officers and directors) are eligible to receive up to a maximum of 775,000 Shares in the calendar year in which they commence their employment.

2.6. Adjustment of Shares. If the number of outstanding shares of Common Stock of the Company is changed by a stock dividend, recapitalization, stock split, reverse stock split, subdivision, combination, reclassification or similar change in the capital structure of the Company, without consideration, then (a) the number of Shares reserved for issuance and future grant under the Plan set forth in Section 2.1, including Shares reserved under sub-clauses (a)-(d) of Section 2.1, (b) the Exercise Prices of and number of Shares subject to outstanding Options and SARs, (c) the number of Shares subject to other outstanding Awards, (d) the maximum number of Shares that may be issued as ISOs set forth in Section 2.5, (e) the maximum number of Shares that may be issued to an individual or to a new Employee in any one calendar year set forth in Section 2.5, and (f) the number of Shares that may be granted as Awards to Non-Employee Directors as set forth in Section 12, shall be proportionately adjusted, subject to any required action by the Board or the stockholders of the Company and in compliance with applicable securities laws; provided that fractions of a Share will not be issued.

3. ELIGIBILITY. ISOs may be granted only to Employees. All other Awards may be granted to Employees, Consultants, Directors and Non-Employee Directors; provided such Consultants, Directors and Non-Employee Directors render bona fide services not in connection with the offer and sale of securities in a capital-raising transaction.

4. ADMINISTRATION.

4.1. Committee Composition; Authority. This Plan will be administered by the Committee or by the Board acting as the Committee. Subject to the general purposes, terms and conditions of this Plan, and to the direction of the Board, the Committee will have full power to implement and carry out this Plan, except, however, the Board shall establish the terms for the grant of an Award to Non-Employee Directors. The Committee will have the authority to:

- (a) construe and interpret this Plan, any Award Agreement and any other agreement or document executed pursuant to this Plan;
- (b) prescribe, amend and rescind rules and regulations relating to this Plan or any Award;
- (c) select persons to receive Awards;
- (d) determine the form and terms and conditions, not inconsistent with the terms of the Plan, of any Award granted hereunder. Such terms and conditions include, but are not limited to, the exercise price, the time or times when Awards may vest and be exercised (which may be based on performance criteria) or settled, any vesting acceleration or waiver of forfeiture restrictions, the method to satisfy tax withholding obligations or any other tax liability legally due and any restriction or limitation regarding any Award or the Shares relating thereto, based in each case on such factors as the Committee will determine;
- (e) determine the number of Shares or other consideration subject to Awards;
- (f) determine the Fair Market Value in good faith and interpret the applicable provisions of this Plan and the definition of Fair Market Value in connection with circumstances that impact the Fair Market Value, if necessary;
- (g) determine whether Awards will be granted singly, in combination with, in tandem with, in replacement of, or as alternatives to, other Awards under this Plan or any other incentive or compensation plan of the Company or any Parent, Subsidiary or Affiliate;
- (h) grant waivers of Plan or Award conditions;
- (i) determine the vesting, exercisability and payment of Awards;
- (j) correct any defect, supply any omission or reconcile any inconsistency in this Plan, any Award or any Award Agreement;
- (k) determine whether an Award has been earned;
- (l) determine the terms and conditions of any, and to institute any Exchange Program;

(m) reduce or waive any criteria with respect to Performance Factors;

(n) adjust Performance Factors to take into account changes in law and accounting or tax rules as the Committee deems necessary or appropriate to reflect the impact of extraordinary or unusual items, events or circumstances to avoid windfalls or hardships provided that such adjustments are consistent with the regulations promulgated under Section 162(m) of the Code with respect to persons whose compensation is subject to Section 162(m) of the Code;

(o) adopt rules and/or procedures (including the adoption of any subplan under this Plan) relating to the operation and administration of the Plan to accommodate requirements of local law and procedures outside of the United States;

(p) make all other determinations necessary or advisable for the administration of this Plan;

(q) delegate any of the foregoing to a subcommittee consisting of one or more executive officers pursuant to a specific delegation as permitted by applicable law, including Section 157(c) of the Delaware General Corporation Law; and

(r) to exercise negative discretion on Performance Awards, reducing or eliminating the amount to be paid to Participants.

4.2. Committee Interpretation and Discretion. Any determination made by the Committee with respect to any Award shall be made in its sole discretion at the time of grant of the Award or, unless in contravention of any express term of the Plan or Award, at any later time, and such determination shall be final and binding on the Company and all persons having an interest in any Award under the Plan. Any dispute regarding the interpretation of the Plan or any Award Agreement shall be submitted by the Participant or Company to the Committee for review. The resolution of such a dispute by the Committee shall be final and binding on the Company and the Participant. The Committee may delegate to one or more executive officers the authority to review and resolve disputes with respect to Awards held by Participants who are not Insiders, and such resolution shall be final and binding on the Company and the Participant.

4.3. Section 162(m) of the Code and Section 16 of the Exchange Act. When necessary or desirable for an Award to qualify as “performance-based compensation” under Section 162(m) of the Code, the Committee administering the Plan in accordance with the requirements of Rule 16b-3 and Section 162(m) of the Code shall consist of at least two individuals, each of whom qualifies as (a) a Non-Employee Director under Rule 16b-3, and (b) an “outside director” pursuant to Code Section 162(m) and the regulations issued thereunder. At least two (or a majority if more than two then serve on the Committee) such “outside directors” shall approve the grant of such Award and timely determine (as applicable) the Performance Period and any Performance Factors upon which vesting or settlement of any portion of such Award is to be subject. When required by Section 162(m) of the Code, prior to settlement of any such Award at least two (or a majority if more than two then serve on the Committee) such “outside directors” then serving on the Committee shall determine and certify in writing the extent to which such Performance Factors have been timely achieved and the extent to which the Shares subject to such Award have thereby been earned. Awards granted to Participants who are subject to Section 16 of the Exchange Act must be approved by two or more “non-employee directors” (as defined in the regulations promulgated under Section 16 of the Exchange Act). With respect to Participants whose compensation is subject to Section 162(m) of the Code, and provided that such adjustments are consistent with the regulations promulgated under Section 162(m) of the Code, the Committee may adjust the performance goals to account for changes in law and accounting and to make such adjustments as the Committee deems necessary or appropriate to reflect the impact of extraordinary or unusual items, events or circumstances to avoid windfalls or hardships, including without limitation (a) restructurings, discontinued operations, extraordinary items, and other unusual or non-recurring charges, (b) an event either not directly related to the operations of the Company or not within the reasonable control of the Company’s management, or (c) a change in accounting standards required by generally accepted accounting principles.

4.4. Documentation. The Award Agreement for a given Award, the Plan and any other documents may be delivered to, and accepted by, a Participant or any other person in any manner (including electronic distribution or posting) that meets applicable legal requirements.

4.5. Foreign Award Recipients. Notwithstanding any provision of the Plan to the contrary, in order to comply with the laws in other countries in which the Company and its Subsidiaries and Affiliates operate or have employees or other individuals eligible for Awards, the Committee, in its sole discretion, shall have the power and authority to: (a) determine which Subsidiaries and Affiliates shall be covered by the Plan; (b) determine which individuals outside the United States are eligible to participate in the Plan; (c) modify the terms and conditions of any Award granted to individuals outside the United States to comply with applicable foreign laws; (d) establish subplans and modify exercise procedures and other terms and procedures, to the extent the Committee determines such actions to be necessary or advisable (and such subplans and/or modifications shall be attached to this Plan as appendices); provided, however, that no such subplans and/or modifications shall increase the share limitations contained in Section 2.1 hereof; and (e) take any action, before or after an Award is made, that the Committee determines to be necessary or advisable to obtain approval or comply with any local governmental regulatory exemptions or approvals. Notwithstanding the foregoing, the Committee may not take any actions hereunder, and no Awards shall be granted, that would violate the Exchange Act or any other applicable United States securities law, the Code, or any other applicable United States governing statute or law.

5. OPTIONS. An Option is the right but not the obligation to purchase a Share, subject to certain conditions, if applicable. The Committee may grant Options to eligible Employees, Consultants and Directors and will determine whether such Options will be Incentive Stock Options within the meaning of the Code (“**ISOs**”) or Nonqualified Stock Options (“**NSOs**”), the number of Shares subject to the Option, the Exercise Price of the Option, the period during which the Option may vest and be exercised, and all other terms and conditions of the Option, subject to the following terms of this section.

5.1. Option Grant. Each Option granted under this Plan will identify the Option as an ISO or an NSO. An Option may be, but need not be, awarded upon satisfaction of such Performance Factors during any Performance Period as are set out in advance in the Participant’s individual Award Agreement. If the Option is being earned upon the satisfaction of Performance Factors, then the Committee will: (a) determine the nature, length and starting date of any Performance Period for each Option; and (b) select from among the Performance Factors to be used to measure the performance, if any. Performance Periods may overlap and Participants may participate simultaneously with respect to Options that are subject to different performance goals and other criteria.

5.2. Date of Grant. The date of grant of an Option will be the date on which the Committee makes the determination to grant such Option, or a specified future date. The Award Agreement will be delivered to the Participant within a reasonable time after the granting of the Option.

5.3. Exercise Period. Options may be vested and exercisable within the times or upon the conditions as set forth in the Award Agreement governing such Option; provided, however, that no Option will be exercisable after the expiration of ten (10) years from the date the Option is granted; and provided further that no ISO granted to a person who, at the time the ISO is granted, directly or by attribution owns more than ten percent (10%) of the total combined voting power of all classes of stock of the Company or of any Parent or Subsidiary (“**Ten Percent Stockholder**”) will be exercisable after the expiration of five (5) years from the date the ISO is granted. The Committee also may provide for Options to become exercisable at one time or from time to time, periodically or otherwise, in such number of Shares or percentage of Shares as the Committee determines.

5.4. Exercise Price. The Exercise Price of an Option will be determined by the Committee when the Option is granted; provided that: (a) the Exercise Price of an Option will be not less than one hundred percent (100%) of the Fair Market Value of the Shares on the date of grant and (b) the Exercise Price of any ISO granted to a Ten Percent Stockholder will not be less than one hundred ten percent (110%) of the Fair Market Value of the Shares on the date of grant. Payment for the Shares purchased may be made in accordance with Section 11 and the Award Agreement and in accordance with any procedures established by the Company.

5.5. Method of Exercise. Any Option granted hereunder will be vested and exercisable according to the terms of the Plan and at such times and under such conditions as determined by the Committee and set forth in the Award Agreement. An Option may not be exercised for a fraction of a Share. An Option will be deemed exercised when the Company receives: (a) notice of exercise (in such form as the Committee may specify from time to time) from the person entitled to exercise the Option, and (b) full payment for the Shares with respect to which the Option is exercised (together with applicable withholding taxes). Full payment may consist of any consideration and method

of payment authorized by the Committee and permitted by the Award Agreement and the Plan. Shares issued upon exercise of an Option will be issued in the name of the Participant. Until the Shares are issued (as evidenced by the appropriate entry on the books of the Company or of a duly authorized transfer agent of the Company), no right to vote or receive dividends or any other rights as a stockholder will exist with respect to the Shares, notwithstanding the exercise of the Option. The Company will issue (or cause to be issued) such Shares promptly after the Option is exercised. No adjustment will be made for a dividend or other right for which the record date is prior to the date the Shares are issued, except as provided in Section 2.6 of the Plan. Exercising an Option in any manner will decrease the number of Shares thereafter available, both for purposes of the Plan and for sale under the Option, by the number of Shares as to which the Option is exercised.

5.6. Termination of Service. If the Participant's Service terminates for any reason except for Cause or the Participant's death or Disability, then the Participant may exercise such Participant's Options only to the extent that such Options would have been exercisable by the Participant on the date Participant's Service terminates no later than three (3) months after the date Participant's Service terminates (or such shorter or longer time period as may be determined by the Committee, with any exercise beyond three (3) months after the date Participant's employment terminates deemed to be the exercise of an NSO), but in any event no later than the expiration date of the Options.

(a) **Death.** If the Participant's Service terminates because of the Participant's death (or the Participant dies within three (3) months after Participant's Service terminates other than for Cause or because of the Participant's Disability), then the Participant's Options may be exercised only to the extent that such Options would have been exercisable by the Participant on the date Participant's Service terminates and must be exercised by the Participant's legal representative, or authorized assignee, no later than twelve (12) months after the date Participant's Service terminates (or such shorter time period not less than six (6) months or longer time period as may be determined by the Committee), but in any event no later than the expiration date of the Options.

(b) **Disability.** If the Participant's Service terminates because of the Participant's Disability, then the Participant's Options may be exercised only to the extent that such Options would have been exercisable by the Participant on the date Participant's Service terminates and must be exercised by the Participant (or the Participant's legal representative or authorized assignee) no later than twelve (12) months after the date Participant's Service terminates (with any exercise beyond (a) three (3) months after the date Participant's employment terminates when the termination of Service is for a Disability that is not a "permanent and total disability" as defined in Section 22(e)(3) of the Code, or (b) twelve (12) months after the date Participant's employment terminates when the termination of Service is for a Disability that is a "permanent and total disability" as defined in Section 22(e)(3) of the Code, deemed to be exercise of an NSO), but in any event no later than the expiration date of the Options.

(c) **Cause.** If the Participant is terminated for Cause, then Participant's Options shall expire on such Participant's date of termination of Service, or at such later time and on such conditions as are determined by the Committee, but in any no event later than the expiration date of the Options. Unless otherwise provided in the Award Agreement, Cause shall have the meaning set forth in the Plan.

5.7. Limitations on Exercise. The Committee may specify a minimum number of Shares that may be purchased on any exercise of an Option, provided that such minimum number will not prevent any Participant from exercising the Option for the full number of Shares for which it is then exercisable.

5.8. Limitations on ISOs. With respect to Awards granted as ISOs, to the extent that the aggregate Fair Market Value of the Shares with respect to which such ISOs are exercisable for the first time by the Participant during any calendar year (under all plans of the Company and any Parent or Subsidiary) exceeds one hundred thousand dollars (\$100,000), such Options will be treated as NSOs. For purposes of this Section 5.8, ISOs will be taken into account in the order in which they were granted. The Fair Market Value of the Shares will be determined as of the time the Option with respect to such Shares is granted. In the event that the Code or the regulations promulgated thereunder are amended after the Effective Date to provide for a different limit on the Fair Market Value of Shares permitted to be subject to ISOs, such different limit will be automatically incorporated herein and will apply to any Options granted after the effective date of such amendment.

5.9. Modification, Extension or Renewal. The Committee may modify, extend or renew outstanding Options and authorize the grant of new Options in substitution therefor, provided that any such action may not, without the written consent of a Participant, impair any of such Participant's rights under any Option previously granted. Any outstanding ISO that is modified, extended, renewed or otherwise altered will be treated in accordance with Section 424(h) of the Code. Subject to Section 18 of this Plan, by written notice to affected Participants, the Committee may reduce the Exercise Price of outstanding Options without the consent of such Participants; provided, however, that the Exercise Price may not be reduced below the Fair Market Value on the date the action is taken to reduce the Exercise Price.

5.10. No Disqualification. Notwithstanding any other provision in this Plan, no term of this Plan relating to ISOs will be interpreted, amended or altered, nor will any discretion or authority granted under this Plan be exercised, so as to disqualify this Plan under Section 422 of the Code or, without the consent of the Participant affected, to disqualify any ISO under Section 422 of the Code.

6. RESTRICTED STOCK AWARDS. A Restricted Stock Award is an offer by the Company to sell to an eligible Employee, Consultant, or Director of Shares that are subject to restrictions ("***Restricted Stock***"). The Committee will determine to whom an offer will be made, the number of Shares the Participant may purchase, the Purchase Price, the restrictions under which the Shares will be subject and all other terms and conditions of the Restricted Stock Award, subject to the Plan.

6.1. Restricted Stock Purchase Agreement. All purchases under a Restricted Stock Award will be evidenced by an Award Agreement. Except as may otherwise be provided in an Award Agreement, a Participant accepts a Restricted Stock Award by signing and delivering to the Company an Award Agreement with full payment of the Purchase Price, within thirty (30) days from the date the Award Agreement was delivered to the Participant. If the Participant does not accept such Award within thirty (30) days, then the offer of such Restricted Stock Award will terminate, unless the Committee determines otherwise.

6.2. Purchase Price. The Purchase Price for a Restricted Stock Award will be determined by the Committee and may be less than Fair Market Value on the date the Restricted Stock Award is granted. Payment of the Purchase Price must be made in accordance with Section 11 of the Plan, and the Award Agreement and in accordance with any procedures established by the Company.

6.3. Terms of Restricted Stock Awards. Restricted Stock Awards will be subject to such restrictions as the Committee may impose or are required by law. These restrictions may be based on completion of a specified number of years of service with the Company or upon completion of Performance Factors, if any, during any Performance Period as set out in advance in the Participant's Award Agreement. Prior to the grant of a Restricted Stock Award, the Committee shall: (a) determine the nature, length and starting date of any Performance Period for the Restricted Stock Award; (b) select from among the Performance Factors to be used to measure performance goals, if any; and (c) determine the number of Shares that may be awarded to the Participant. Performance Periods may overlap and a Participant may participate simultaneously with respect to Restricted Stock Awards that are subject to different Performance Periods and having different performance goals and other criteria.

6.4. Termination of Service. Except as may be set forth in the Participant's Award Agreement, vesting ceases on such date Participant's Service terminates (unless determined otherwise by the Committee).

7. STOCK BONUS AWARDS. A Stock Bonus Award is an award to an eligible Employee, Consultant, or Director of Shares for Services to be rendered or for past Services already rendered to the Company or any Parent, Subsidiary or Affiliate. All Stock Bonus Awards shall be made pursuant to an Award Agreement. No payment from the Participant will be required for Shares awarded pursuant to a Stock Bonus Award.

7.1. Terms of Stock Bonus Awards. The Committee will determine the number of Shares to be awarded to the Participant under a Stock Bonus Award and any restrictions thereon. These restrictions may be based upon completion of a specified number of years of service with the Company or upon satisfaction of performance goals based on Performance Factors during any Performance Period as set out in advance in the Participant's Stock Bonus Agreement. Prior to the grant of any Stock Bonus Award the Committee shall: (a) determine the nature, length and starting date of any Performance Period for the Stock Bonus Award; (b) select from among the Performance Factors to be used to measure performance goals; and (c) determine the number of Shares that may be awarded to the Participant. Performance Periods may overlap and a Participant may participate simultaneously with respect to Stock Bonus Awards that are subject to different Performance Periods and different performance goals and other criteria.

7.2. Form of Payment to Participant. Payment may be made in the form of cash, whole Shares, or a combination thereof, based on the Fair Market Value of the Shares earned under a Stock Bonus Award on the date of payment, as determined in the sole discretion of the Committee.

7.3. Termination of Service. Except as may be set forth in the Participant's Award Agreement, vesting ceases on such date Participant's Service terminates (unless determined otherwise by the Committee).

8. STOCK APPRECIATION RIGHTS. A Stock Appreciation Right ("SAR") is an award to an eligible Employee, Consultant, or Director that may be settled in cash, or Shares (which may consist of Restricted Stock), having a value equal to (a) the difference between the Fair Market Value on the date of exercise over the Exercise Price multiplied by (b) the number of Shares with respect to which the SAR is being settled (subject to any maximum number of Shares that may be issuable as specified in an Award Agreement). All SARs shall be made pursuant to an Award Agreement.

8.1. Terms of SARs. The Committee will determine the terms of each SAR including, without limitation: (a) the number of Shares subject to the SAR; (b) the Exercise Price and the time or times during which the SAR may be settled; (c) the consideration to be distributed on settlement of the SAR; and (d) the effect of the Participant's termination of Service on each SAR. The Exercise Price of the SAR will be determined by the Committee when the SAR is granted, and may not be less than Fair Market Value. A SAR may be awarded upon satisfaction of Performance Factors, if any, during any Performance Period as are set out in advance in the Participant's individual Award Agreement. If the SAR is being earned upon the satisfaction of Performance Factors, then the Committee will: (x) determine the nature, length and starting date of any Performance Period for each SAR; and (y) select from among the Performance Factors to be used to measure the performance, if any. Performance Periods may overlap and Participants may participate simultaneously with respect to SARs that are subject to different Performance Factors and other criteria.

8.2. Exercise Period and Expiration Date. A SAR will be exercisable within the times or upon the occurrence of events determined by the Committee and set forth in the Award Agreement governing such SAR. The SAR Agreement shall set forth the expiration date; provided that no SAR will be exercisable after the expiration of ten (10) years from the date the SAR is granted. The Committee may also provide for SARs to become exercisable at one time or from time to time, periodically or otherwise (including, without limitation, upon the attainment during a Performance Period of performance goals based on Performance Factors), in such number of Shares or percentage of the Shares subject to the SAR as the Committee determines. Except as may be set forth in the Participant's Award Agreement, vesting ceases on the date Participant's Service terminates (unless determined otherwise by the Committee). Notwithstanding the foregoing, the rules of Section 5.6 also will apply to SARs.

8.3. Form of Settlement. Upon exercise of a SAR, a Participant will be entitled to receive payment from the Company in an amount determined by multiplying (a) the difference between the Fair Market Value of a Share on the date of exercise over the Exercise Price; times (b) the number of Shares with respect to which the SAR is exercised. At the discretion of the Committee, the payment from the Company for the SAR exercise may be in cash, in Shares of equivalent value, or in some combination thereof. The portion of a SAR being settled may be paid currently or on a deferred basis with such interest or dividend equivalent, if any, as the Committee determines, provided that the terms of the SAR and any deferral satisfy the requirements of Section 409A of the Code.

8.4. Termination of Service. Except as may be set forth in the Participant's Award Agreement, vesting ceases on such date Participant's Service terminates (unless determined otherwise by the Committee).

9. RESTRICTED STOCK UNITS. A Restricted Stock Unit ("RSU") is an award to an eligible Employee, Consultant, or Director covering a number of Shares that may be settled in cash, or by issuance of those Shares (which may consist of Restricted Stock). All RSUs shall be made pursuant to an Award Agreement.

9.1. Terms of RSUs. The Committee will determine the terms of an RSU including, without limitation: (a) the number of Shares subject to the RSU; (b) the time or times during which the RSU may be settled; (c) the consideration to be distributed on settlement; and (d) the effect of the Participant's termination of Service on each RSU; provided that no RSU shall have a term longer than ten (10) years. An RSU may be awarded upon satisfaction of such performance goals based on Performance Factors during any Performance Period as are set out in advance in the Participant's Award Agreement. If the RSU is being earned upon satisfaction of Performance Factors, then the Committee will: (x) determine the nature, length and starting date of any Performance Period for the RSU; (y) select from among the Performance Factors to be used to measure the performance, if any; and (z) determine the number of Shares deemed subject to the RSU. Performance Periods may overlap and participants may participate simultaneously with respect to RSUs that are subject to different Performance Periods and different performance goals and other criteria.

9.2. Form and Timing of Settlement. Payment of earned RSUs shall be made as soon as practicable after the date(s) determined by the Committee and set forth in the Award Agreement. The Committee, in its sole discretion, may settle earned RSUs in cash, Shares, or a combination of both. The Committee may also permit a Participant to defer payment under a RSU to a date or dates after the RSU is earned provided that the terms of the RSU and any deferral satisfy the requirements of Section 409A of the Code.

9.3. Termination of Service. Except as may be set forth in the Participant's Award Agreement, vesting ceases on such date Participant's Service terminates (unless determined otherwise by the Committee).

10. PERFORMANCE AWARDS. A Performance Award is an award to an eligible Employee, Consultant, or Director of the Company or any Parent, Subsidiary or Affiliate of a cash bonus or an award of Performance Shares denominated in Shares that may be settled in cash, or by issuance of those Shares (which may consist of Restricted Stock). Grants of Performance Awards shall be made pursuant to an Award Agreement.

10.1. Types of Performance Awards. Performance Awards shall include Performance Shares, Performance Units, and cash-based Awards as set forth in Sections 10.1(a), 10.1(b), and 10.1(c) below.

(a) **Performance Shares.** The Committee may grant Awards of Performance Shares, designate the Participants to whom Performance Shares are to be awarded and determine the number of Performance Shares and the terms and conditions of each such Award. Performance Shares shall consist of a unit valued by reference to a designated number of shares of Common Stock, the value of which may be paid to the Participant by delivery of shares of Common Stock or, if set forth in the instrument evidencing the Award, of such property as the Committee shall determine, including, without limitation, cash, shares of Common Stock, other property, or any combination thereof, upon the attainment of performance goals, as established by the Committee, and other terms and conditions specified by the Committee. The amount to be paid under an Award of Performance Shares may be adjusted on the basis of such further consideration as the Committee shall determine in its sole discretion.

(b) **Performance Units.** The Committee may grant Awards of Performance Units, designate the Participants to whom Performance Units are to be awarded and determine the number of Performance Units and the terms and conditions of each such Award. Performance Units shall consist of a unit valued by reference to a designated amount of property other than shares of Common Stock, which value may be paid to the Participant by delivery of such property as the Committee shall determine, including, without limitation, cash, shares of Common Stock, other property, or any combination thereof, upon the attainment of performance goals, as established by the Committee, and other terms and conditions specified by the Committee.

(c) **Cash-Settled Performance Awards.** The Committee may also grant cash-settled Performance Awards to Participants under the terms of this Plan. Such awards will be based on the attainment of performance goals using the Performance Criteria within this Plan that are established by the Committee for the relevant performance period.

10.2. Terms of Performance Awards. The Committee will determine, and each Award Agreement shall set forth, the terms of each Performance Award including, without limitation: (a) the amount of any cash bonus, (b) the number of Shares deemed subject to an award of Performance Shares; (c) the Performance Factors and Performance Period that shall determine the time and extent to which each award of Performance Shares shall be settled; (d) the consideration to be distributed on settlement, and (e) the effect of the Participant's termination of Service on each

Performance Award. In establishing Performance Factors and the Performance Period the Committee will: (x) determine the nature, length and starting date of any Performance Period; (y) select from among the Performance Factors to be used; and (z) determine the number of Shares deemed subject to the award of Performance Shares. Prior to settlement the Committee shall determine the extent to which Performance Awards have been earned. Performance Periods may overlap and Participants may participate simultaneously with respect to Performance Awards that are subject to different Performance Periods and different performance goals and other criteria. No Participant will be eligible to receive more than \$10,000,000 in Performance Awards in any calendar year under this Plan.

10.3. Termination of Service. Except as may be set forth in the Participant's Award Agreement, vesting ceases on the date Participant's Service terminates (unless determined otherwise by the Committee).

11. PAYMENT FOR SHARE PURCHASES. Payment from a Participant for Shares purchased pursuant to this Plan may be made in cash or by check or, where approved for the Participant by the Committee and where permitted by law (and to the extent not otherwise set forth in the applicable Award Agreement):

(a) by cancellation of indebtedness of the Company to the Participant;

(b) by surrender of shares of the Company's common stock by the Participant that have a Fair Market Value on the date of surrender equal to the aggregate exercise price of the Shares as to which said Award will be exercised or settled;

(c) by waiver of compensation due or accrued to the Participant for services rendered or to be rendered to the Company or a Parent or Subsidiary of the Company;

(d) by consideration received by the Company pursuant to a broker-assisted or other form of cashless exercise program implemented by the Company in connection with the Plan;

(e) by any combination of the foregoing; or

(f) by any other method of payment as is permitted by applicable law.

12. GRANTS TO NON-EMPLOYEE DIRECTORS. Non-Employee Directors are eligible to receive any type of Award offered under this Plan except ISOs. Awards pursuant to this Section 12 may be automatically made pursuant to policy adopted by the Board, or made from time to time as determined in the discretion of the Board. The aggregate number of Shares subject to Awards granted to a Non-Employee Director pursuant to this Section 12 in any calendar year shall not exceed 100,000.

12.1. Eligibility. Awards pursuant to this Section 12 shall be granted only to Non-Employee Directors. A Non-Employee Director who is elected or re-elected as a member of the Board will be eligible to receive an Award under this Section 12.

12.2. Vesting, Exercisability and Settlement. Except as set forth in Section 21, Awards shall vest, become exercisable and be settled as determined by the Board. With respect to Options and SARs, the exercise price granted to Non-Employee Directors shall not be less than the Fair Market Value of the Shares at the time that such Option or SAR is granted.

12.3. Election to receive Awards in Lieu of Cash. A Non-Employee Director may elect to receive his or her annual retainer payments and/or meeting fees from the Company in the form of cash or Awards or a combination thereof, as determined by the Committee. Such Awards shall be issued under the Plan. An election under this Section 12.3 shall be filed with the Company on the form prescribed by the Company.

13. WITHHOLDING TAXES.

13.1. Withholding Generally. Whenever Shares are to be issued in satisfaction of Awards granted under this Plan or a tax event occurs, the Company may require the Participant to remit to the Company, or to the Parent, Subsidiary or applicable Affiliate employing the Participant, an amount sufficient to satisfy applicable U.S. federal, state, local and international withholding tax requirements or any other tax or social insurance liability legally due from the Participant prior to the delivery of Shares pursuant to exercise or settlement of any Award. Whenever payments in satisfaction of Awards granted under this Plan are to be made in cash, such payment will be net of an amount sufficient to satisfy applicable U.S. federal, state, local and international withholding tax or social insurance requirements or any other tax liability legally due from the Participant. The Fair Market Value of the Shares will be determined as of the date that the taxes are required to be withheld and such Shares shall be valued based on the value of the actual trade or, if there is none, the Fair Market Value of the Shares as of the previous trading day.

13.2. Stock Withholding. The Committee, or its delegate(s), as permitted by applicable law, in its sole discretion and pursuant to such procedures as it may specify from time to time and to limitations of local law, may require or permit a Participant to satisfy such tax withholding obligation or any other tax liability legally due from the Participant, in whole or in part by (without limitation) (a) paying cash, (b) electing to have the Company withhold otherwise deliverable cash or Shares having a Fair Market Value equal to the minimum statutory amount required to be withheld, (c) delivering to the Company already-owned shares of the Company's common stock having a Fair Market Value equal to the minimum amount required to be withheld or (d) withholding from proceeds of the sale of otherwise deliverable Shares acquired pursuant to an Award either through a voluntary sale or through a mandatory sale arranged by the Company for the minimum amount required to be withheld.

14. TRANSFERABILITY.

14.1. Transfer Generally. Unless determined otherwise by the Committee or pursuant to Section 14.2, an Award may not be sold, pledged, assigned, hypothecated, transferred, or disposed of in any manner other than by will or by the laws of descent or distribution. If the Committee makes an Award transferable, including, without limitation, by instrument to an inter vivos or testamentary trust in which the Awards are to be passed to beneficiaries upon the death of the trustor (settlor) or by gift or by domestic relations order to a Permitted Transferee, such Award will contain such additional terms and conditions as the Committee deems appropriate. All Awards shall be exercisable: (a) during the Participant's lifetime only by (i) the Participant, or (ii) the Participant's guardian or legal representative; (b) after the Participant's death, by the legal representative of the Participant's heirs or legatees; and (c) in the case of all awards except ISOs, by a Permitted Transferee.

14.2. Award Transfer Program. Notwithstanding any contrary provision of the Plan, the Committee shall have all discretion and authority to determine and implement the terms and conditions of any Award Transfer Program instituted pursuant to this Section 14.2 and shall have the authority to amend the terms of any Award participating, or otherwise eligible to participate in, the Award Transfer Program, including (but not limited to) the authority to (a) amend (including to extend) the expiration date, post-termination exercise period and/or forfeiture conditions of any such Award, (b) amend or remove any provisions of the Award relating to the Award holder's continued Service to the Company or its Parent, Subsidiary, or Affiliate, (c) amend the permissible payment methods with respect to the exercise or purchase of any such Award, (d) amend the adjustments to be implemented in the event of changes in the capitalization and other similar events with respect to such Award, and (e) make such other changes to the terms of such Award as the Committee deems necessary or appropriate in its sole discretion. Notwithstanding anything to the contrary in the Plan, in no event will the Committee have the right to determine and implement the terms and conditions of any Award Transfer Program without stockholder approval.

15. PRIVILEGES OF STOCK OWNERSHIP; RESTRICTIONS ON SHARES.

15.1. Voting and Dividends. No Participant will have any of the rights of a stockholder with respect to any Shares until the Shares are issued to the Participant, except for any dividend equivalent rights permitted by an applicable Award Agreement ("***Dividend Equivalent Rights***"). After Shares are issued to the Participant, the Participant will be a stockholder and have all the rights of a stockholder with respect to such Shares, including the right to vote and receive all dividends or other distributions made or paid with respect to such Shares; provided, that if such Shares are Restricted Stock, then any new, additional or different securities the Participant may become entitled to receive with respect to such Shares by virtue of a stock dividend, stock split or any other change in the corporate or capital structure of the Company will be subject to the same restrictions as the Restricted Stock; provided, further, that the

Participant will have no right to retain such stock dividends or stock distributions with respect to Shares that are repurchased at the Participant's Purchase Price or Exercise Price, as the case may be, pursuant to Section 15.2. However, the Committee, in its discretion, may provide in the Award Agreement evidencing any Award that the Participant shall be entitled to Dividend Equivalent Rights with respect to the payment of cash dividends on Shares underlying an Award during the period beginning on the date the Award is granted and ending, with respect to each Share subject to the Award, on the earlier of the date on which the Award is exercised or settled or the date on which it is forfeited. Such Dividend Equivalent Rights, if any, shall be credited to the Participant in the form of additional whole Shares as of the date of payment of such cash dividends on Shares.

15.2. Restrictions on Shares. At the discretion of the Committee, the Company may reserve to itself and/or its assignee(s) a right to repurchase (a "***Right of Repurchase***") a portion of any or all Unvested Shares held by a Participant following such Participant's termination of Service at any time within ninety (90) days (or such longer or shorter time determined by the Committee) after the later of the date Participant's Service terminates and the date the Participant purchases Shares under this Plan, for cash and/or cancellation of purchase money indebtedness, at the Participant's Purchase Price or Exercise Price, as the case may be.

16. CERTIFICATES. All Shares or other securities whether or not certificated, delivered under this Plan will be subject to such stock transfer orders, legends and other restrictions as the Committee may deem necessary or advisable, including restrictions under any applicable U.S. federal, state or foreign securities law, or any rules, regulations and other requirements of the SEC or any stock exchange or automated quotation system upon which the Shares may be listed or quoted and any non-U.S. exchange controls or securities law restrictions to which the Shares are subject.

17. ESCROW; PLEDGE OF SHARES. To enforce any restrictions on a Participant's Shares, the Committee may require the Participant to deposit all certificates representing Shares, together with stock powers or other instruments of transfer approved by the Committee, appropriately endorsed in blank, with the Company or an agent designated by the Company to hold in escrow until such restrictions have lapsed or terminated, and the Committee may cause a legend or legends referencing such restrictions to be placed on the certificates. Any Participant who is permitted to execute a promissory note as partial or full consideration for the purchase of Shares under this Plan will be required to pledge and deposit with the Company all or part of the Shares so purchased as collateral to secure the payment of the Participant's obligation to the Company under the promissory note; provided, however, that the Committee may require or accept other or additional forms of collateral to secure the payment of such obligation and, in any event, the Company will have full recourse against the Participant under the promissory note notwithstanding any pledge of the Participant's Shares or other collateral. In connection with any pledge of the Shares, the Participant will be required to execute and deliver a written pledge agreement in such form as the Committee will from time to time approve. The Shares purchased with the promissory note may be released from the pledge on a pro rata basis as the promissory note is paid.

18. REPRICING; EXCHANGE AND BUYOUT OF AWARDS. Without prior stockholder approval, the Committee may (a) reprice Options or SARs (and where such repricing is a reduction in the Exercise Price of outstanding Options or SARs, the consent of the affected Participants is not required provided written notice is provided to them, notwithstanding any adverse tax consequences to them arising from the repricing), and (b) with the consent of the respective Participants (unless not required pursuant to Section 5.9 of the Plan), pay cash or issue new Awards in exchange for the surrender and cancellation of any, or all, outstanding Awards.

19. SECURITIES LAW AND OTHER REGULATORY COMPLIANCE. An Award will not be effective unless such Award is in compliance with all applicable U.S. and foreign federal and state securities and exchange control laws, rules and regulations of any governmental body, and the requirements of any stock exchange or automated quotation system upon which the Shares may then be listed or quoted, as they are in effect on the date of grant of the Award and also on the date of exercise or other issuance. Notwithstanding any other provision in this Plan, the Company will have no obligation to issue or deliver certificates for Shares under this Plan prior to: (a) obtaining any approvals from governmental agencies that the Company determines are necessary or advisable; and/or (b) completion of any registration or other qualification of such Shares under any state or federal or foreign law or ruling of any governmental body that the Company determines to be necessary or advisable. The Company will be under no obligation to register the Shares with the SEC or to effect compliance with the registration, qualification or listing requirements of any foreign or state securities laws, exchange control laws, stock exchange or automated quotation system, and the Company will have no liability for any inability or failure to do so.

20. NO OBLIGATION TO EMPLOY. Nothing in this Plan or any Award granted under this Plan will confer or be deemed to confer on any Participant any right to continue in the employ of, or to continue any other relationship with, the Company or any Parent, Subsidiary or Affiliate or limit in any way the right of the Company or any Parent, Subsidiary or Affiliate to terminate Participant's employment or other relationship at any time.

21. CORPORATE TRANSACTIONS.

21.1. Assumption or Replacement of Awards by Successor. In the event that the Company is subject to a Corporate Transaction, outstanding Awards acquired under the Plan shall be subject to the agreement evidencing the Corporate Transaction, which need not treat all outstanding Awards in an identical manner. Such agreement, without the Participant's consent, shall provide for one or more of the following with respect to all outstanding Awards as of the effective date of such Corporate Transaction:

- (a) The continuation of an outstanding Award by the Company (if the Company is the successor entity).
- (b) The assumption of an outstanding Award by the successor or acquiring entity (if any) of such Corporate Transaction (or by its parents, if any), which assumption, will be binding on all selected Participants; provided that the exercise price and the number and nature of shares issuable upon exercise of any such option or stock appreciation right, or any award that is subject to Section 409A of the Code, will be adjusted appropriately pursuant to Section 424(a) of the Code.
- (c) The substitution by the successor or acquiring entity in such Corporate Transaction (or by its parents, if any) of equivalent awards with substantially the same terms for such outstanding Awards (except that the exercise price and the number and nature of shares issuable upon exercise of any such option or stock appreciation right, or any award that is subject to Section 409A of the Code, will be adjusted appropriately pursuant to Section 424(a) of the Code).
- (d) The full or partial acceleration of exercisability or vesting and accelerated expiration of an outstanding Award and lapse of the Company's right to repurchase or re-acquire shares acquired under an Award or lapse of forfeiture rights with respect to shares acquired under an Award.
- (e) The settlement of the full value of such outstanding Award (whether or not then vested or exercisable) in cash, cash equivalents, or securities of the successor entity (or its parent, if any) with a Fair Market Value equal to the required amount, followed by the cancellation of such Awards; provided however, that such Award may be cancelled if such Award has no value, as determined by the Committee, in its discretion. Subject to Section 409A of the Code, such payment may be made in installments and may be deferred until the date or dates the Award would have become exercisable or vested. Such payment may be subject to vesting based on the Participant's continued service, provided that the vesting schedule shall not be less favorable to the Participant than the schedule under which the Award would have become vested or exercisable. For purposes of this Section 21.1(e), the Fair Market Value of any security shall be determined without regard to any vesting conditions that may apply to such security.
- (f) The cancellation of outstanding Awards in exchange for no consideration.

The Board shall have full power and authority to assign the Company's right to repurchase or re-acquire or forfeiture rights to such successor or acquiring corporation. In addition, in the event such successor or acquiring corporation refuses to assume, convert, replace or substitute Awards, as provided above, pursuant to a Corporate Transaction, the Committee will notify the Participant in writing or electronically that such Award will be exercisable for a period of time determined by the Committee in its sole discretion, and such Award will terminate upon the expiration of such period. Awards need not be treated similarly in a Corporate Transaction. In addition, following a Corporate Transaction, 100% of the total number of Shares subject to each Award held by an Employee shall become vested if the holder is subject to an Involuntary Termination within 12 months after the Corporate Transaction; it being understood that the vesting acceleration set forth in the preceding clause is in addition to

vesting of the Award or Shares that has occurred prior to the Involuntary Termination, subject to the Participant executing a general release (in a form prescribed by the Company) of all known and unknown claims that he or she may then have against the Company or persons affiliated with the Company and such release has become effective and agreeing not to prosecute any legal action or other proceeding based upon any of such claims except to the extent otherwise provided in an individual award agreement. The provisions of this Section 21.1 shall apply to Awards outstanding on the Effective Date under the Prior Plan; provided the vesting acceleration provisions set forth in any employment agreement or letter or similar agreement between the Company and an employee in effect on the Effective Date, to the extent more favorable to such employee, will continue to apply to the equity awards held by the employee on the Effective Date.

21.2. Assumption of Awards by the Company. The Company, from time to time, also may substitute or assume outstanding awards granted by another company, whether in connection with an acquisition of such other company or otherwise, by either; (a) granting an Award under this Plan in substitution of such other company's award; or (b) assuming such award as if it had been granted under this Plan if the terms of such assumed award could be applied to an Award granted under this Plan. Such substitution or assumption will be permissible if the holder of the substituted or assumed award would have been eligible to be granted an Award under this Plan if the other company had applied the rules of this Plan to such grant. In the event the Company assumes an award granted by another company, the terms and conditions of such award will remain unchanged (except that the Purchase Price or the Exercise Price, as the case may be, and the number and nature of Shares issuable upon exercise or settlement of any such Award will be adjusted appropriately pursuant to Section 424(a) of the Code). In the event the Company elects to grant a new Option in substitution rather than assuming an existing option, such new Option may be granted with a similarly adjusted Exercise Price. Substitute Awards shall not be credited toward the number of Shares authorized for grant under the Plan or authorized for grant to a Participant in a calendar year.

21.3. Non-Employee Directors' Awards. Notwithstanding any provision to the contrary herein, in the event of a Corporate Transaction, the vesting of all Awards granted to Non-Employee Directors shall accelerate and such Awards shall become exercisable (as applicable) in full prior to the consummation of such event at such times and on such conditions as the Committee determines.

22. ADOPTION AND STOCKHOLDER APPROVAL. This Plan shall be submitted for the approval of the Company's stockholders, consistent with applicable laws, within twelve (12) months before or after the date this Plan is adopted by the Board.

23. TERM OF PLAN/GOVERNING LAW. Unless earlier terminated as provided herein, this Plan will become effective on the Effective Date and will terminate on August 7, 2028. This Plan and all Awards granted hereunder shall be governed by and construed in accordance with the laws of the State of Delaware (excluding its conflict of law rules).

24. AMENDMENT OR TERMINATION OF PLAN. The Board may at any time terminate or amend this Plan in any respect, including, without limitation, amendment of any form of Award Agreement or instrument to be executed pursuant to this Plan; provided, however, that the Board will not, without the approval of the stockholders of the Company, amend this Plan in any manner that requires such stockholder approval; provided further, that a Participant's Award shall be governed by the version of this Plan then in effect at the time such Award was granted.

25. NONEXCLUSIVITY OF THE PLAN. Neither the adoption of this Plan by the Board, the submission of this Plan to the stockholders of the Company for approval, nor any provision of this Plan will be construed as creating any limitations on the power of the Board to adopt such additional compensation arrangements as it may deem desirable, including, without limitation, the granting of stock awards and bonuses otherwise than under this Plan, and such arrangements may be either generally applicable or applicable only in specific cases.

26. INSIDER TRADING POLICY. Each Participant who receives an Award shall comply with any policy adopted by the Company from time to time covering transactions in the Company's securities by Employees, officers and/or directors of the Company.

27. ALL AWARDS SUBJECT TO COMPANY CLAWBACK OR RECOUPMENT POLICY. All Awards shall be subject to clawback or recoupment pursuant to any compensation clawback or recoupment policy adopted by the Board or required by law during the term of Participant's employment or other service with the Company that is applicable to executive officers, employees, directors or other service providers of the Company, and in addition to any other remedies available under such policy and applicable law, may require the cancelation of outstanding Awards and the recoupment of any gains realized with respect to Awards.

28. DEFINITIONS. As used in this Plan, and except as elsewhere defined herein, the following terms will have the following meanings:

28.1. "Affiliate" means any person or entity that directly or indirectly through one or more intermediaries controls, or is controlled by, or is under common control with, the Company, including any general partner, managing member, officer or director of the Company, in each case as of the date on which, or at any time during the period for which, the determination of affiliation is being made. For purposes of this definition, the term "control" (including the correlative meanings of the terms "controlled by" and "under common control with"), as used with respect to any person or entity, means the possession, directly or indirectly, of the power to direct or cause the direction of the management policies of such person or entity, whether through the ownership of voting securities or by contract or otherwise.

28.2. "Award" means any award under the Plan, including any Option, Restricted Stock, Stock Bonus, Stock Appreciation Right, Restricted Stock Unit or award of Performance Shares.

28.3. "Award Agreement" means, with respect to each Award, the written or electronic agreement between the Company and the Participant setting forth the terms and conditions of the Award, and country-specific appendix thereto for grants to non-U.S. Participants, which shall be in substantially a form (which need not be the same for each Participant) that the Committee (or in the case of Award agreements that are not used for Insiders, the Committee's delegate(s)) has from time to time approved, and will comply with and be subject to the terms and conditions of this Plan.

28.4. "Award Transfer Program" means any program instituted by the Committee which would permit Participants the opportunity to transfer any outstanding Awards to a financial institution or other person or entity approved by the Committee.

28.5. "Board" means the Board of Directors of the Company.

28.6. "Cause" means (i) an unauthorized use or disclosure by Participant of the Company's confidential information or trade secrets, which use or disclosure causes material harm to the Company or is reasonably likely to cause material harm to the Company, (ii) a material breach of any agreement between Participant and the Company, (iii) a material failure to comply with the Company's written policies or rules that has caused or is reasonably likely to cause material injury to the Company, its successor, or its affiliates, or any of their business, (iv) conviction of, or plea of "guilty" or "no contest" to, a felony under the laws of the United States or any state thereof, (v) willful misconduct that has caused or is reasonably likely to cause material injury to the Company, its successor, or its affiliates, or any of their business, (vi) embezzlement, (vii) failure to cooperate with the Company in any investigation or formal proceeding if the Company has requested Participant's reasonable cooperation, (viii) violation of any applicable federal, state or foreign statutes or laws that govern or regulate employment, pharmaceutical drugs or securities, including but not limited to the laws enforced by the federal Equal Employment Opportunity Commission, Department of Labor, Food and Drug Administration, Securities and Exchange Commission and Department of Justice or (ix) a continued failure to perform assigned duties after receiving written notification of such failure from the Company's Chief Executive Officer; *provided that* Participant must be provided with written notice of Participant's termination for "Cause" and Participant must be provided with a thirty (30) day period following Participant's receipt of such notice to cure the event(s) that trigger "Cause," with the Company's Chief Executive Officer making the final determination whether Participant has cured any Cause. The determination as to whether a Participant is being terminated for Cause shall be made in good faith by the Company and shall be final and binding on the Participant. The foregoing definition does not in any way limit the Company's ability to terminate a Participant's employment or consulting relationship at any time as provided in Section 20 above, and the term "Company" will be interpreted to include any Parent, Subsidiary or Affiliate, as appropriate. Notwithstanding the foregoing, the foregoing definition of "Cause" may, in part or in whole, be modified or replaced in each individual employment agreement or Award Agreement with any Participant, provided that such document supersedes the definition provided in this Section 28.6.

28.7. “Code” means the United States Internal Revenue Code of 1986, as amended, and the regulations promulgated thereunder.

28.8. “Committee” means the Compensation Committee of the Board or those persons to whom administration of the Plan, or part of the Plan, has been delegated as permitted by law.

28.9. “Common Stock” means the common stock of the Company.

28.10. “Company” means Aeglea BioTherapeutics, Inc., or any successor corporation.

28.11. “Consultant” means any person, including an advisor or independent contractor, engaged by the Company or a Parent, Subsidiary or Affiliate to render services to such entity.

28.12. “Corporate Transaction” means the occurrence of any of the following events: (a) any “Person” (as such term is used in Sections 13(d) and 14(d) of the Exchange Act) becomes the “beneficial owner” (as defined in Rule 13d-3 of the Exchange Act), directly or indirectly, of securities of the Company representing more than fifty percent (50%) of the total voting power represented by the Company’s then-outstanding voting securities; provided, however, that for purposes of this subclause (a) the acquisition of additional securities by any one Person who is considered to own more than fifty percent (50%) of the total voting power of the securities of the Company will not be considered a Corporate Transaction; (b) the consummation of the sale or disposition by the Company of all or substantially all of the Company’s assets; (c) the consummation of a merger or consolidation of the Company with any other corporation, other than a merger or consolidation which would result in the voting securities of the Company outstanding immediately prior thereto continuing to represent (either by remaining outstanding or by being converted into voting securities of the surviving entity or its parent) at least fifty percent (50%) of the total voting power represented by the voting securities of the Company or such surviving entity or its parent outstanding immediately after such merger or consolidation; (d) any other transaction which qualifies as a “corporate transaction” under Section 424(a) of the Code wherein the stockholders of the Company give up all of their equity interest in the Company (except for the acquisition, sale or transfer of all or substantially all of the outstanding shares of the Company) or (e) a change in the effective control of the Company that occurs on the date that a majority of members of the Board is replaced during any twelve (12) month period by members of the Board whose appointment or election is not endorsed by a majority of the members of the Board prior to the date of the appointment or election. For purpose of this subclause (e), if any Person is considered to be in effective control of the Company, the acquisition of additional control of the Company by the same Person will not be considered a Corporate Transaction. For purposes of this definition, Persons will be considered to be acting as a group if they are owners of a corporation that enters into a merger, consolidation, purchase or acquisition of stock, or similar business transaction with the Company. Notwithstanding the foregoing, to the extent that any amount constituting deferred compensation (as defined in Section 409A of the Code) would become payable under this Plan by reason of a Corporate Transaction, such amount shall become payable only if the event constituting a Corporate Transaction would also qualify as a change in ownership or effective control of the Company or a change in the ownership of a substantial portion of the assets of the Company, each as defined within the meaning of Code Section 409A, as it has been and may be amended from time to time, and any proposed or final Treasury Regulations and IRS guidance that has been promulgated or may be promulgated thereunder from time to time.

28.13. “Director” means a member of the Board.

28.14. “Disability” means in the case of incentive stock options, total and permanent disability as defined in Section 22(e)(3) of the Code and in the case of other Awards, that the Participant is unable to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment that can be expected to result in death or can be expected to last for a continuous period of not less than 12 months.

28.15. “Effective Date” means the day immediately prior to the date of the underwritten initial public offering of the Company’s Common Stock pursuant to a registration statement that is declared effective by the SEC.

28.16. “Employee” means any person, including Officers and Directors, employed by the Company or any Parent, Subsidiary or Affiliate. Neither service as a Director nor payment of a director’s fee by the Company will be sufficient to constitute “employment” by the Company.

28.17. “Exchange Act” means the United States Securities Exchange Act of 1934, as amended.

28.18. “Exchange Program” means a program pursuant to which (a) outstanding Awards are surrendered, cancelled or exchanged for cash, the same type of Award or a different Award (or combination thereof) or (b) the exercise price of an outstanding Award is increased or reduced.

28.19. “Exercise Price” means, with respect to an Option, the price at which a holder may purchase the Shares issuable upon exercise of an Option and with respect to a SAR, the price at which the SAR is granted to the holder thereof.

28.20. “Fair Market Value” means, as of any date, the value of a share of the Company’s Common Stock determined as follows:

(a) if such Common Stock is publicly traded and is then listed on a national securities exchange, its closing price on the date of determination on the principal national securities exchange on which the Common Stock is listed or admitted to trading as reported in *The Wall Street Journal* or such other source as the Committee deems reliable;

(b) if such Common Stock is publicly traded but is neither listed nor admitted to trading on a national securities exchange, the average of the closing bid and asked prices on the date of determination as reported in *The Wall Street Journal* or such other source as the Committee deems reliable;

(c) in the case of an Option or SAR grant made on the Effective Date, the price per share at which shares of the Company’s Common Stock are initially offered for sale to the public by the Company’s underwriters in the initial public offering of the Company’s Common Stock pursuant to a registration statement filed with the SEC under the Securities Act; or

(d) if none of the foregoing is applicable, by the Board or the Committee in good faith.

28.21. “Good Reason” means, without the Participant’s consent, (i) a material reduction in the Participant’s level of responsibility and/or scope of authority, (ii) a reduction by more than 10% in Participant’s base salary (other than a reduction generally applicable to Participant officers of the Company and in generally the same proportion as for the Participant), or (iii) relocation of the Participant’s principal workplace by more than thirty-five (35) miles from Participant’s then current place of employment. For the purpose of clause (i), a change in responsibility shall not be deemed to occur (A) solely because Participant is part of a larger organization or (B) solely because of a change in title. For the Participant to receive the benefits under this Agreement as a result of a voluntary resignation under this subsection (e), all of the following requirements must be satisfied: (1) the Participant must provide notice to the Company of his or her intent to assert Good Reason within sixty (60) days of the initial existence of one or more of the conditions set forth in subclauses (i) through (iii); (2) the Company will have thirty (30) days (the “**Company Cure Period**”) from the date of such notice to remedy the condition and, if it does so, the Participant may withdraw his or her resignation or may resign with no benefits; and (3) any termination of employment under this provision must occur within ten (10) days of the earlier of expiration of the Company Cure Period or written notice from the Company that it will not undertake to cure the condition set forth in subclauses (i) through (iii). Should the Company remedy the condition as set forth above and then one or more of the conditions arises again within twelve months following the occurrence of a Change in Control, the Participant may assert Good Reason again subject to all of the conditions set forth herein.

28.22. “Insider” means an officer or director of the Company or any other person whose transactions in the Company’s Common Stock are subject to Section 16 of the Exchange Act.

28.23. “Involuntary Termination” means either (a) termination of Service without Cause or (b) resignation from Service for Good Reason.

28.24. “IRS” means the United States Internal Revenue Service.

28.25. “Non-Employee Director” means a Director who is not an Employee of the Company or any Parent, Subsidiary or Affiliate.

28.26. “Option” means an award of an option to purchase Shares pursuant to Section 5.

28.27. “Parent” means any corporation (other than the Company) in an unbroken chain of corporations ending with the Company if each of such corporations other than the Company owns stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

28.28. “Participant” means a person who holds an Award under this Plan.

28.29. “Performance Award” means cash or stock granted pursuant to Section 10 or Section 12 of the Plan.

28.30. “Performance Factors” means any of the factors selected by the Committee and specified in an Award Agreement, from among the following objective measures, either individually, alternatively or in any combination, applied to the Company as a whole or any business unit or Subsidiary, either individually, alternatively, or in any combination, on a GAAP or non-GAAP basis, and measured, to the extent applicable on an absolute basis or relative to a pre-established target, to determine whether the performance goals established by the Committee with respect to applicable Awards have been satisfied:

(a) Profit Before Tax;

(b) Sales;

(c) Expenses;

(d) Billings;

(e) Revenue;

(f) Net revenue;

(g) Earnings (which may include earnings before interest and taxes, earnings before taxes, net earnings, stock-based compensation expenses, depreciation and amortization);

(h) Operating income;

(i) Operating margin;

(j) Operating profit;

(k) Controllable operating profit, or net operating profit;

(l) Net Profit;

(m) Gross margin;

(n) Operating expenses or operating expenses as a percentage of revenue;

(o) Net income;

(p) Earnings per share;

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- (q) Total stockholder return;
 - (r) Market share;
 - (s) Return on assets or net assets;
 - (t) The Company's stock price;
 - (u) Growth in stockholder value relative to a pre-determined index;
 - (v) Return on equity;
 - (w) Return on invested capital;
 - (x) Cash Flow (including free cash flow or operating cash flows)
 - (y) Balance of cash, cash equivalents and marketable securities;
 - (z) Cash conversion cycle; (aa) Economic value added;
 - (bb) Individual confidential business objectives; (cc) Contract awards or backlog;
 - (dd) Overhead or other expense reduction; (ee) Credit rating;
 - (ff) Completion of an identified special project;
 - (gg) Completion of a joint venture or other corporate transaction; (hh) Strategic plan development and implementation;
 - (ii) Succession plan development and implementation; (jj) Improvement in workforce diversity;
 - (kk) Employee satisfaction; (ll) Employee retention;
 - (mm) Customer indicators and satisfaction; (nn) New product invention or innovation;
 - (oo) Research and development expenses;
 - (pp) Attainment of research and development milestones; (qq) Improvements in productivity;
 - (rr) Bookings;
 - (ss) Working-capital targets and changes in working capital; and (tt) Attainment of objective operating goals and employee metrics.

The Committee may, in recognition of unusual or non-recurring items such as acquisition-related activities or changes in applicable accounting rules, provide for one or more equitable adjustments (based on objective standards) to the Performance Factors to preserve the Committee's original intent regarding the Performance Factors at the time of the initial award grant. It is within the sole discretion of the Committee to make or not make any such equitable adjustments.

28.31. "Performance Period" means one or more periods of time, which may be of varying and overlapping durations, as the Committee may select, over which the attainment of one or more Performance Factors will be measured for the purpose of determining a Participant's right to, and the payment of, a Performance Award.

28.32. “Performance Share” means an Award granted pursuant to Section 10 or Section 12 of the Plan, the payment of which is contingent upon achieving certain performance goals established by the Committee.

28.33. “Performance Unit” means a right granted to a Participant pursuant to Section 10 or Section 12, to receive Stock, the payment of which is contingent upon achieving certain performance goals established by the Committee”

28.34. “Permitted Transferee” means any child, stepchild, grandchild, parent, stepparent, grandparent, spouse, former spouse, sibling, niece, nephew, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law (including adoptive relationships) of the Employee, any person sharing the Employee’s household (other than a tenant or employee), a trust in which these persons (or the Employee) have more than 50% of the beneficial interest, a foundation in which these persons (or the Employee) control the management of assets, and any other entity in which these persons (or the Employee) own more than 50% of the voting interests.

28.35. “Plan” means this Aeglea BioTherapeutics, Inc. 2016 Equity Incentive Plan, as amended.

28.36. “Purchase Price” means the price to be paid for Shares acquired under the Plan, other than Shares acquired upon exercise of an Option or SAR.

28.37. “Restricted Stock Award” means an award of Shares pursuant to Section 6 or Section 12 of the Plan, or issued pursuant to the early exercise of an Option.

28.38. “Restricted Stock Unit” means an Award granted pursuant to Section 9 or Section 12 of the Plan.

28.39. “SEC” means the United States Securities and Exchange Commission.

28.40. “Securities Act” means the United States Securities Act of 1933, as amended.

28.41. “Service” shall mean service as an Employee, Consultant, Director or Non-Employee Director, to the Company or a Parent, Subsidiary or Affiliate, subject to such further limitations as may be set forth in the Plan or the applicable Award Agreement. An Employee will not be deemed to have ceased to provide Service in the case of (a) sick leave, (b) military leave, or (c) any other leave of absence approved by the Company; provided, that such leave is for a period of not more than 90 days (x) unless reemployment upon the expiration of such leave is guaranteed by contract or statute, or (y) unless provided otherwise pursuant to formal policy adopted from time to time by the Company’s Board and issued and promulgated to employees in writing. In the case of any Employee on an approved leave of absence or a reduction in hours worked (for illustrative purposes only, a change in schedule from that of full-time to part-time), the Committee may make such provisions respecting suspension of or modification to vesting of the Award while on leave from the employ of the Company or a Parent, Subsidiary or Affiliate or during such change in working hours as it may deem appropriate, except that in no event may an Award be exercised after the expiration of the term set forth in the applicable Award Agreement. In the event of military leave, if required by applicable laws, vesting shall continue for the longest period that vesting continues under any other statutory or Company approved leave of absence and, upon a Participant’s returning from military leave (under conditions that would entitle him or her to protection upon such return under the Uniform Services Employment and Reemployment Rights Act), he or she shall be given vesting credit with respect to Awards to the same extent as would have applied had the Participant continued to provide Service to the Company throughout the leave on the same terms as he or she was providing Service immediately prior to such leave. An employee shall have terminated employment as of the date he or she ceases to provide Service (regardless of whether the termination is in breach of local employment laws or is later found to be invalid) and employment shall not be extended by any notice period or garden leave mandated by local law, *provided however*, that a change in status from an employee to a consultant or advisor shall not terminate the service provider’s Service, unless determined by the Committee, in its discretion. The Committee will have sole discretion to determine whether a Participant has ceased to provide Service and the effective date on which the Participant ceased to provide Service.

28.42. “Shares” means shares of Common Stock and the common stock of any successor entity.

28.43. “Stock Appreciation Right” means an Award granted pursuant to Section 8 or Section 12 of the Plan.

28.44. “*Stock Bonus*” means an Award granted pursuant to Section 7 or Section 12 of the Plan.

28.45. “*Subsidiary*” means any corporation (other than the Company) in an unbroken chain of corporations beginning with the Company if each of the corporations other than the last corporation in the unbroken chain owns stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

28.46. “*Treasury Regulations*” means regulations promulgated by the United States Treasury Department.

28.47. “*Unvested Shares*” means Shares that have not yet vested or are subject to a right of repurchase in favor of the Company (or any successor thereto).

**FIRST AMENDMENT TO THE
AEGLEA BIOTHERAPEUTICS, INC.
2016 EQUITY INCENTIVE PLAN**

WHEREAS, Aeglea Biotherapeutics, Inc., a Delaware corporation (the “Company”) maintains the Aeglea Biotherapeutics, Inc. 2016 Equity Incentive Plan (as amended, the “Plan”); and

WHEREAS, pursuant to Section 24 of the Plan, the Board of Directors (the “Board”) may amend the Plan at any time.

NOW, THEREFORE, pursuant to its authority under Section 24 of the Plan, the Board hereby amends the Plan as follows, effective as of June 22, 2023 (the “Amendment Effective Date”):

1. Section 2.5 of the Plan is hereby amended and restated in its entirety to read as follows:

“2.5 Limitations. No more than 8,200,000 Shares shall be issued pursuant to the exercise of ISOs.”
2. This First Amendment shall be governed by and construed in accordance with the laws of the State of Delaware (excluding its conflict of law rules).
3. All capitalized terms used but not otherwise defined herein shall have the meaning assigned to them in the Plan. Except as expressly amended hereby, the Plan shall remain in full force and effect in accordance with its terms.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has executed this First Amendment to the Aeglea Biotherapeutics, Inc. 2016 Equity Incentive Plan, effective as of the Amendment Effective Date.

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Jonathan Alspaugh

Name: Jonathan Alspaugh

Title: President and Chief Financial Officer

AEGLEA BIOTHERAPEUTICS, INC.

2016 EMPLOYEE STOCK PURCHASE PLAN

1. PURPOSE. Aeglea BioTherapeutics, Inc. has adopted this Plan effective as of the date of the IPO. The purpose of this Plan is to provide eligible employees of the Company and the Participating Corporations with a means of acquiring an equity interest in the Company and to enhance such employees' sense of participation in the Company's affairs. Capitalized terms not defined elsewhere in the text are defined in Section 28.

2. ESTABLISHMENT OF PLAN. The Company proposes to grant rights to purchase shares of Common Stock to eligible employees of the Company and its Participating Corporations pursuant to this Plan. The Company intends this Plan to qualify as an "employee stock purchase plan" under Section 423 of the Code (including any amendments to or replacements of such Section), and this Plan shall be so construed, although the Company makes no undertaking or representation to maintain such qualification. Any term not expressly defined in this Plan but defined in Section 423 of the Code shall have the definition provided by Section 423 of the Code. In addition, with regard to offers of options to purchase shares of Common Stock under the Plan to employees working for a Subsidiary or an Affiliate outside the United States, this Plan authorizes the grant of options under a Non-Section 423 Component that is not intended to meet the requirements of Section 423 of the Code provided that, to the extent necessary under Section 423 of the Code, the other terms and conditions of this Plan are met.

Subject to Section 14, a total of 165,000 shares of Common Stock is reserved for issuance under this Plan. In addition, on each January 1 for each of the calendar years beginning 2019 and ending 2026, the aggregate number of shares of Common Stock reserved for issuance under the Plan shall be increased automatically by the number of shares equal to one percent (1%) of the total number of outstanding shares of Common Stock and Common Stock equivalents outstanding on the immediately preceding December 31 (rounded down to the nearest whole share); provided, that the Board may in its sole discretion reduce the amount of the increase in any particular year. Subject to Section 14, no more than 2,900,000 shares of Common Stock may be issued over the term of this Plan. The number of shares initially reserved for issuance under this Plan and the maximum number of shares that may be issued under this Plan shall be subject to adjustments effected in accordance with Section 14. Any or all such shares may be granted under the Section 423 Component.

3. ADMINISTRATION. The Plan will be administered by the Committee. Subject to the provisions of this Plan and the limitations of Section 423 of the Code or any successor provision in the Code, all questions of interpretation or application of this Plan shall be determined by the Committee and its decisions shall be final and binding upon all eligible employees and Participants. The Committee will have full and exclusive discretionary authority to construe, interpret and apply the terms of this Plan, to determine eligibility, to designate the Participating Corporations, to determine whether Participating Corporations shall participate in the Section 423 Component or Non-Section 423 Component and to decide upon any and all claims filed under the Plan. Every finding, decision and determination made by the Committee will, to the full extent permitted by law, be final and binding upon all parties. Notwithstanding any provision to the contrary in this Plan, the Committee may adopt rules, sub-plans, and/or procedures relating to the operation and administration of this Plan designed to comply with local laws, regulations or customs or to achieve tax, securities law or other objectives for eligible employees outside of the United States. The Committee will have the authority to determine the Fair Market Value of the Common Stock (which determination shall be final, binding and conclusive for all purposes) in accordance with Section 8 below and to interpret Section 8 of this Plan in connection with circumstances that impact the Fair Market Value. Members of the Committee shall receive no compensation for their services in connection with the administration of this Plan, other than standard fees as established from time to time by the Board for services rendered by Board members serving on Board committees. All expenses incurred in connection with the administration of this Plan shall be paid by the Company. For purposes of this Plan, the Committee may designate separate offerings under the Plan (the terms of which need not be identical) in which eligible employees of one or more Participating Corporations will participate, even if the dates of the applicable Offering Periods of each such offering are identical.

4. ELIGIBILITY.

(a) Any employee of the Company or the Participating Corporations is eligible to participate in an Offering Period under this Plan, except that one or more of the following categories of employees may be excluded from eligibility under this Plan by the Committee (other than where such exclusion is prohibited by applicable law):

(i) employees who are customarily employed for twenty (20) hours or less per week;

(ii) employees who are customarily employed for five (5) months or less in a calendar year; and

(iii) employees who do not meet any other eligibility requirements that the Committee may choose to impose (within the limits permitted by the Code).

Notwithstanding the foregoing, an individual shall not be eligible if his or her participation in this Plan is prohibited by the law of any country having jurisdiction over him or her, if complying with the laws of the applicable country would cause the Plan to violate Section 423 of the Code, or if he or she is subject to a collective bargaining agreement that does not provide for participation in this Plan.

(b) No employee who, together with any other person whose stock would be attributed to such employee pursuant to Section 424(d) of the Code, owns stock or holds options to purchase stock possessing five percent (5%) or more of the total combined voting power or value of all classes of stock of the Company or its Parent or Subsidiary or who, as a result of being granted an option under this Plan with respect to such Offering Period, would own stock or hold options to purchase stock possessing five percent (5%) or more of the total combined voting power or value of all classes of stock of the Company or its Parent or Subsidiary shall be granted an option to purchase Common Stock under this Plan. Notwithstanding the foregoing, the rules of Section 424(d) of the Code shall apply in determining share ownership and the extent to which shares held under outstanding equity awards are to be treated as owned by the employee.

5. OFFERING DATES.

(a) Each Offering Period of this Plan may be of up to twenty-seven (27) months' duration and shall commence and end at the times designated by the Committee. Each Offering Period shall consist of one Purchase Period during which Contributions made by Participants are accumulated under this Plan.

(b) The initial Offering Period shall commence on the Effective Date and shall end with the Purchase Date that occurs on August 15, 2016 or another date selected by the Committee which is approximately six (6) months after the commencement of the initial Offering Period, but no more than twenty-seven (27) months after the commencement of the initial Offering period. The initial Offering Period shall consist of one Purchase Period. Thereafter, a six-month Offering Period shall commence on each February 16 and August 16, with each such Offering Period also consisting of one six-month Purchase Period, except as otherwise provided by an applicable sub-plan, or on such other date determined by the Committee. The Committee may at any time establish a different duration for an Offering Period or Purchase Period to be effective after the next scheduled Purchase Date, up to a maximum duration of twenty-seven (27) months.

(c) To the extent applicable, if the Fair Market Value on the first day of the current Offering Period in which a Participant is enrolled is higher than the Fair Market Value on the first day of any subsequent Purchase Period, the current Offering Period shall end, and Participant shall be automatically enrolled in the subsequent Offering Period, as specified under Section 5(a) or Section 5(b), as applicable. Any funds accumulated in a Participant's account prior to the first day of such subsequent Offering Period will be applied to the purchase of shares on the Purchase Date immediately prior to the first day of such subsequent Offering Period, if any.

6. PARTICIPATION IN THIS PLAN.

(a) Any employee who is an eligible employee determined in accordance with Section 4 immediately prior to the initial Offering Period will be automatically enrolled in the initial Offering Period under this Plan for the maximum number of shares of Common Stock purchasable. With respect to subsequent Offering Periods, any eligible employee determined in accordance with Section 4 will be eligible to participate in this Plan, subject to the requirement of Section 6(b) hereof and the other terms and provisions of this Plan.

(b) With respect to Offering Periods after the initial Offering Period, a Participant may elect to participate in this Plan by submitting an enrollment agreement prior to the commencement of the Offering Period (or such earlier date as the Committee may determine) to which such agreement relates.

(c) Once an employee becomes a Participant in an Offering Period, then such Participant will automatically participate in each subsequent Offering Period commencing immediately following the last day of the prior Offering Period unless the Participant withdraws or is deemed to withdraw from this Plan or terminates further participation in an Offering Period as set forth in Section 11 below. A Participant who is continuing participation pursuant to the preceding sentence is not required to file any additional enrollment agreement in order to continue participation in this Plan; a Participant who is not continuing participation pursuant to the preceding sentence is required to file an enrollment agreement prior to the commencement of the Offering Period (or such earlier date as the Committee may determine) to which such agreement relates.

7. GRANT OF OPTION ON ENROLLMENT. Becoming a Participant with respect to an Offering Period will constitute the grant (as of the Offering Date) by the Company to such Participant of an option to purchase on the Purchase Date up to that number of shares of Common Stock of the Company determined by a fraction, the numerator of which is the amount accumulated in such Participant's Contribution account during such Purchase Period and the denominator of which is the lower of (i) eighty-five percent (85%) of the Fair Market Value of a share of Common Stock on the Offering Date (but in no event less than the par value of a share of the Common Stock), or (ii) eighty-five percent (85%) of the Fair Market Value of a share of the Common Stock on the Purchase Date; provided, however, that for the Purchase Period within the initial Offering Period the numerator shall be fifteen percent (15%) of the Participant's compensation for such Purchase Period, or such lower percentage as determined by the Committee prior to the start of the Offering Period, and provided, further, that the number of shares of Common Stock subject to any option granted pursuant to this Plan shall not exceed the lesser of (x) the maximum number of shares set by the Committee pursuant to Section 10(b) below with respect to the applicable Purchase Date, or (y) the maximum number of shares which may be purchased pursuant to Section 10(a) below with respect to the applicable Purchase Date.

8. PURCHASE PRICE. The Purchase Price per share at which a share of Common Stock will be sold in any Offering Period shall be eighty-five percent (85%) of the lesser of:

(a) The Fair Market Value on the Offering Date; or

(b) The Fair Market Value on the Purchase Date.

9. PAYMENT OF PURCHASE PRICE; CONTRIBUTION CHANGES; SHARE ISSUANCES.

(a) The Purchase Price shall be accumulated by regular payroll deductions made during each Offering Period, unless the Committee determines with respect to categories of Participants outside the United States that Contributions may be made in another form due to local legal requirements. The Contributions are made as a percentage of the Participant's Compensation in one percent (1%) increments not less than one percent (1%), nor greater than fifteen percent (15%) or such lower limit set by the Committee. **"Compensation"** shall mean base salary (or in foreign jurisdictions, equivalent cash compensation); however, the Committee may at any time prior to the beginning of an Offering Period determine that for that and future Offering Periods, Compensation shall mean all cash compensation reported on the employee's Form W-2 or corresponding local country tax return, including without limitation base salary or regular hourly wages, bonuses, incentive compensation, commissions, overtime, shift premiums, and draws against commissions. For purposes of determining a Participant's Compensation, any election by such Participant to reduce his or her regular cash remuneration under Sections 125 or 401(k) of the Code (or in

foreign jurisdictions, equivalent salary deductions) shall be treated as if the Participant did not make such election. Contributions shall commence on the first payday following the last Purchase Date (with respect to the initial Offering Period, as soon as practicable following the effective date of filing with the U.S. Securities and Exchange Commission a securities registration statement for the Plan) and shall continue to the end of the Offering Period unless sooner altered or terminated as provided in this Plan. Notwithstanding the foregoing, the terms of any sub-plan may permit matching shares without the payment of any purchase price.

(b) A Participant may decrease the rate of Contributions during an Offering Period by filing with the Company or a third party designated by the Company a new authorization for Contributions, with the new rate to become effective no later than the second payroll period commencing after the Company's receipt of the authorization and continuing for the remainder of the Offering Period unless changed as described below. A decrease in the rate of Contributions may be made once during an Offering Period, but up to twice during the initial Offering Period, or more frequently under rules determined by the Committee. A Participant may increase or decrease the rate of Contributions for any subsequent Offering Period by filing with the Company or a third party designated by the Company a new authorization for Contributions prior to the beginning of such Offering Period, or such other time period as specified by the Committee.

(c) A Participant may reduce his or her Contribution percentage to zero during an Offering Period by filing with the Company or a third party designated by the Company a request for cessation of Contributions. Such reduction shall be effective beginning no later than the second payroll period after the Company's receipt of the request and no further Contributions will be made for the duration of the Offering Period. Contributions credited to the Participant's account prior to the effective date of the request shall be used to purchase shares of Common Stock in accordance with Subsection (e) below. A reduction of the Contribution percentage to zero shall be treated as such Participant's withdrawal from such Offering Period and the Plan, effective as of the day after the next Purchase Date following the filing date of such request with the Company.

(d) All Contributions made for a Participant are credited to his or her book account under this Plan and are deposited with the general funds of the Company, except to the extent local legal restrictions outside the United States require segregation of such Contributions. No interest accrues on the Contributions, except to the extent required due to local legal requirements. All Contributions received or held by the Company may be used by the Company for any corporate purpose, and the Company shall not be obligated to segregate such Contributions, except to the extent necessary to comply with local legal requirements outside the United States.

(e) On each Purchase Date, so long as this Plan remains in effect and provided that the Participant has not submitted a signed and completed withdrawal form before that date which notifies the Company that the Participant wishes to withdraw from that Offering Period under this Plan and have all Contributions accumulated in the account maintained on behalf of the Participant as of that date returned to the Participant, the Company shall apply the funds then in the Participant's account to the purchase of whole shares of Common Stock reserved under the option granted to such Participant with respect to the Offering Period to the extent that such option is exercisable on the Purchase Date. The Purchase Price per share for such automatic purchase shall be as specified in Section 8 of this Plan. Any fractional share, as calculated under this Subsection (e), shall be rounded down to the next lower whole share, unless the Committee determines with respect to all Participants that any fractional share shall be credited as a fractional share. Any amount remaining in a Participant's account on a Purchase Date that is less than the amount necessary to purchase a full share of Common Stock shall be returned to the Participant, without interest (except to the extent necessary to comply with local legal requirements outside the United States); however, the Committee may provide that such amounts may be carried forward into the next Purchase Period or Offering Period, as the case may be. In the event that this Plan has been oversubscribed, all funds not used to purchase shares on the Purchase Date shall be returned to the Participant, without interest (except to the extent required due to local legal requirements outside the United States). No Common Stock shall be purchased on a Purchase Date on behalf of any employee whose participation in this Plan has terminated prior to such Purchase Date, except to the extent required due to local legal requirements outside the United States.

(f) As promptly as practicable after the Purchase Date, the Company shall issue shares for the Participant's benefit representing the shares purchased upon exercise of his or her option to purchase shares hereunder.

(g) During a Participant's lifetime, his or her option to purchase shares hereunder is exercisable only by him or her. The Participant will have no interest or voting right in shares covered by his or her option until such option has been exercised.

(h) To the extent required by applicable federal, state, local or foreign law, a Participant shall make arrangements satisfactory to the Company and the Participating Corporation employing the Participant for the satisfaction of any withholding tax obligations that arise in connection with the Plan. The Company or any Subsidiary or Affiliate, as applicable, may withhold, by any method permissible under the applicable law, the amount necessary for the Company or Subsidiary or Affiliate, as applicable, to meet applicable withholding obligations, including any withholding required to make available to the Company or Subsidiary or Affiliate, as applicable, any tax deductions or benefits attributable to the sale or early disposition of shares of Common Stock by a Participant. The Company shall not be required to issue any shares of Common Stock under the Plan until such obligations are satisfied.

10. LIMITATIONS ON SHARES TO BE PURCHASED.

(a) Any other provision of the Plan notwithstanding, no Participant shall purchase Common Stock with a Fair Market Value in excess of the following limit:

(i) In the case of Common Stock purchased during an Offering Period that commenced in the current calendar year, the limit shall be equal to (A) \$25,000 minus (B) the Fair Market Value of the Common Stock that the Participant previously purchased in the current calendar year (under this Plan and all other employee stock purchase plans of the Company or any Parent or Subsidiary).

(ii) In the case of Common Stock purchased during an Offering Period that commenced in the immediately preceding calendar year, the limit shall be equal to (A) \$50,000 minus (B) the Fair Market Value of the Common Stock that the Participant previously purchased (under this Plan and all other employee stock purchase plans of the Company or any Parent or Subsidiary) in the current calendar year and in the immediately preceding calendar year.

For purposes of this Subsection (a), the Fair Market Value of Common Stock shall be determined in each case as of the beginning of the Offering Period in which such Common Stock is purchased. Employee stock purchase plans not described in Section 423 of the Code shall be disregarded. If a Participant is precluded by this Subsection (a) from purchasing additional Common Stock under the Plan, then his or her Contributions shall automatically be discontinued and shall automatically resume at the beginning of the earliest Purchase Period that will end in the next calendar year (if he or she then is an eligible employee), provided that when the Company automatically resumes such Contributions, the Company must apply the rate in effect immediately prior to such suspension.

(b) In no event shall a Participant be permitted to purchase more than 2,000 shares on any one Purchase Date, or such lesser number as the Committee shall determine. If a lower limit is set under this Subsection (b), then all Participants will be notified of such limit prior to the commencement of the next Offering Period for which it is to be effective.

(c) If the number of shares to be purchased on a Purchase Date by all Participants exceeds the number of shares then available for issuance under this Plan, then the Company will make a pro rata allocation of the remaining shares in as uniform a manner as shall be reasonably practicable and as the Committee shall determine to be equitable. In such event, the Company will give notice of such reduction of the number of shares to be purchased under a Participant's option to each Participant affected.

(d) Any Contributions accumulated in a Participant's account that are not used to purchase stock due to the limitations in this Section 10, and not subject to the automatic purchase provision of Section 9(e), shall be returned to the Participant as soon as practicable after the end of the applicable Purchase Period, without interest (except to the extent required due to local legal requirements outside the United States).

11. WITHDRAWAL.

(a) Each Participant may withdraw from an Offering Period under this Plan pursuant to a method specified for such purpose by the Company. Such withdrawal may be elected at any time prior to the end of an Offering Period, or such other time period as specified by the Committee.

(b) Upon withdrawal from this Plan, the accumulated Contributions shall be returned to the withdrawn Participant, without interest (except to the extent required due to local legal requirements outside the United States), and his or her interest in this Plan shall terminate. In the event a Participant voluntarily elects to withdraw from this Plan, he or she may not resume his or her participation in this Plan during the same Offering Period, but he or she may participate in any Offering Period under this Plan which commences on a date subsequent to such withdrawal by filing a new authorization for Contributions in the same manner as set forth in Section 6 above for initial participation in this Plan.

12. TERMINATION OF EMPLOYMENT. Termination of a Participant's employment for any reason, including retirement, death, disability, or the failure of a Participant to remain an eligible employee of the Company or of a Participating Corporation, immediately terminates his or her participation in this Plan (except as required due to local legal requirements outside the United States). In such event, accumulated Contributions credited to the Participant's account will be returned to him or her or, in the case of his or her death, to his or her legal representative, without interest (except to the extent required due to local legal requirements outside the United States). For purposes of this Section 12, an employee will not be deemed to have terminated employment or failed to remain in the continuous employ of the Company or of a Participating Corporation in the case of sick leave, military leave, or any other leave of absence approved by the Company; provided that such leave is for a period of not more than ninety (90) days or reemployment upon the expiration of such leave is guaranteed by contract or statute. The Company will have sole discretion to determine whether a Participant has terminated employment and the effective date on which the Participant terminated employment, regardless of any notice period or garden leave required under local law.

13. RETURN OF CONTRIBUTIONS. In the event a Participant's interest in this Plan is terminated by withdrawal, termination of employment or otherwise, or in the event this Plan is terminated by the Board, the Company shall deliver to the Participant all accumulated Contributions credited to such Participant's account. No interest shall accrue on the Contributions of a Participant in this Plan (except to the extent required due to local legal requirements outside the United States).

14. CAPITAL CHANGES. If the number of outstanding shares is changed by a stock dividend, recapitalization, stock split, reverse stock split, subdivision, combination, reclassification or similar change in the capital structure of the Company, without consideration, then the Committee shall adjust the number and class of Common Stock that may be delivered under the Plan, the Purchase Price per share and the number of shares of Common Stock covered by each option under the Plan which has not yet been exercised, and the numerical limits of Sections 2 and 10 shall be proportionately adjusted, subject to any required action by the Board or the stockholders of the Company and in compliance with the applicable securities laws; provided that fractions of a share will not be issued.

15. NONASSIGNABILITY. Neither Contributions credited to a Participant's account nor any rights with regard to the exercise of an option or to receive shares under this Plan may be assigned, transferred, pledged or otherwise disposed of in any way (other than by will, the laws of descent and distribution or as provided in Section 22 below) by the Participant. Any such attempt at assignment, transfer, pledge or other disposition shall be void and without effect.

16. USE OF PARTICIPANT FUNDS AND REPORTS. The Company may use all Contributions received or held by it under the Plan for any corporate purpose, and the Company will not be required to segregate Participant Contributions (except to the extent required due to local legal requirements outside the United States). Until shares are issued, Participants will only have the rights of an unsecured creditor unless otherwise required under local law. Each Participant shall receive promptly after the end of each Purchase Period a report of his or her account setting forth the total Contributions accumulated, the number of shares purchased, the per share price thereof and the remaining cash balance, if any, carried forward to the next Purchase Period or Offering Period, as the case may be.

17. NOTICE OF DISPOSITION. Each U.S. taxpayer Participant shall notify the Company in writing if the Participant disposes of any of the shares purchased in any Offering Period pursuant to this Plan if such disposition occurs within two (2) years from the Offering Date or within one (1) year from the Purchase Date on which such shares were purchased (the **“Notice Period”**). The Company may, at any time during the Notice Period, place a legend or legends on any certificate representing shares acquired pursuant to this Plan requesting the Company’s transfer agent to notify the Company of any transfer of the shares. The obligation of the Participant to provide such notice shall continue notwithstanding the placement of any such legend on the certificates.

18. NO RIGHTS TO CONTINUED EMPLOYMENT. Neither this Plan nor the grant of any option hereunder shall confer any right on any employee to remain in the employ of the Company or any Participating Corporation, or restrict the right of the Company or any Participating Corporation to terminate such employee’s employment.

19. EQUAL RIGHTS AND PRIVILEGES. All eligible employees granted an option under the Section 423 Component of this Plan shall have equal rights and privileges with respect to this Plan or within any separate offering under the Plan so that this Plan qualifies as an “employee stock purchase plan” within the meaning of Section 423 or any successor provision of the Code and the related regulations. Any provision of this Plan which is inconsistent with Section 423 or any successor provision of the Code, without further act or amendment by the Company, the Committee or the Board, shall be reformed to comply with the requirements of Section 423. This Section 19 shall take precedence over all other provisions in this Plan.

20. NOTICES. All notices or other communications by a Participant to the Company under or in connection with this Plan shall be deemed to have been duly given when received in the form specified by the Company at the location, or by the person, designated by the Company for the receipt thereof.

21. TERM; STOCKHOLDER APPROVAL. The amendment and restatement of the Plan shall be approved by the stockholders of the Company, in any manner permitted by applicable corporate law, within twelve (12) months before or after the date this amendment and restatement of the Plan is adopted by the Board. The amendment and restatement of the Plan will become effective upon approval by stockholders at the 2018 Annual Meeting of Stockholders. No purchase of shares that are subject to such stockholder approval before becoming available under this Plan shall occur prior to stockholder approval of such shares and the Board or Committee may delay any Purchase Date and postpone the commencement of any Offering Period subsequent to such Purchase Date as deemed necessary or desirable to obtain such approval (provided that if a Purchase Date would occur more than twenty-seven (27) months after commencement of the Offering Period to which it relates, then such Purchase Date shall not occur and instead such Offering Period shall terminate without the purchase of such shares and Participants in such Offering Period shall be refunded their Contributions without interest). If the amendment and restatement of the Plan is not approved by the stockholders of the Company within twelve (12) months before or after the date this amendment and restatement of the Plan is adopted by the Board, then it shall be null and void and the Plan shall continue in effect without the terms approved in the amendment and restatement. This Plan shall continue until the earlier to occur of (a) termination of this Plan by the Board (which termination may be effected by the Board at any time pursuant to Section 25 below), (b) issuance of all of the shares of Common Stock reserved for issuance under this Plan, or (c) the tenth anniversary of the Effective Date under the Plan.

22. DESIGNATION OF BENEFICIARY.

(a) Unless otherwise determined by the Committee, a Participant may file a written designation of a beneficiary who is to receive any cash from the Participant's account under this Plan in the event of such Participant's death prior to a Purchase Date. Such form shall be valid only if it was filed with the Company at the prescribed location before the Participant's death.

(b) If authorized by the Company, such designation of beneficiary may be changed by the Participant at any time by written notice filed with the Company at the prescribed location before the Participant's death. In the event of the death of a Participant and in the absence of a beneficiary validly designated under this Plan who is living at the time of such Participant's death, the Company shall deliver such cash to the executor or administrator of the estate of the Participant or to the legal heirs of the Participant.

23. CONDITIONS UPON ISSUANCE OF SHARES; LIMITATION ON SALE OF SHARES. Shares shall not be issued with respect to an option unless the exercise of such option and the issuance and delivery of such shares pursuant thereto shall comply with all applicable provisions of law, domestic or foreign, including, without limitation, the U.S. Securities Act of 1933, as amended, the U.S. Securities Exchange Act of 1934, as amended, the rules and regulations promulgated thereunder, and the requirements of any stock exchange or automated quotation system upon which the shares may then be listed, exchange control restrictions and/or securities law restrictions outside the United States, and shall be further subject to the approval of counsel for the Company with respect to such compliance. Shares may be held in trust or subject to further restrictions as permitted by any subplan.

24. APPLICABLE LAW. The Plan shall be governed by the substantive laws (excluding the conflict of laws rules) of the State of Delaware.

25. AMENDMENT OR TERMINATION. The Committee, in its sole discretion, may amend, suspend, or terminate the Plan, or any part thereof, at any time and for any reason. Unless otherwise required by applicable law, if the Plan is terminated, the Committee, in its discretion, may elect to terminate all outstanding Offering Periods either immediately or upon completion of the purchase of shares of Common Stock on the next Purchase Date (which may be sooner than originally scheduled, if determined by the Committee in its discretion), or may elect to permit Offering Periods to expire in accordance with their terms (and subject to any adjustment pursuant to Section 14). If an Offering Period is terminated prior to its previously-scheduled expiration, all amounts then credited to Participants' accounts for such Offering Period, which have not been used to purchase shares of Common Stock, shall be returned to those Participants (without interest thereon, except as otherwise required under local laws) as soon as administratively practicable. Further, the Committee will be entitled to change the Purchase Periods and Offering Periods, limit the frequency and/or number of changes in the amount contributed during an Offering Period, establish the exchange ratio applicable to amounts contributed in a currency other than U.S. dollars, permit payroll withholding in excess of the amount designated by a Participant in order to adjust for delays or mistakes in the administration of the Plan, establish reasonable waiting and adjustment periods and/or accounting and crediting procedures to ensure that amounts applied toward the purchase of Common Stock for each Participant properly correspond with amounts contributed from the Participant's base salary and other eligible compensation, and establish such other limitations or procedures as the Committee determines in its sole discretion advisable which are consistent with the Plan. Such actions will not require stockholder approval or the consent of any Participants. However, no amendment shall be made without approval of the stockholders of the Company (obtained in accordance with Section 21 above) within twelve (12) months of the adoption of such amendment (or earlier if required by Section 21) if such amendment would: (a) increase the number of shares that may be issued under this Plan; or (b) change the designation of the employees (or class of employees) eligible for participation in this Plan. In addition, in the event the Board or Committee determines that the ongoing operation of the Plan may result in unfavorable financial accounting consequences, the Board or Committee may, in its discretion and, to the extent necessary or desirable, modify, amend or terminate the Plan to reduce or eliminate such accounting consequences including, but not limited to: (i) amending the definition of compensation, including with respect to an Offering Period underway at the time; (ii) altering the Purchase Price for any Offering Period including an Offering Period underway at the time of the

change in Purchase Price; (iii) shortening any Offering Period by setting a Purchase Date, including an Offering Period underway at the time of the Committee's action; (iv) reducing the maximum percentage of Compensation a participant may elect to set aside as Contributions; and (v) reducing the maximum number of shares a Participant may purchase during any Offering Period. Such modifications or amendments will not require approval of the stockholders of the Company or the consent of any Participants.

26. CORPORATE TRANSACTIONS. In the event of a Corporate Transaction, the Offering Period for each outstanding right to purchase Common Stock will be shortened by setting a new Purchase Date and will end on the new Purchase Date. The new Purchase Date shall occur on or prior to the consummation of the Corporate Transaction, as determined by the Board or Committee, and the Plan shall terminate on the consummation of the Corporate Transaction.

27. CODE SECTION 409A; TAX QUALIFICATION.

(a) Options granted under the Plan generally are exempt from the application of Section 409A of the Code. However, options granted to U.S. taxpayers which are not intended to meet the Code Section 423 requirements are intended to be exempt from the application of Section 409A of the Code under the short-term deferral exception and any ambiguities shall be construed and interpreted in accordance with such intent. Subject to Subsection (b), options granted to U.S. taxpayers outside of the Code Section 423 requirements shall be subject to such terms and conditions that will permit such options to satisfy the requirements of the short-term deferral exception available under Section 409A of the Code, including the requirement that the shares of Common Stock subject to an option be delivered within the short-term deferral period. Subject to Subsection (b), in the case of a Participant who would otherwise be subject to Section 409A of the Code, to the extent the Committee determines that an option or the exercise, payment, settlement or deferral thereof is subject to Section 409A of the Code, the option shall be granted, exercised, paid, settled or deferred in a manner that will comply with Section 409A of the Code, including Treasury regulations and other interpretive guidance issued thereunder, including without limitation any such regulations or other guidance that may be issued after the Effective Date. Notwithstanding the foregoing, the Company shall have no liability to a Participant or any other party if the option that is intended to be exempt from or compliant with Section 409A of the Code is not so exempt or compliant or for any action taken by the Committee with respect thereto.

(b) Although the Company may endeavor to (i) qualify an option for favorable tax treatment under the laws of the United States or jurisdictions outside of the United States or (ii) avoid adverse tax treatment (e.g., under Section 409A of the Code), the Company makes no representation to that effect and expressly disavows any covenant to maintain favorable or avoid unfavorable tax treatment, notwithstanding anything to the contrary in this Plan, including Subsection (a). The Company shall be unconstrained in its corporate activities without regard to the potential negative tax impact on Participants under the Plan.

28. DEFINITIONS.

(a) **"Affiliate"** means any entity, other than a Subsidiary or Parent, (i) that, directly or indirectly, is controlled by, controls or is under common control with, the Company and (ii) in which the Company has a significant equity interest, in either case as determined by the Committee, whether now or hereafter existing.

(b) **"Board"** shall mean the Board of Directors of the Company.

(c) **"Code"** shall mean the U.S. Internal Revenue Code of 1986, as amended.

(d) **"Committee"** shall mean the Compensation Committee of the Board that consists exclusively of one or more members of the Board appointed by the Board.

(e) **"Common Stock"** shall mean the common stock of the Company.

(f) **“Company”** shall mean Aeglea Biotherapeutics, Inc.

(g) **“Contributions”** means payroll deductions taken from a Participant’s Compensation and used to purchase shares of Common Stock under the Plan and, to the extent payroll deductions are not permitted by applicable laws (as determined by the Committee in its sole discretion) contributions by other means, provided, however, that allowing such other contributions does not jeopardize the qualification of the Plan as an “employee stock purchase plan” under Section 423 of the Plan.

(h) **“Corporate Transaction”** means the occurrence of any of the following events:

(i) any “person” (as such term is used in Sections 13(d) and 14(d) of the Exchange Act) becomes the “beneficial owner” (as defined in Rule 13d-3 of the Exchange Act), directly or indirectly, of securities of the Company representing fifty percent (50%) or more of the total voting power represented by the Company’s then outstanding voting securities; or (ii) the consummation of the sale or disposition by the Company of all or substantially all of the Company’s assets; or (iii) the consummation of a merger or consolidation of the Company with any other corporation, other than a merger or consolidation which would result in the voting securities of the Company outstanding immediately prior thereto continuing to represent (either by remaining outstanding or by being converted into voting securities of the surviving entity or its parent) at least fifty percent (50%) of the total voting power represented by the voting securities of the Company or such surviving entity or its parent outstanding immediately after such merger or consolidation.

(i) **“Effective Date”** shall mean the date on which the Registration Statement covering the initial public offering of the shares of Common Stock is declared effective by the U.S. Securities and Exchange Commission.

(j) **“Fair Market Value”** shall mean, as of any date, the value of a share of Common Stock determined as follows:

(1) if such Common Stock is then quoted on the Nasdaq Global Select Market, the Nasdaq Global Market or the Nasdaq Capital Market (collectively, the **“Nasdaq Market”**), its closing price on the Nasdaq Market on the date of determination, or if there are no sales for such date, then the last preceding business day on which there were sales, as reported in *The Wall Street Journal* or such other source as the Board or the Committee deems reliable; or

(2) if such Common Stock is publicly traded and is then listed on a national securities exchange, its closing price on the date of determination on the principal national securities exchange on which the Common Stock is listed or admitted to trading as reported in *The Wall Street Journal* or such other source as the Board or the Committee deems reliable; or

(3) if such Common Stock is publicly traded but is neither quoted on the Nasdaq Market nor listed or admitted to trading on a national securities exchange, the average of the closing bid and asked prices on the date of determination as reported in *The Wall Street Journal* or such other source as the Board or the Committee deems reliable; or

(4) with respect to the initial Offering Period, Fair Market Value on the Offering Date shall be the price at which shares of Common Stock are offered to the public pursuant to the Registration Statement covering the initial public offering of shares of Common Stock; or

(5) if none of the foregoing is applicable, by the Board or the Committee in good faith.

(k) **“IPO”** shall mean the initial public offering of Common Stock.

(l) **“Non-Section 423 Component”** means the part of the Plan which is not intended to meet the requirements set forth in Section 423 of the Code.

(m) **“Notice Period”** shall mean within two (2) years from the Offering Date or within one (1) year from the Purchase Date on which such shares were purchased.

(n) **“Offering Date”** shall mean the first business day of each Offering Period. However, for the initial Offering Period the Offering Date shall be the Effective Date.

(o) **“Offering Period”** shall mean a period with respect to which the right to purchase Common Stock may be granted under the Plan, as determined by the Committee pursuant to Section 5(a).

(p) **“Parent”** shall have the same meaning as “parent corporation” in Sections 424(e) and 424(f) of the Code.

(q) **“Participant”** shall mean an eligible employee who meets the eligibility requirements set forth in Section 4 and who is either automatically enrolled in the initial Offering Period or who elects to participate in this Plan pursuant to Section 6(b).

(r) **“Participating Corporation”** shall mean any Parent, Subsidiary or Affiliate that the Committee designates from time to time as eligible to participate in this Plan. For purposes of the Section 423 Component, only the Parent and Subsidiaries may be Participating Corporations, provided, however, that at any given time a Parent or Subsidiary that is a Participating Corporation under the Section 423 Component shall not be a Participating Corporation under the Non-Section 423 Component.

The Committee may provide that any Participating Corporation shall only be eligible to participate in the Non-Section 423 Component.

(s) **“Plan”** shall mean this Aeglea BioTherapeutics, Inc. 2016 Employee Stock Purchase Plan, as may be amended from time to time.

(t) **“Purchase Date”** shall mean the last business day of each Purchase Period.

(u) **“Purchase Period”** shall mean a period during which Contributions may be made toward the purchase of Common Stock under the Plan, as determined by the Committee pursuant to Section 5(b).

(v) **“Purchase Price”** shall mean the price at which Participants may purchase shares of Common Stock under the Plan, as determined pursuant to Section 8.

(w) **“Section 423 Component”** means the part of the Plan, which excludes the Non- Section 423 Component, pursuant to which options to purchase shares of Common Stock under the Plan that satisfy the requirements for “employee stock purchase plans” set forth in Section 423 of the Code may be granted to eligible employees.

(x) **“Subsidiary”** shall have the same meaning as “subsidiary corporation” in Sections 424(e) and 424(f) of the Code.

AEGLEA BIOTHERAPEUTICS, INC.

2018 EQUITY INDUCEMENT PLAN

1. PURPOSE. The purpose of this Plan is to provide incentives to attract eligible persons whose potential contributions are important to the success of the Company, and any Parents, Subsidiaries and Affiliates that exist now or in the future, by offering them an opportunity to participate in the Company's future performance through the grant of Awards. Each Award granted under the Plan is intended to qualify as an employment inducement award pursuant to Nasdaq Stock Market Rule 5635(c)(4), and shall be interpreted and administered accordingly. Capitalized terms not defined elsewhere in the text are defined in Section 21.

2. SHARES SUBJECT TO THE PLAN.

2.1. Number of Shares Available. Subject to Sections 2.4 and 15 and any other applicable provisions hereof, the total number of Shares reserved and available for grant and issuance pursuant to this Plan as of the date of adoption of the Plan by the Board is 1,100,000.

2.2. Lapsed, Returned Awards. Shares subject to Awards, and Shares issued under the Plan under any Award, will again be available for grant and issuance in connection with subsequent Awards under this Plan to the extent such Shares: (a) are subject to issuance upon exercise of an Option granted under this Plan but which cease to be subject to the Option for any reason other than exercise of the Option; (b) are subject to Awards granted under this Plan that are forfeited; or (c) are subject to Awards granted under this Plan that otherwise terminate without such Shares being issued. To the extent an Award under the Plan is paid out in cash or other property rather than Shares, such cash payment will not result in reducing the number of Shares available for issuance under the Plan. Shares used to pay the exercise price of an Award or withheld to satisfy the tax withholding obligations related to an Award will become available for future grant or sale under the Plan.

2.3. Minimum Share Reserve. At all times the Company shall reserve and keep available a sufficient number of Shares as shall be required to satisfy the requirements of all outstanding Awards granted under this Plan.

2.4. Adjustment of Shares. If the number of outstanding shares of Common Stock of the Company is changed by a stock dividend, recapitalization, stock split, reverse stock split, subdivision, combination, reclassification or similar change in the capital structure of the Company, without consideration, then (a) the number of Shares reserved for issuance and future grant under the Plan set forth in Section 2.1, (b) the Exercise Prices of and number of Shares subject to outstanding Options, and (c) the number of Shares subject to other outstanding Awards shall be proportionately adjusted, subject to any required action by the Board or the stockholders of the Company and in compliance with applicable securities laws; provided that fractions of a Share will not be issued.

3. ELIGIBILITY. Awards may be granted only to a person who, at the time of grant (a) has not previously been an Employee or Director, or (b) is commencing employment following a bona fide period of non-employment by the Company or any Subsidiary; provided that in each case, the grant of the Award is made as a material inducement to his or her commencement as an employee of the Company or a Subsidiary.

4. ADMINISTRATION.

4.1. Committee Composition; Authority. This Plan will be administered by the Committee or by the Board acting as the Committee; provided that any action taken by the Board in connection with the administration of the Plan shall not be deemed approved by the Board unless such actions are approved by a majority of the Non-Employee Directors. Subject to the general purposes, terms and conditions of this Plan, and to the direction of the Board, the Committee will have full power to implement and carry out this Plan. The Committee will have the authority to:

- (a) construe and interpret this Plan, any Award Agreement and any other agreement or document executed pursuant to this Plan;
- (b) prescribe, amend and rescind rules and regulations relating to this Plan or any Award;
- (c) select persons to receive Awards;
- (d) determine the form and terms and conditions, not inconsistent with the terms of the Plan, of any Award granted hereunder. Such terms and conditions include, but are not limited to, the exercise price, the time or times when Awards may vest and be exercised (which may be based on performance criteria) or settled, any vesting acceleration or waiver of forfeiture restrictions, the method to satisfy tax withholding obligations or any other tax liability legally due and any restriction or limitation regarding any Award or the Shares relating thereto, based in each case on such factors as the Committee will determine;
- (e) determine the number of Shares or other consideration subject to Awards;
- (f) determine the Fair Market Value in good faith and interpret the applicable provisions of this Plan and the definition of Fair Market Value in connection with circumstances that impact the Fair Market Value, if necessary;
- (g) determine whether Awards will be granted singly, in combination with, in tandem with, or as alternatives to, other Awards under this Plan or any other incentive or compensation plan of the Company or any Parent, Subsidiary or Affiliate;
- (h) grant waivers of Plan or Award conditions;
- (i) determine the vesting, exercisability and payment of Awards;
- (j) correct any defect, supply any omission or reconcile any inconsistency in this Plan, any Award or any Award Agreement;
- (k) determine whether an Award has been earned;
- (l) reduce or waive any criteria with respect to Performance Factors;
- (m) adjust Performance Factors to take into account changes in law and accounting or tax rules as the Committee deems necessary or appropriate to reflect the impact of extraordinary or unusual items, events or circumstances to avoid windfalls or hardships;
- (n) adopt rules and/or procedures (including the adoption of any subplan under this Plan) relating to the operation and administration of the Plan to accommodate requirements of local law and procedures outside of the United States;
- (o) make all other determinations necessary or advisable for the administration of this Plan; and

(p) to exercise negative discretion on Performance Awards, reducing or eliminating the amount to be paid to Participants.

4.2. Committee Interpretation and Discretion. Any determination made by the Committee with respect to any Award shall be made in its sole discretion at the time of grant of the Award or, unless in contravention of any express term of the Plan or Award, at any later time, and such determination shall be final and binding on the Company and all persons having an interest in any Award under the Plan. Any dispute regarding the interpretation of the Plan or any Award Agreement shall be submitted by the Participant or Company to the Committee for review. The resolution of such a dispute by the Committee shall be final and binding on the Company and the Participant. The Committee may delegate to one or more executive officers the authority to review and resolve disputes with respect to Awards held by Participants who are not Insiders, and such resolution shall be final and binding on the Company and the Participant.

4.3. Section 16 of the Exchange Act. Awards granted to Participants who are subject to Section 16 of the Exchange Act must be approved by two or more “non-employee directors” (as defined in the regulations promulgated under Section 16 of the Exchange Act).

4.4. Documentation. The Award Agreement for a given Award, the Plan and any other documents may be delivered to, and accepted by, a Participant or any other person in any manner (including electronic distribution or posting) that meets applicable legal requirements.

4.5. Foreign Award Recipients. Notwithstanding any provision of the Plan to the contrary, in order to comply with the laws in other countries in which the Company and its Subsidiaries and Affiliates operate or have Employees eligible for Awards, the Committee, in its sole discretion, shall have the power and authority to: (a) determine which Subsidiaries and Affiliates shall be covered by the Plan; (b) determine which Employees outside the United States are eligible to participate in the Plan; (c) modify the terms and conditions of any Award granted to individuals outside the United States to comply with applicable foreign laws; (d) establish subplans and modify exercise procedures and other terms and procedures, to the extent the Committee determines such actions to be necessary or advisable (and such subplans and/or modifications shall be attached to this Plan as appendices); provided, however, that no such subplans and/or modifications shall increase the share limitations contained in the Plan; and (e) take any action, before or after an Award is made, that the Committee determines to be necessary or advisable to obtain approval or comply with any local governmental regulatory exemptions or approvals. Notwithstanding the foregoing, the Committee may not take any actions hereunder, and no Awards shall be granted, that would violate the Exchange Act or any other applicable United States securities law, the Code, or any other applicable United States governing statute or law.

5. OPTIONS. An Option is the right but not the obligation to purchase a Share, subject to certain conditions, if applicable. The Committee may grant Options to eligible Employees and will determine the number of Shares subject to the Option, the Exercise Price of the Option, the period during which the Option may vest and be exercised, and all other terms and conditions of the Option, subject to the following terms of this section.

5.1. Option Grant. Each Option granted under this Plan will be a nonqualified stock option. An Option may be, but need not be, awarded upon satisfaction of such Performance Factors during any Performance Period as are set out in advance in the Participant’s individual Award Agreement. If the Option is being earned upon the satisfaction of Performance Factors, then the Committee will: (a) determine the nature, length and starting date of any Performance Period for each Option; and (b) select from among the Performance Factors to be used to measure the performance, if any. Performance Periods may overlap and Participants may participate simultaneously with respect to Options that are subject to different performance goals and other criteria.

5.2. Date of Grant. The date of grant of an Option will be the date on which the Committee makes the determination to grant such Option, or a specified future date. The Award Agreement will be delivered to the Participant within a reasonable time after the granting of the Option.

5.3. Exercise Period. Options may be vested and exercisable within the times or upon the conditions as set forth in the Award Agreement governing such Option; provided, however, that no Option will be exercisable after the expiration of ten (10) years from the date the Option is granted. The Committee also may provide for Options to become exercisable at one time or from time to time, periodically or otherwise, in such number of Shares or percentage of Shares as the Committee determines.

5.4. Exercise Price. The Exercise Price of an Option will be determined by the Committee when the Option is granted; provided that the Exercise Price of an Option will be not less than one hundred percent (100%) of the Fair Market Value of the Shares on the date of grant. Payment for the Shares purchased may be made in accordance with Section 7 and the Award Agreement and in accordance with any procedures established by the Company.

5.5. Method of Exercise. Any Option granted hereunder will be vested and exercisable according to the terms of the Plan and at such times and under such conditions as determined by the Committee and set forth in the Award Agreement. An Option may not be exercised for a fraction of a Share. An Option will be deemed exercised when the Company receives: (a) notice of exercise (in such form as the Committee may specify from time to time) from the person entitled to exercise the Option, and (b) full payment for the Shares with respect to which the Option is exercised (together with applicable withholding taxes). Full payment may consist of any consideration and method of payment authorized by the Committee and permitted by the Award Agreement and the Plan. Shares issued upon exercise of an Option will be issued in the name of the Participant. Until the Shares are issued (as evidenced by the appropriate entry on the books of the Company or of a duly authorized transfer agent of the Company), no right to vote or receive dividends or any other rights as a stockholder will exist with respect to the Shares, notwithstanding the exercise of the Option. The Company will issue (or cause to be issued) such Shares promptly after the Option is exercised. No adjustment will be made for a dividend or other right for which the record date is prior to the date the Shares are issued, except as provided in Section 2.4 of the Plan. Exercising an Option in any manner will decrease the number of Shares thereafter available, both for purposes of the Plan and for sale under the Option, by the number of Shares as to which the Option is exercised.

5.6. Termination of Service. If the Participant's Service terminates for any reason except for Cause or the Participant's death or Disability, then the Participant may exercise such Participant's Options only to the extent that such Options would have been exercisable by the Participant on the date Participant's Service terminates no later than three (3) months after the date Participant's Service terminates (or such shorter or longer time period as may be determined by the Committee), but in any event no later than the expiration date of the Options.

(a) **Death.** If the Participant's Service terminates because of the Participant's death (or the Participant dies within three (3) months after Participant's Service terminates other than for Cause or because of the Participant's Disability), then the Participant's Options may be exercised only to the extent that such Options would have been exercisable by the Participant on the date Participant's Service terminates and must be exercised by the Participant's legal representative, or authorized assignee, no later than twelve (12) months after the date Participant's Service terminates (or such shorter time period not less than six (6) months or longer time period as may be determined by the Committee), but in any event no later than the expiration date of the Options.

(b) **Disability.** If the Participant's Service terminates because of the Participant's Disability, then the Participant's Options may be exercised only to the extent that such Options would have been exercisable by the Participant on the date Participant's Service terminates and must be exercised by the Participant (or the Participant's legal representative or authorized assignee) no later than twelve (12) months after the date Participant's Service terminates, but in any event no later than the expiration date of the Options.

(c) **Cause.** If the Participant is terminated for Cause, then Participant's Options shall expire on such Participant's date of termination of Service, or at such later time and on such conditions as are determined by the Committee, but in any no event later than the expiration date of the Options. Unless otherwise provided in the Award Agreement, Cause shall have the meaning set forth in the Plan.

5.7. Limitations on Exercise. The Committee may specify a minimum number of Shares that may be purchased on any exercise of an Option, provided that such minimum number will not prevent any Participant from exercising the Option for the full number of Shares for which it is then exercisable.

5.8. Modification, Extension or Renewal. The Committee may modify, extend or renew outstanding Options and authorize the grant of new Options in substitution therefor, provided that any such action may not, without the written consent of a Participant, impair any of such Participant's rights under any Option previously granted.

6. RESTRICTED STOCK UNITS. A Restricted Stock Unit ("**RSU**") is an award to an eligible Employee covering a number of Shares that may be settled in cash, or by issuance of those Shares. All RSUs shall be made pursuant to an Award Agreement.

6.1. Terms of RSUs. The Committee will determine the terms of an RSU including, without limitation: (a) the number of Shares subject to the RSU; (b) the time or times during which the RSU may be settled; (c) the consideration to be distributed on settlement; and (d) the effect of the Participant's termination of Service on each RSU; provided that no RSU shall have a term longer than ten (10) years. An RSU may be awarded upon satisfaction of such performance goals based on Performance Factors during any Performance Period as are set out in advance in the Participant's Award Agreement. If the RSU is being earned upon satisfaction of Performance Factors, then the Committee will: (x) determine the nature, length and starting date of any Performance Period for the RSU; (y) select from among the Performance Factors to be used to measure the performance, if any; and (z) determine the number of Shares deemed subject to the RSU. Performance Periods may overlap and participants may participate simultaneously with respect to RSUs that are subject to different Performance Periods and different performance goals and other criteria.

6.2. Form and Timing of Settlement. Payment of earned RSUs shall be made as soon as practicable after the date(s) determined by the Committee and set forth in the Award Agreement. The Committee, in its sole discretion, may settle earned RSUs in cash, Shares, or a combination of both. The Committee may also permit a Participant to defer payment under a RSU to a date or dates after the RSU is earned provided that the terms of the RSU and any deferral satisfy the requirements of Section 409A of the Code.

6.3. Termination of Service. Except as may be set forth in the Participant's Award Agreement, vesting ceases on such date Participant's Service terminates (unless determined otherwise by the Committee).

7. PAYMENT FOR SHARE PURCHASES. Payment from a Participant for Shares purchased pursuant to this Plan may be made in cash or by check or, where approved for the Participant by the Committee and where permitted by law (and to the extent not otherwise set forth in the applicable Award Agreement):

(a) by cancellation of indebtedness of the Company to the Participant;

(b) by surrender of shares of the Company's common stock by the Participant that have a Fair Market Value on the date of surrender equal to the aggregate exercise price of the Shares as to which said Award will be exercised or settled;

(c) by waiver of compensation due or accrued to the Participant for services rendered or to be rendered to the Company or a Parent or Subsidiary of the Company;

(d) by consideration received by the Company pursuant to a broker-assisted or other form of cashless exercise program implemented by the Company in connection with the Plan;

(e) by any combination of the foregoing; or

(f) by any other method of payment as is permitted by applicable law.

8. WITHHOLDING TAXES.

8.1. Withholding Generally. Whenever Shares are to be issued in satisfaction of Awards granted under this Plan or a tax event occurs, the Company may require the Participant to remit to the Company, or to the Parent, Subsidiary or applicable Affiliate employing the Participant, an amount sufficient to satisfy applicable U.S. federal, state, local and international withholding tax requirements or any other tax or social insurance liability legally due from the Participant prior to the delivery of Shares pursuant to exercise or settlement of any Award. Whenever payments in satisfaction of Awards granted under this Plan are to be made in cash, such payment will be net of an amount sufficient to satisfy applicable U.S. federal, state, local and international withholding tax or social insurance requirements or any other tax liability legally due from the Participant. The Fair Market Value of the Shares will be determined as of the date that the taxes are required to be withheld and such Shares shall be valued based on the value of the actual trade or, if there is none, the Fair Market Value of the Shares as of the previous trading day.

8.2. Stock Withholding. The Committee, or its delegate(s), as permitted by applicable law, in its sole discretion and pursuant to such procedures as it may specify from time to time and to limitations of local law, may require or permit a Participant to satisfy such tax withholding obligation or any other tax liability legally due from the Participant, in whole or in part by (without limitation) (a) paying cash, (b) electing to have the Company withhold otherwise deliverable cash or Shares having a Fair Market Value equal to the minimum statutory amount required to be withheld, (c) delivering to the Company already-owned shares of the Company's common stock having a Fair Market Value up to the maximum amount permitted to be withheld or (d) withholding from proceeds of the sale of otherwise deliverable Shares acquired pursuant to an Award either through a voluntary sale or through a mandatory sale arranged by the Company for up to the maximum statutory amount permitted to be withheld.

9. TRANSFERABILITY.

9.1. Transfer Generally. Unless determined otherwise by the Committee or pursuant to Section 9.2, an Award may not be sold, pledged, assigned, hypothecated, transferred, or disposed of in any manner other than by will or by the laws of descent or distribution. If the Committee makes an Award transferable, including, without limitation, by instrument to an inter vivos or testamentary trust in which the Awards are to be passed to beneficiaries upon the death of the trustor (settlor) or by gift or by domestic relations order to a Permitted Transferee, such Award will contain such additional terms and conditions as the Committee deems appropriate. All Awards shall be exercisable: (a) during the Participant's lifetime only by (i) the Participant, or (ii) the Participant's guardian or legal representative; (b) after the Participant's death, by the legal representative of the Participant's heirs or legatees; and (c) by a Permitted Transferee.

9.2. Award Transfer Program. Notwithstanding any contrary provision of the Plan, the Committee shall have all discretion and authority to determine and implement the terms and conditions of any Award Transfer Program instituted pursuant to this Section 9.2 and shall have the authority to amend the terms of any Award participating, or otherwise eligible to participate in, the Award Transfer Program, including (but not limited to) the authority to (a) amend (including to extend) the expiration date, post-termination exercise period and/or forfeiture conditions of any such Award, (b) amend or remove any provisions of the Award relating to the Award holder's continued Service to the Company or its Parent, Subsidiary, or Affiliate, (c) amend the permissible payment methods with respect to the exercise or purchase of any such Award, (d) amend the adjustments to be implemented in the event of changes in the capitalization and other similar events with respect to such Award, and (e) make such other changes to the terms of such Award as the Committee deems necessary or appropriate in its sole discretion. Notwithstanding anything to the contrary in the Plan, in no event will the Committee have the right to determine and implement the terms and conditions of any Award Transfer Program without stockholder approval.

10. PRIVILEGES OF STOCK OWNERSHIP; RESTRICTIONS ON SHARES.

10.1. Voting and Dividends. No Participant will have any of the rights of a stockholder with respect to any Shares until the Shares are issued to the Participant, except for any dividend equivalent rights permitted by an applicable Award Agreement ("**Dividend Equivalent Rights**"). After Shares are issued to the Participant, the Participant will be a stockholder and have all the rights of a stockholder with respect to such Shares, including the right to vote and receive all dividends or other distributions made or paid with respect to such Shares; provided, that if such Shares are Unvested Shares, then any new, additional or different securities the Participant may become entitled to receive with respect to such Shares by virtue of a stock dividend, stock split or any other change in the corporate or capital structure of the Company will be subject to the same restrictions as the Unvested Shares; provided, further, that the Participant will have no right to retain such stock dividends or stock distributions with respect to Shares that are repurchased at the Participant's Exercise Price pursuant to Section 10.2. However, the Committee, in its discretion, may provide in the Award Agreement evidencing any Award that the Participant shall be entitled to Dividend Equivalent Rights with respect to the payment of cash dividends on Shares underlying an Award during the period beginning on the date the Award is granted and ending, with respect to each Share subject to the Award, on the earlier of the date on which the Award is exercised or settled or the date on which it is forfeited. Such Dividend Equivalent Rights, if any, shall be credited to the Participant in the form of additional whole Shares as of the date of payment of such cash dividends on Shares.

10.2. Restrictions on Shares. At the discretion of the Committee, the Company may reserve to itself and/or its assignee(s) a right to repurchase (a "**Right of Repurchase**") a portion of any or all Unvested Shares held by a Participant following such Participant's termination of Service at any time within ninety (90) days (or such longer or shorter time determined by the Committee) after the later of the date Participant's Service terminates and the date the Participant purchases Shares under this Plan, for cash and/or cancellation of purchase money indebtedness, at the Participant's Exercise Price.

11. CERTIFICATES. All Shares or other securities whether or not certificated, delivered under this Plan will be subject to such stock transfer orders, legends and other restrictions as the Committee may deem necessary or advisable, including restrictions under any applicable U.S. federal, state or foreign securities law, or any rules, regulations and other requirements of the SEC or any stock exchange or automated quotation system upon which the Shares may be listed or quoted and any non-U.S. exchange controls or securities law restrictions to which the Shares are subject.

12. ESCROW; PLEDGE OF SHARES. To enforce any restrictions on a Participant's Shares, the Committee may require the Participant to deposit all certificates representing Shares, together with stock powers or other instruments of transfer approved by the Committee, appropriately endorsed in blank, with the Company or an agent designated by the Company to hold in escrow until such restrictions have lapsed or terminated, and the Committee may cause a legend or legends referencing such restrictions to be placed on the certificates. Any Participant who is permitted to execute a promissory note as partial or full consideration for the purchase of Shares under this Plan will be required to pledge and deposit with the Company all or part of the Shares so purchased as collateral to secure the payment of the Participant's obligation to the Company under the promissory note; provided, however, that the Committee may require or accept other or additional forms of collateral to secure the payment of such obligation and, in any event, the Company will have full recourse against the Participant under the promissory note notwithstanding any pledge of the Participant's Shares or other collateral. In connection with any pledge of the Shares, the Participant will be required to execute and deliver a written pledge agreement in such form as the Committee will from time to time approve. The Shares purchased with the promissory note may be released from the pledge on a pro rata basis as the promissory note is paid.

13. SECURITIES LAW AND OTHER REGULATORY COMPLIANCE. An Award will not be effective unless such Award is in compliance with all applicable U.S. and foreign federal and state securities and exchange control laws, rules and regulations of any governmental body, and the requirements of any stock exchange or automated quotation system upon which the Shares may then be listed or quoted, as they are in effect on the date of grant of the Award and also on the date of exercise or other issuance. Notwithstanding any other provision in this Plan, the Company will have no obligation to issue or deliver certificates for Shares under this Plan prior to: (a) obtaining any approvals from governmental agencies that the Company determines are necessary or advisable; and/or (b) completion of any registration or other qualification of such Shares under any state or federal or foreign law or ruling of any governmental body that the Company determines to be necessary or advisable. The Company will be under no obligation to register the Shares with the SEC or to effect compliance with the registration, qualification or listing requirements of any foreign or state securities laws, exchange control laws, stock exchange or automated quotation system, and the Company will have no liability for any inability or failure to do so.

14. NO OBLIGATION TO EMPLOY. Nothing in this Plan or any Award granted under this Plan will confer or be deemed to confer on any Participant any right to continue in the employ of, or to continue any other relationship with, the Company or any Parent, Subsidiary or Affiliate or limit in any way the right of the Company or any Parent, Subsidiary or Affiliate to terminate Participant's employment or other relationship at any time.

15. CORPORATE TRANSACTIONS.

15.1. Assumption or Replacement of Awards by Successor. In the event that the Company is subject to a Corporate Transaction, outstanding Awards acquired under the Plan shall be subject to the agreement evidencing the Corporate Transaction, which need not treat all outstanding Awards in an identical manner. Such agreement, without the Participant's consent, shall provide for one or more of the following with respect to all outstanding Awards as of the effective date of such Corporate Transaction:

(a) The continuation of an outstanding Award by the Company (if the Company is the successor entity).

(b) The assumption of an outstanding Award by the successor or acquiring entity (if any) of such Corporate Transaction (or by its parents, if any), which assumption, will be binding on all selected Participants; provided that the exercise price and the number and nature of shares issuable upon exercise of any option or any award that is subject to Section 409A of the Code will be adjusted appropriately pursuant to Section 424(a) of the Code.

(c) The substitution by the successor or acquiring entity in such Corporate Transaction (or by its parents, if any) of equivalent awards with substantially the same terms for such outstanding Awards (except that the exercise price and the number and nature of shares issuable upon exercise of any option or any award that is subject to Section 409A of the Code will be adjusted appropriately pursuant to Section 424(a) of the Code).

(d) The full or partial acceleration of exercisability or vesting and accelerated expiration of an outstanding Award and lapse of the Company's right to repurchase or re-acquire shares acquired under an Award or lapse of forfeiture rights with respect to shares acquired under an Award.

(e) The settlement of the full value of such outstanding Award (whether or not then vested or exercisable) in cash, cash equivalents, or securities of the successor entity (or its parent, if any) with a Fair Market Value equal to the required amount, followed by the cancellation of such Awards; provided however, that such Award may be cancelled if such Award has no value, as determined by the Committee, in its discretion. Subject to Section 409A of the Code, such payment may be made in installments and may be deferred until the date or dates the Award would have become exercisable or vested. Such payment may be subject to vesting based on the Participant's continued service, provided that the vesting schedule shall not be less favorable to the Participant than the schedule under which the Award would have become vested or exercisable. For purposes of this Section 15.1(e), the Fair Market Value of any security shall be determined without regard to any vesting conditions that may apply to such security.

(f) The cancellation of outstanding Awards in exchange for no consideration.

The Board shall have full power and authority to assign the Company's right to repurchase or re-acquire or forfeiture rights to such successor or acquiring corporation. In addition, in the event such successor or acquiring corporation refuses to assume, convert, replace or substitute Awards, as provided above, pursuant to a Corporate Transaction, the Committee will notify the Participant in writing or electronically that such Award will be exercisable for a period of time determined by the Committee in its sole discretion, and such Award will terminate upon the expiration of such period. Awards need not be treated similarly in a Corporate Transaction. In addition, following a Corporate Transaction, 100% of the total number of Shares subject to each Award held by an Employee shall become vested if the holder is subject to an Involuntary Termination within 12 months after the Corporate Transaction; it being understood that the vesting acceleration set forth in the preceding clause is in addition to vesting of the Award or Shares that has occurred prior to the Involuntary Termination, subject to the Participant executing a general release (in a form prescribed by the Company) of all known and unknown claims that he or she may then have against the Company or persons affiliated with the Company and such release has become effective and agreeing not to prosecute any legal action or other proceeding based upon any of such claims except to the extent otherwise provided in an individual award agreement.

16. TERM OF PLAN/GOVERNING LAW. Unless earlier terminated as provided herein, this Plan will become effective on the Effective Date and will terminate ten (10) years from the date this Plan is adopted by the Board. This Plan and all Awards granted hereunder shall be governed by and construed in accordance with the laws of the State of Delaware (excluding its conflict of law rules).

17. AMENDMENT OR TERMINATION OF PLAN. The Board may at any time terminate or amend this Plan in any respect, including, without limitation, amendment of any form of Award Agreement or instrument to be executed pursuant to this Plan; provided, however, that the Board will not, without the approval of the stockholders of the Company, amend this Plan in any manner that requires such stockholder approval; provided further, that a Participant's Award shall be governed by the version of this Plan then in effect at the time such Award was granted.

18. NONEXCLUSIVITY OF THE PLAN. Neither the adoption of this Plan by the Board nor any provision of this Plan will be construed as creating any limitations on the power of the Board to adopt such additional compensation arrangements as it may deem desirable, including, without limitation, the granting of stock awards and bonuses otherwise than under this Plan, and such arrangements may be either generally applicable or applicable only in specific cases.

19. INSIDER TRADING POLICY. Each Participant who receives an Award shall comply with any policy adopted by the Company from time to time covering transactions in the Company's securities by Employees, officers and/or directors of the Company.

20. ALL AWARDS SUBJECT TO COMPANY CLAWBACK OR RECOUPMENT POLICY. All Awards shall be subject to clawback or recoupment pursuant to any compensation clawback or recoupment policy adopted by the Board or required by law during the term of Participant's employment or other service with the Company that is applicable to executive officers, employees, directors or other service providers of the Company, and in addition to any other remedies available under such policy and applicable law, may require the cancelation of outstanding Awards and the recoupment of any gains realized with respect to Awards.

21. DEFINITIONS. As used in this Plan, and except as elsewhere defined herein, the following terms will have the following meanings:

21.1. "Affiliate" means any person or entity that directly or indirectly through one or more intermediaries controls, or is controlled by, or is under common control with, the Company, including any general partner, managing member, officer or director of the Company, in each case as of the date on which, or at any time during the period for which, the determination of affiliation is being made. For purposes of this definition, the term "control" (including the correlative meanings of the terms "controlled by" and "under common control with"), as used with respect to any person or entity, means the possession, directly or indirectly, of the power to direct or cause the direction of the management policies of such person or entity, whether through the ownership of voting securities or by contract or otherwise.

21.2. "Award" means any award under the Plan, including any Option or Restricted Stock Unit.

21.3. "Award Agreement" means, with respect to each Award, the written or electronic agreement between the Company and the Participant setting forth the terms and conditions of the Award, and country-specific appendix thereto for grants to non-U.S. Participants, which shall be in substantially a form (which need not be the same for each Participant) that the Committee (or in the case of Award agreements that are not used for Insiders, the Committee's delegate(s)) has from time to time approved, and will comply with and be subject to the terms and conditions of this Plan.

21.4. "Award Transfer Program" means any program instituted by the Committee which would permit Participants the opportunity to transfer any outstanding Awards to a financial institution or other person or entity approved by the Committee.

21.5. "Board" means the Board of Directors of the Company.

21.6. "Cause" means (i) an unauthorized use or disclosure by Participant of the Company's confidential information or trade secrets, which use or disclosure causes material harm to the Company or is reasonably likely to cause material harm to the Company, (ii) a material breach of any agreement between Participant and the Company, (iii) a material failure to comply with the Company's written policies or rules that has caused or is reasonably likely to cause material injury to the Company, its successor, or its affiliates, or any of their business, (iv) conviction of, or plea of "guilty" or "no contest" to, a felony under

the laws of the United States or any state thereof, (v) willful misconduct that has caused or is reasonably likely to cause material injury to the Company, its successor, or its affiliates, or any of their business, (vi) embezzlement, (vii) failure to cooperate with the Company in any investigation or formal proceeding if the Company has requested Participant's reasonable cooperation, (viii) violation of any applicable federal, state or foreign statutes or laws that govern or regulate employment, pharmaceutical drugs or securities, including but not limited to the laws enforced by the federal Equal Employment Opportunity Commission, Department of Labor, Food and Drug Administration, Securities and Exchange Commission and Department of Justice or (ix) a continued failure to perform assigned duties after receiving written notification of such failure from the Company's Chief Executive Officer; *provided that* Participant must be provided with written notice of Participant's termination for "Cause" and Participant must be provided with a thirty (30) day period following Participant's receipt of such notice to cure the event(s) that trigger "Cause," with the Company's Chief Executive Officer making the final determination whether Participant has cured any Cause. The determination as to whether a Participant is being terminated for Cause shall be made in good faith by the Company and shall be final and binding on the Participant. The foregoing definition does not in any way limit the Company's ability to terminate a Participant's employment or service at any time as provided in Section 14 above, and the term "Company" will be interpreted to include any Parent, Subsidiary or Affiliate, as appropriate. Notwithstanding the foregoing, the foregoing definition of "Cause" may, in part or in whole, be modified or replaced in each individual employment agreement or Award Agreement with any Participant, provided that such document supersedes the definition provided in this Section 21.6.

21.7. "Code" means the United States Internal Revenue Code of 1986, as amended, and the regulations promulgated thereunder.

21.8. "Committee" means the Compensation Committee of the Board or the Board acting in such capacity.

21.9. "Common Stock" means the common stock of the Company.

21.10. "Company" means Aeglea BioTherapeutics, Inc., or any successor corporation.

21.11. "Corporate Transaction" means the occurrence of any of the following events: (a) any "Person" (as such term is used in Sections 13(d) and 14(d) of the Exchange Act) becomes the "beneficial owner" (as defined in Rule 13d-3 of the Exchange Act), directly or indirectly, of securities of the Company representing more than fifty percent (50%) of the total voting power represented by the Company's then-outstanding voting securities; provided, however, that for purposes of this subclause (a) the acquisition of additional securities by any one Person who is considered to own more than fifty percent (50%) of the total voting power of the securities of the Company will not be considered a Corporate Transaction; (b) the consummation of the sale or disposition by the Company of all or substantially all of the Company's assets; (c) the consummation of a merger or consolidation of the Company with any other corporation, other than a merger or consolidation which would result in the voting securities of the Company outstanding immediately prior thereto continuing to represent (either by remaining outstanding or by being converted into voting securities of the surviving entity or its parent) at least fifty percent (50%) of the total voting power represented by the voting securities of the Company or such surviving entity or its parent outstanding immediately after such merger or consolidation; (d) any other transaction which qualifies as a "corporate transaction" under Section 424(a) of the Code wherein the stockholders of the Company give up all of their equity interest in the Company (except for the acquisition, sale or transfer of all or substantially all of the outstanding shares of the Company) or (e) a change in the effective control of the Company that occurs on the date that a majority of members of the Board is replaced during any twelve (12) month period by members of the Board whose appointment or election is not endorsed by a majority of the members of the Board prior to the date of the appointment or election. For purpose of this

subclause (e), if any Person is considered to be in effective control of the Company, the acquisition of additional control of the Company by the same Person will not be considered a Corporate Transaction. For purposes of this definition, Persons will be considered to be acting as a group if they are owners of a corporation that enters into a merger, consolidation, purchase or acquisition of stock, or similar business transaction with the Company. Notwithstanding the foregoing, to the extent that any amount constituting deferred compensation (as defined in Section 409A of the Code) would become payable under this Plan by reason of a Corporate Transaction, such amount shall become payable only if the event constituting a Corporate Transaction would also qualify as a change in ownership or effective control of the Company or a change in the ownership of a substantial portion of the assets of the Company, each as defined within the meaning of Code Section 409A, as it has been and may be amended from time to time, and any proposed or final Treasury Regulations and IRS guidance that has been promulgated or may be promulgated thereunder from time to time.

21.12. “Director” means a member of the Board.

21.13. “Disability” means that the Participant is unable to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment that can be expected to result in death or can be expected to last for a continuous period of not less than 12 months.

21.14. “Effective Date” means February 20, 2018.

21.15. “Employee” means any person, including Officers, employed by the Company or any Parent, Subsidiary or Affiliate. Neither service as a Director nor payment of a director’s fee by the Company will be sufficient to constitute “employment” by the Company.

21.16. “Exchange Act” means the United States Securities Exchange Act of 1934, as amended.

21.17. “Exercise Price” means, with respect to an Option, the price at which a holder may purchase the Shares issuable upon exercise of an Option.

21.18. “Fair Market Value” means, as of any date, the value of a share of the Company’s Common Stock determined as follows:

(a) if such Common Stock is publicly traded and is then listed on a national securities exchange, its closing price on the date of determination on the principal national securities exchange on which the Common Stock is listed or admitted to trading as reported in *The Wall Street Journal* or such other source as the Committee deems reliable;

(b) if such Common Stock is publicly traded but is neither listed nor admitted to trading on a national securities exchange, the average of the closing bid and asked prices on the date of determination as reported in *The Wall Street Journal* or such other source as the Committee deems reliable; or

(c) if none of the foregoing is applicable, by the Board or the Committee in good faith.

21.19. “Good Reason” means, without the Participant’s consent, (i) a material reduction in the Participant’s level of responsibility and/or scope of authority, (ii) a reduction by more than 10% in Participant’s base salary (other than a reduction generally applicable to Participant officers of the Company and in generally the same proportion as for the Participant), or (iii) relocation of the Participant’s principal workplace by more than thirty-five (35) miles from Participant’s then current place of employment. For the purpose of clause (i), a change in responsibility shall not be deemed to occur (A) solely because Participant is part of a larger organization or (B) solely because of a change in title. For the

Participant to receive the benefits under this Agreement as a result of a voluntary resignation under this subsection (e), all of the following requirements must be satisfied: (1) the Participant must provide notice to the Company of his or her intent to assert Good Reason within sixty (60) days of the initial existence of one or more of the conditions set forth in subclauses (i) through (iii); (2) the Company will have thirty (30) days (the “**Company Cure Period**”) from the date of such notice to remedy the condition and, if it does so, the Participant may withdraw his or her resignation or may resign with no benefits; and (3) any termination of employment under this provision must occur within ten (10) days of the earlier of expiration of the Company Cure Period or written notice from the Company that it will not undertake to cure the condition set forth in subclauses (i) through (iii). Should the Company remedy the condition as set forth above and then one or more of the conditions arises again within twelve months following the occurrence of a Change in Control, the Participant may assert Good Reason again subject to all of the conditions set forth herein.

21.20. “Insider” means an officer or director of the Company or any other person whose transactions in the Company’s Common Stock are subject to Section 16 of the Exchange Act.

21.21. “Involuntary Termination” means either (a) termination of Service without Cause or (b) resignation from Service for Good Reason.

21.22. “IRS” means the United States Internal Revenue Service.

21.23. “Non-Employee Director” means a Director of the Company who is not an Employee of the Company or any Parent, Subsidiary or Affiliate, and who qualifies as “independent” within the meaning of Nasdaq Stock Market Rule 5605(a)(2), or any successor rule, if the Company’s securities are traded on the Nasdaq Stock Market, or if the requirements of any other established stock exchange on which the Company’s securities are traded, as such rules or requirements may be amended from time to time.

21.24. “Option” means an award of an option to purchase Shares pursuant to Section 5.

21.25. “Parent” means any corporation (other than the Company) in an unbroken chain of corporations ending with the Company if each of such corporations other than the Company owns stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

21.26. “Participant” means a person who holds an Award under this Plan.

21.27. “Performance Factors” means the factors selected by the Committee and specified in an Award Agreement to determine whether the performance goals established by the Committee applicable to any Awards have been satisfied.

21.28. “Performance Period” means one or more periods of time, which may be of varying and overlapping durations, as the Committee may select, over which the attainment of one or more Performance Factors will be measured for the purpose of determining a Participant’s right to, and the payment of, a Performance Award.

21.29. “Permitted Transferee” means any child, stepchild, grandchild, parent, stepparent, grandparent, spouse, former spouse, sibling, niece, nephew, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law (including adoptive relationships) of the Employee, any person sharing the Employee’s household (other than a tenant or employee), a trust in which these persons (or the Employee) have more than 50% of the beneficial interest, a foundation in which these persons (or the Employee) control the management of assets, and any other entity in which these persons (or the Employee) own more than 50% of the voting interests.

21.30. “Plan” means this Aeglea BioTherapeutics, Inc. 2018 Equity Inducement Plan.

21.31. “Restricted Stock Unit” means an Award granted pursuant to Section 6 of the Plan.

21.32. “SEC” means the United States Securities and Exchange Commission.

21.33. “Securities Act” means the United States Securities Act of 1933, as amended.

21.34. “Service” shall mean service as an Employee, Director or consultant to the Company or a Parent or Subsidiary, subject to such further limitations as may be set forth in the Plan or the applicable Award Agreement. An employee will not be deemed to have ceased to provide Service in the case of leave of absence approved by the Company. In the case of any employee on an approved leave of absence or a reduction in hours worked (for illustrative purposes only, a change in schedule from that of full-time to part-time), the Committee may make such provisions respecting suspension of, or modification to, vesting of the Award while on leave from the employ of the Company or a Parent or Subsidiary or during such change in working hours as it may deem appropriate, except that in no event may an Award be exercised after the expiration of the term set forth in the applicable Award Agreement. In the absence of such a determination, vesting of Awards shall be tolled during any unpaid leave of absence (unless otherwise required by applicable law). In the event of military leave, if required by applicable laws, vesting shall continue for the longest period that vesting continues under any other statutory or Company approved leave of absence and, upon a Participant’s returning from military leave (under conditions that would entitle him or her to protection upon such return under the Uniform Services Employment and Reemployment Rights Act), he or she shall be given vesting credit with respect to Awards to the same extent as would have applied had the Participant continued to provide Service throughout the leave on the same terms as he or she was providing Service immediately prior to such leave. Service shall not be considered interrupted or terminated in the case of a transfer between locations of the Company or between the Company, its Parent, Subsidiaries or Affiliates, or their respective successors, or a change in status from an employee to a consultant or from a consultant to an employee. The Committee will have sole discretion to determine whether a Participant has ceased to provide Service and the effective date on which the Participant ceased to provide Service.

21.35. “Shares” means shares of Common Stock and the common stock of any successor entity.

21.36. “Subsidiary” means any corporation (other than the Company) in an unbroken chain of corporations beginning with the Company if each of the corporations other than the last corporation in the unbroken chain owns stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

21.37. “Treasury Regulations” means regulations promulgated by the United States Treasury Department.

21.38. “Unvested Shares” means Shares that have not yet vested or are subject to a right of repurchase in favor of the Company (or any successor thereto).

**FIRST AMENDMENT TO THE
AEGLEA BIOTHERAPEUTICS, INC.
2018 EQUITY INDUCEMENT PLAN**

WHEREAS, Aeglea Biotherapeutics, Inc., a Delaware corporation (the “Company”) maintains the Aeglea Biotherapeutics, Inc. 2018 Equity Inducement Plan (the “Plan”); and

WHEREAS, pursuant to Section 17 of the Plan, the Board of Directors (the “Board”) may amend the Plan at any time and for any purpose as permitted by law, including to increase the maximum number of Shares for which awards may be granted under the Plan.

NOW, THEREFORE, pursuant to its authority under Section 17 of the Plan, the Board hereby amends the Plan as follows, effective as of June 22, 2023 (the “Amendment Effective Date”):

1. Section 2.1 of the Plan is hereby amended and restated in its entirety to read as follows:

“2.1 Number of Shares Available. Subject to Sections 2.4 and 15 and any other applicable provisions hereof, the total number of Shares reserved and available for grant and issuance pursuant to this Plan is 71,100,000.”
2. This First Amendment shall be governed by and construed in accordance with the laws of the State of Delaware (excluding its conflict of law rules).
3. All capitalized terms used but not otherwise defined herein shall have the meaning assigned to them in the Plan. Except as expressly amended hereby, the Plan shall remain in full force and effect in accordance with its terms.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has executed this First Amendment to the Aeglea Biotherapeutics, Inc. 2018 Equity Inducement Plan, effective as of the Amendment Effective Date.

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Jonathan Alspaugh

Name: Jonathan Alspaugh

Title: President and Chief Financial Officer

**THIRD AMENDMENT TO THE
AEGLEA BIOTHERAPEUTICS, INC.
2018 EQUITY INDUCEMENT PLAN**

WHEREAS, Aeglea BioTherapeutics, Inc., a Delaware corporation (the “Company”) maintains the Aeglea BioTherapeutics, Inc. 2018 Equity Inducement Plan, as amended on June 22, 2023 and August 30, 2023 (the “Plan”); and

WHEREAS, pursuant to Section 17 of the Plan, the Board of Directors (the “Board”) may amend the Plan at any time and for any purpose as permitted by law, including to increase the maximum number of Shares for which awards may be granted under the Plan.

NOW, THEREFORE, pursuant to its authority under Section 17 of the Plan, the Board hereby amends the Plan as follows, effective as of October 30, 2023 (the “Amendment Effective Date”):

1. Section 2.1 of the Plan is hereby amended and restated in its entirety to read as follows:

“2.1 Number of Shares Available. Subject to Sections 2.4 and 15 and any other applicable provisions hereof, the total number of Shares reserved and available for grant and issuance pursuant to this Plan is 6,044,000.”
2. This Third Amendment shall be governed by and construed in accordance with the laws of the State of Delaware (excluding its conflict of law rules).
3. All capitalized terms used but not otherwise defined herein shall have the meaning assigned to them in the Plan. Except as expressly amended hereby, the Plan shall remain in full force and effect in accordance with its terms.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has executed this Third Amendment to the Aeglea BioTherapeutics, Inc. 2018 Equity Inducement Plan, effective as of the Amendment Effective Date.

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Cameron Turtle

Name: Cameron Turtle

Title: Chief Operating Officer

SIGNATURE PAGE TO
THIRD AMENDMENT TO THE
AEGLEA BIOTHERAPEUTICS, INC.
2018 EQUITY INDUCEMENT PLAN

**NOTICE OF STOCK OPTION GRANT
AEGLEA BIOTHERAPEUTICS, INC.
2018 EQUITY INDUCEMENT PLAN**

Unless otherwise defined herein, the terms defined in the Aeglea BioTherapeutics, Inc. (the “**Company**”) 2018 Equity Inducement Plan (the “**Plan**”) shall have the same meanings in this Notice of Stock Option Grant (the “**Notice of Grant**”) and the attached Stock Option Agreement (the “**Option Agreement**”). You have been granted an Option to purchase shares of Common Stock of the Company under the Plan subject to the terms and conditions of the Plan, this Notice of Grant and the attached Option Agreement.

Name: _____

Address: _____

Date of Grant: _____

Vesting Commencement Date: _____

Exercise Price per Share: _____

Total Number of Shares: _____

Type of Option: _____

Expiration Date: _____; This Option expires earlier if your Service terminates earlier, as described in the Stock Option Agreement.

Vesting Schedule: For so long as Optionee continuously provides services to the Company (or any Subsidiary or Parent of the Company) as an employee, officer, director, contractor or consultant, this Option will vest and become exercisable with respect to the Shares as follows:_____.

Additional Terms: ☐ If this box is checked, the additional terms and conditions set forth on Attachment 1 hereto (as executed by the Company) are applicable and are incorporated herein by reference. No document need be attached as Attachment 1 if the box is not checked.

Except as specifically provided in your Offer Letter, the Option Agreement or the Plan, in the event that your employment or engagement with the Company terminates, all unvested options will be forfeited immediately. Any offer will be in accordance with the terms of such plans or arrangements as they may be amended from time to time. As a condition to participation in any such plans or arrangements, you agree that the opportunity to participate shall not form part of your entitlement to remuneration or benefits pursuant to your Offer Letter or any additional agreement entered into between you and the Company or any Subsidiary and you agree that you shall not be entitled to seek any equitable relief or to receive any compensation or damage in consequence of any loss or potential loss which you may suffer in consequence of the loss or termination of your employment for any reason whatsoever (including wrongful or unfair dismissal or their equivalents). By accepting this Option, you and the Company agree that this Option is granted under and governed by the terms and conditions of the Plan, the Notice of Grant and the Option Agreement. By accepting this Option, you consent to electronic delivery as set forth in the Option Agreement.

Signature: _____ By: _____

Print

Name: _____ Name: _____
Title: _____

STOCK OPTION AGREEMENT
AEGLEA BIOTHERAPEUTICS, INC.
2018 EQUITY INDUCEMENT PLAN

You have been granted an Option by Aeglea BioTherapeutics, Inc. (the “**Company**”) under the 2018 Equity Inducement Plan (the “**Plan**”) to purchase Shares (the “**Option**”), subject to the terms, restrictions and conditions of the Plan, the Notice of Stock Option Grant (the “**Notice of Grant**”) and this Stock Option Agreement (the “**Agreement**”).

1. Grant of Option. You have been granted an Option for the number of Shares set forth in the Notice of Grant at the exercise price per Share set forth in the Notice of Grant (the “**exercise price**”). In the event of a conflict between the terms and conditions of the Plan and the terms and conditions of this Agreement, the terms and conditions of the Plan shall prevail.

2. Termination Period.

(a) **General Rule.** If your Service terminates for any reason except death or Disability, and other than for Cause, then this Option will expire at the close of business at Company headquarters on the date three months after your termination of Service (subject to the expiration detailed in Section 6). If your Service is terminated for Cause, this Option will expire upon the date of such termination. The Company determines when your Service terminates for all purposes under this Agreement. You acknowledge and agree that the Vesting Schedule may change prospectively in the event that your service status changes between full and part-time status in accordance with Company policies relating to work schedules and vesting of awards. You acknowledge that the vesting of the Shares pursuant to this Notice is earned only by continuing Service.

(b) **Death; Disability.** If you die before your Service terminates (or you die within three months of your termination of Service other than for Cause), then this Option will expire at the close of business at Company headquarters on the date 12 months after the date of death (subject to the expiration detailed in Section 6). If your Service terminates because of your Disability, then this Option will expire at the close of business at Company headquarters on the date 12 months after your termination date (subject to the expiration detailed in Section 6).

(c) **No Notice.** You are responsible for keeping track of these exercise periods following your termination of Service for any reason. The Company will not provide further notice of such periods. In no event shall this Option be exercised later than the Expiration Date set forth in the Notice of Grant.

3. Exercise of Option.

(a) **Right to Exercise.** This Option is exercisable during its term in accordance with the Vesting Schedule set forth in the Notice of Grant and the applicable provisions of the Plan and this Agreement. In the event of your death, Disability, or other cessation of Service, the exercisability of the Option is governed by the applicable provisions of the Plan, the Notice of Grant and this Agreement. This Option may not be exercised for a fraction of a Share.

(b) **Method of Exercise.** This Option is exercisable by delivery of an exercise notice in a form specified by the Company (the “**Exercise Notice**”), which shall state the election to exercise the Option, the number of Shares in respect of which the Option is being exercised (the “**Exercised Shares**”), and such other representations and agreements as may be required by the Company pursuant to the provisions of the Plan. The Exercise Notice shall be delivered in person, by mail, via electronic mail or facsimile or by other authorized method to the Secretary of the Company or other person designated by the Company. The Exercise Notice shall be accompanied by payment of the aggregate exercise price as to all Exercised Shares. This Option shall be deemed to be exercised upon receipt by the Company of a fully executed Exercise Notice accompanied by the aggregate exercise price and any applicable tax withholding due upon exercise of the Option in all and any relevant jurisdictions.

(c) **Exercise by Another.** If another person wants to exercise this Option after it has been transferred to him or her in compliance with this Agreement, that person must prove to the Company’s satisfaction that he or she is entitled to exercise this Option. That person must also complete the proper Exercise Notice form (as described above) and pay the exercise price (as described below) and any applicable tax withholding due upon exercise of the Option (as described below) in all and any relevant jurisdictions.

4. Method of Payment. Payment of the aggregate exercise price shall be by any of the following, or a combination thereof, at your election:

(a) your personal check, wire transfer, or a cashier’s check;

(b) certificates for shares of Company stock that you own, along with any forms needed to effect a transfer of those shares to the Company; the value of the shares, determined as of the effective date of the Option exercise, will be applied to the Option exercise price. Instead of surrendering shares of Company stock, you may attest to the ownership of those shares on a form provided by the Company and have the same number of shares subtracted from the Option shares issued to you. However, you may not surrender, or attest to the ownership of, shares of Company stock in payment of the exercise price of your Option if your action would cause the Company to recognize compensation expense (or additional compensation expense) with respect to this Option for financial reporting purposes;

(c) cashless exercise through irrevocable directions to a securities broker approved by the Company to sell all or part of the Shares covered by this Option and to deliver to the Company from the sale proceeds an amount sufficient to pay the Option exercise price and any withholding taxes. The balance of the sale proceeds, if any, will be delivered to you. The directions must be given by signing a special notice of exercise form provided by the Company; or

(d) other method authorized by the Company.

5. Non-Transferability of Option. In general, except as provided below, only you may exercise this Option prior to your death. You may not transfer or assign this Option, except as provided below. For instance, you may not sell this Option or use it as security for a loan. If you attempt to do any of these things, this Option will immediately become invalid. You may, however, dispose of this Option in your will or in a beneficiary designation. However, the Committee (as defined in the Plan) may, in its sole discretion, allow you to transfer this Option as a gift to one or more family members. For purposes of this Agreement, “family member” means a child, stepchild, grandchild, parent, stepparent, grandparent, spouse, former spouse, sibling, niece, nephew, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law or sister-in-law (including adoptive relationships), any individual sharing your household (other than a tenant or employee), a trust in which one or more of these individuals have more than 50% of the beneficial interest, a foundation in which you or one or more of these persons control the management of assets, and any entity in which you or one or more of these persons own more than 50% of the voting interest. In addition, the Committee may, in its sole discretion, allow you to transfer this Option to your spouse or former spouse pursuant to a domestic relations order in settlement of marital property rights. The Committee will allow you to transfer this Option only if both you and the transferee(s) execute the forms prescribed by the Committee, which include the consent of the transferee(s) to be bound by this Agreement. This Option may not be transferred in any manner other than by will or by the laws of descent or distribution or court order and may be exercised during the lifetime of you only by you, your guardian, or legal representative, as permitted in the Plan. The terms of the Plan and this Agreement shall be binding upon the executors, administrators, heirs, successors and assigns of you.

6. Term of Option. This Option shall in any event expire on the expiration date set forth in the Notice of Grant, which date is 10 years after the grant date.

7. Tax Consequences. You should consult a tax adviser for tax consequences relating to this Option in any jurisdiction in which you are or have been subject to tax during the course of this agreement. **YOU SHOULD CONSULT A TAX ADVISER BEFORE EXERCISING THIS OPTION OR DISPOSING OF THE SHARES.** You will not be allowed to exercise this Option unless you make arrangements acceptable to the Company to pay any withholding taxes that may be due as a result of the Option exercise in all or any relevant jurisdiction.

8. Withholding Taxes and Stock Withholding. Regardless of any action the Company or your actual employer (the “**Employer**”) takes with respect to any or all income tax, social insurance, payroll tax, payment on account or other tax-related withholding (“**Tax-Related Items**”), you acknowledge that the ultimate liability for all Tax-Related Items legally due by you is and remains your responsibility and that the Company and/or the Employer (1) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of the Option grant, including the grant, vesting or exercise of the Option, the subsequent sale of Shares acquired pursuant to such exercise and the receipt of any dividends; and (2) do not commit to structure the terms of the grant or any aspect of the Option to reduce or eliminate your liability for Tax-Related Items. You acknowledge that if you are subject to Tax-Related Items in more than one jurisdiction, the Company and/or the Employer may be required to withhold or account for Tax-Related Items in more than one jurisdiction.

Prior to exercise of the Option, you shall pay or make adequate arrangements satisfactory to the Company and/or the Employer to satisfy all withholding and payment on account obligations of the Company and/or the Employer. In this regard, you authorize the Company and/or the Employer to withhold all applicable Tax-Related Items legally payable by you from your wages or other cash compensation paid to you by the Company and/or the Employer. With the Company’s consent, these arrangements may also include, if permissible under local law, (a) withholding Shares that otherwise would be issued to you when you exercise this Option by considering up to the maximum applicable statutory withholding rates, (b) having the Company withhold taxes from the proceeds of the sale of the Shares, either through a voluntary sale or through a mandatory sale arranged by the Company (on your behalf and you hereby authorize such sales by this authorization), (c) your payment of a cash amount, or (d) any other arrangement approved by the Company; all under such rules as may be established by the Committee and in compliance with the Company’s Insider Trading Policy and 10b5-1 Trading Plan Policy, if applicable; provided however, that if you are a Section 16 officer of the Company under the Exchange Act, then the Committee (as constituted in accordance with Rule 16b-3 under the Exchange Act) shall establish the method of withholding from alternatives (a)-(d) above prior to the Tax-Related Items withholding event; and if no such determination is made, then the method of withholding shall be in accordance with subsection (a) hereof. The Fair Market Value of these Shares, determined as of the effective date of the Option exercise, will be applied as a credit against the withholding taxes. You shall pay to the Company or the Employer any amount of Tax-Related Items that the Company or the Employer may be required

to withhold as a result of your participation in the Plan or your purchase of Shares that cannot be satisfied by the means previously described. Finally, you acknowledge that the Company has no obligation to deliver Shares to you until you have satisfied the obligations in connection with the Tax-Related Items as described in this Section. For the avoidance of doubt the above clause will also apply to any taxes or other liabilities due under the local statutes if you are or have been resident outside of the United States during the course of this agreement.

9. Insider Trading Restrictions/Market Abuse Laws. You acknowledge that, depending on your country, you may be subject to insider trading restrictions and/or market abuse laws, which may affect your ability to acquire or sell the Shares or rights to Shares under the Plan during such times as you are considered to have “inside information” regarding the Company (as defined by the laws in your country). Any restrictions under these laws or regulations are separate from and in addition to any restrictions that may be imposed under any applicable Company insider trading policy. You acknowledge that it is your responsibility to comply with any applicable restrictions, and you are advised to speak to your personal advisor on this matter.

10. Acknowledgement. The Company and you agree that the Option is granted under and governed by the Notice of Grant, this Agreement and the provisions of the Plan (incorporated herein by reference). You: (i) acknowledge receipt of a copy of the Plan prospectus, (ii) represent that you have carefully read and are familiar with their provisions, and (iii) hereby accept the Option subject to all of the terms and conditions set forth herein and those set forth in the Plan and the Notice of Grant. You hereby agree to accept as binding, conclusive and final all decisions or interpretations of the Committee upon any questions relating to the Plan, the Notice of Grant and the Agreement.

11. Consent to Electronic Delivery of All Plan Documents and Disclosures. By your acceptance of this Option, you consent to the electronic delivery of the Notice of Grant, this Agreement, account statements, Plan prospectuses required by the Securities and Exchange Commission, U.S. financial reports of the Company, and all other documents that the Company is required to deliver to its security holders (including, without limitation, annual reports and proxy statements) or other communications or information related to the Option. Electronic delivery may include the delivery of a link to a Company intranet or the internet site of a third party involved in administering the Plan, the delivery of the document via e-mail or such other delivery determined at the Company’s discretion. You acknowledge that you may receive from the Company a paper copy of any documents delivered electronically at no cost if you contact the Company by telephone, through a postal service or electronic mail at stockadmin@aegleabio.com. You further acknowledge that you will be provided with a paper copy of any documents delivered electronically if electronic delivery fails; similarly, you understand that you must provide on request to the Company or any designated third party a paper copy of any documents delivered electronically if electronic delivery fails. Also, you understand that your consent may be revoked or changed, including any change in the electronic mail address to which documents are delivered (if you have provided an electronic mail address), at any time by notifying the Company of such revised or revoked consent by telephone, postal service or electronic mail at stockadmin@aegleabio.com. Finally, you understand that you are not required to consent to electronic delivery.

12. Compliance with Laws and Regulations. The exercise of this Option will be subject to and conditioned upon compliance by the Company and you with all applicable state, federal and foreign laws and regulations and with all applicable requirements of any stock exchange or automated quotation system on which the Company’s Common Stock may be listed or quoted at the time of such issuance or transfer. The Shares issued pursuant to this Agreement shall be endorsed with appropriate legends, if any, determined by the Company.

13. Governing Law; Severability. If one or more provisions of this Agreement are held to be unenforceable under applicable law, the parties agree to renegotiate such provision in good faith. In the event that the parties cannot reach a mutually agreeable and enforceable replacement for such provision, then (i) such provision shall be excluded from this Agreement, (ii) the balance of this Agreement shall be interpreted as if such provision were so excluded and (iii) the balance of this Agreement shall be enforceable in accordance with its terms. This Agreement and all acts and transactions pursuant hereto and the rights and obligations of the parties hereto shall be governed, construed and interpreted in accordance with the laws of the State of Delaware, without giving effect to principles of conflicts of law. For purposes of litigating any dispute that may arise directly or indirectly from the Plan, the Notice and this Agreement, the parties hereby submit and consent to litigation in the exclusive jurisdiction of the State of California and agree that any such litigation shall be conducted only in the courts of California in San Francisco County or the federal courts of the United States for the Northern District of California and no other courts.

14. No Rights as Employee. Nothing in this Agreement shall affect in any manner whatsoever the right or power of the Company, or a Parent, Subsidiary or Affiliate of the Company, to terminate your Service, for any reason, with or without Cause.

15. Adjustment. In the event of a stock split, a stock dividend or a similar change in Company stock, the number of Shares covered by this Option and the exercise price per Share may be adjusted pursuant to the Plan.

16. Award Subject to Company Clawback or Recoupment. To the extent permitted by applicable law, the Option shall be subject to clawback or recoupment pursuant to any compensation clawback or recoupment policy adopted by the Board or required by law during the term of your employment or other Service that is applicable to you. In addition to any other remedies available under such policy, applicable law may require the cancellation of your Option (whether vested or unvested) and the recoupment of any gains realized with respect to your Option.

17. Entire Agreement; Enforcement of Rights. This Agreement, the Plan and the Notice constitute the entire agreement and understanding of the parties relating to the subject matter herein and supersede all prior discussions between them. Any prior agreements, commitments or negotiations concerning this Option are superseded. No modification of or amendment to this Agreement, nor any waiver of any rights under this Agreement, shall be effective unless in writing and signed by the parties to this Agreement. The failure by either party to enforce any rights under this Agreement shall not be construed as a waiver of any rights of such party.

BY ACCEPTING THIS OPTION, YOU AGREE TO ALL OF THE TERMS AND CONDITIONS DESCRIBED ABOVE AND IN THE PLAN.

SPYRE THERAPEUTICS, INC.

2023 EQUITY INCENTIVE PLAN

AMENDED BY THE BOARD OF DIRECTORS: May 19, 2023

1. Purpose.

The purpose of this 2023 Equity Incentive Plan (the “**Plan**”) of Spyre Therapeutics, Inc., a Delaware corporation (the “**Company**”), is to advance the interests of the Company’s stockholders by enhancing the Company’s ability to attract, retain and motivate persons who are expected to make important contributions to the Company and by providing such persons with equity ownership opportunities and performance-based incentives that are intended to better align the interests of such persons with those of the Company’s stockholders. Except where the context otherwise requires, the term “Company” shall include any of the Company’s present or future parent or subsidiary corporations as defined in Sections 424(e) or (f) of the Internal Revenue Code of 1986, as amended, and any regulations promulgated thereunder (the “**Code**”) and any other business venture (including, without limitation, joint venture or limited liability company) in which the Company has a controlling interest, as determined by the Board of Directors of the Company (the “**Board**”).

2. Eligibility.

All of the Company’s employees, officers, directors, consultants and advisors are eligible to be granted options, restricted stock, restricted stock units (“**RSUs**”) and other stock-based awards (each, an “**Award**”) under the Plan. Each person who receives an Award under the Plan is deemed a “**Participant**”.

3. Administration and Delegation.

(a) Administration by Board of Directors. The Plan will be administered by the Board. The Board shall have authority to grant Awards and to adopt, amend and repeal such administrative rules, guidelines and practices relating to the Plan as it shall deem advisable. The Board may construe and interpret the terms of the Plan and any Award agreements entered into under the Plan. The Board may correct any defect, supply any omission or reconcile any inconsistency in the Plan or any Award in the manner and to the extent it shall deem expedient to carry the Plan into effect and it shall be the sole and final judge of such expediency. All decisions by the Board shall be made in the Board’s sole discretion and shall be final and binding on all persons having or claiming any interest in the Plan or in any Award. No director or person acting pursuant to the authority delegated by the Board shall be liable for any action or determination relating to or under the Plan made in good faith.

(b) Appointment of Committees. To the extent permitted by applicable law, the Board may delegate any or all of its powers under the Plan to one or more committees or subcommittees of the Board (a “**Committee**”). All references in the Plan to the “**Board**” shall mean the Board or a Committee of the Board or the officers referred to in Section 3(c) to the extent that the Board’s powers or authority under the Plan have been delegated to such Committee or officers. The Board may abolish any Committee at any time, and notwithstanding any delegation of authority, the Board will always retain full authority to take any action permitted under the Plan.

(c) Delegation to Officers. To the extent permitted by applicable law, the Board may delegate to one or more officers of the Company the power to grant Awards (subject to any limitations under the Plan) to employees or officers of the Company and to exercise such other powers under the Plan as the Board may determine, *provided that* the Board shall fix the terms of the Awards to be granted by such

officers (including the exercise price of such Awards, which may include a formula by which the exercise price will be determined) and the maximum number of shares subject to Awards that the officers may grant; *provided further, however*, that no officer shall be authorized to grant Awards to any “executive officer” of the Company (as defined by Rule 3b-7 under the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”)) or to any “officer” of the Company (as defined by Rule 16a-1 under the Exchange Act). The Board may rescind any such delegation at any time.

4. Stock Available for Awards.

(a) Number of Shares. Subject to adjustment under Section 8 hereof, Awards may be made under the Plan covering up to 2,049,133 shares of common stock of the Company (the “**Common Stock**”), all of which may be granted as Incentive Stock Options (as hereinafter defined). If any Award expires, lapses, or is terminated, surrendered or canceled without having been fully exercised or is forfeited in whole or in part (including as the result of shares of Common Stock subject to such Award being repurchased by the Company at or below the original issuance price), in any case in a manner that results in any shares of Common Stock covered by such Award not being issued or being so reacquired by the Company, the unused Common Stock covered by such Award shall again be available for the grant of Awards under the Plan. Further, shares of Common Stock delivered (whether by actual delivery or attestation) or tendered to the Company by a Participant to satisfy the applicable exercise or purchase price of an Award and/or to satisfy any applicable tax withholding obligation (including shares retained by the Company from the Award being exercised or purchased and/or creating the tax obligation) shall again be available for the grant of Awards under the Plan. However, in the case of Incentive Stock Options) the foregoing provisions shall be subject to any limitations under the Code. Shares of Common Stock issued under the Plan may consist in whole or in part of authorized but unissued shares, shares purchased on the open market, or treasury shares. At no time while there is any Option (as defined below) outstanding and held by a Participant who was a resident of the State of California on the date of grant of such Option, shall the total number of shares of Common Stock issuable upon exercise of all outstanding options and the total number of shares provided for under any stock bonus or similar plan or agreement of the Company exceed the applicable percentage as calculated in accordance with the conditions and exclusions of Section 260.140.45 of the California Code of Regulations (the “**California Regulations**”), based on the shares of the Company which are outstanding at the time the calculation is made.

(b) Substitute Awards. In connection with a merger or consolidation of an entity with the Company or the acquisition by the Company of property or stock of an entity, the Board may grant Awards in substitution for any options or other stock or stock-based awards granted prior to such merger or consolidation by such entity or an affiliate thereof. Substitute Awards may be granted on such terms as the Board deems appropriate in the circumstances, notwithstanding any limitations on Awards contained in the Plan. Substitute Awards shall not count against the overall share limit set forth in Section 4(a) hereof, except as may be required by reason of Section 422 and related provisions of the Code.

5. Stock Options.

(a) General. The Board may grant options to purchase Common Stock (each, an “**Option**”) and determine the number of shares of Common Stock to be covered by each Option, the exercise price of each Option and the conditions and limitations applicable to the exercise of each Option, including conditions relating to applicable federal or state securities laws, as it considers necessary or advisable. An Option that is not intended to be an Incentive Stock Option shall be designated a “**Nonstatutory Stock Option**”.

(b) **Incentive Stock Options.** An Option that the Board intends to be an “incentive stock option” as defined in Section 422 of the Code (an “**Incentive Stock Option**”) shall only be granted to employees of the Company (including any of the Company’s present or future parent or subsidiary corporations as defined in Sections 424(e) or (f) of the Code but excluding any other business venture (including, without limitation, joint venture or limited liability company) in which the Company has a controlling interest). All Options intended to qualify as Incentive Stock Options shall be subject to and shall be construed consistently with the requirements of Section 422 of the Code, and without limiting generality of the foregoing, such Options shall be deemed to include terms that comply with the eligibility standards described section 422(b) of the Code. Subject to the remaining provisions of this Section 5(b), if an Option intended to qualify as an Incentive Stock Option does not so qualify, the Board may, at its discretion, amend the Plan and Award with respect to such Option so that such Option qualifies as an Incentive Stock Option. To the extent that the aggregate Fair Market Value (determined at the time of grant) of Common Stock with respect to which Incentive Stock Options are exercisable for the first time by any Participant during any calendar year (under all plans of the Company and any affiliates) exceeds \$100,000 (or such other limit established in the Code) or otherwise does not comply with the rules governing Incentive Stock Options, the Options or portions thereof that exceed such limit (according to the order in which they were granted) or otherwise do not comply with the rules will be treated as Nonstatutory Stock Options, notwithstanding any contrary provision of the applicable Award. Neither the Company nor the Board shall have any liability to a Participant, or any other party, (i) if an Option (or any part thereof) which is intended to qualify as an Incentive Stock Option fails to qualify as such or (ii) for any action or omission by the Company or Board that causes an Option not to qualify as an Incentive Stock Option, including without limitation the conversion of an Incentive Stock Option to a Nonstatutory Stock Option or the grant of an Option intended as an Incentive Stock Option that fails to satisfy the requirements under the Code applicable to an Incentive Stock Option.

(c) **Exercise Price.** The Board shall establish the exercise price of each Option and specify the exercise price in the applicable option agreement. The exercise price shall be not less than 100% of the Fair Market Value on the date the Option is granted. In the case of an Incentive Stock Option granted to an employee who, at the time of grant of the Option, owns (or is treated as owning under Section 424 of the Code) stock representing more than 10% of the voting power of all classes of stock of the Company (or a “parent corporation” or “subsidiary corporation” thereof within the meaning of Sections 424(e) or 424(f) of the Code, respectively) (such employee, a “**10% Holder**”), the per share exercise price shall be no less than 110% of the Fair Market Value on the date the Option is granted.

(d) **Duration of Options.** Each Option shall be exercisable at such times and subject to such terms and conditions as the Board may specify in the applicable option agreement, *provided that* the term of any Option shall not exceed 10 years. In the case of an Incentive Stock Option granted to a 10% Holder, the term of the Option shall not exceed five years.

(e) **Exercise of Option; Notification of Disposition.** Options may be exercised by delivery to the Company of a written notice of exercise signed by the proper person or by any other form of notice (including electronic notice) approved by the Board together with payment in full as specified in Section 5(f) for the number of shares for which the Option is exercised. Unless otherwise determined by the Board, an Option may not be exercised for a fraction of a share of Common Stock. Shares of Common Stock subject to the Option will be delivered by the Company as soon as practicable following exercise. If an Option is designated as an Incentive Stock Option, the Participant shall give prompt notice to the Company of any disposition or other transfer of any shares of Common Stock acquired from the Option if such disposition or transfer is made (i) within two years from the grant date with respect to such Option or (ii) within one year after the transfer of such shares to the Participant (other than any such disposition made in connection with a Reorganization Event). Such notice shall specify the date of such disposition or other transfer and the amount realized, in cash, other property, assumption of indebtedness or other consideration, by the Participant in such disposition or other transfer.

(f) Payment Upon Exercise. Common Stock purchased upon the exercise of an Option granted under the Plan shall be paid for as follows:

(i) in cash or by check, payable to the order of the Company;

(ii) when the Common Stock is registered under the Exchange Act, except as may otherwise be provided in the applicable option agreement, by (A) delivery of an irrevocable and unconditional undertaking by a creditworthy broker acceptable to the Company to deliver promptly to the Company sufficient funds to pay the exercise price and any required tax withholding or (B) delivery by the Participant to the Company of a copy of irrevocable and unconditional instructions to a creditworthy broker acceptable to the Company to deliver promptly to the Company cash or a check sufficient to pay the exercise price and any required tax withholding;

(iii) when the Common Stock is registered under the Exchange Act and to the extent provided for in the applicable option agreement or approved by the Board, in its sole discretion, by delivery (either by actual delivery or attestation) of shares of Common Stock owned by the Participant valued at their fair market value as determined by (or in a manner approved by) the Board ("**Fair Market Value**"), *provided* (A) such method of payment is then permitted under applicable law, (B) such Common Stock, if acquired directly from the Company, was owned by the Participant for such minimum period of time, if any, as may be established by the Board in its discretion and (C) such Common Stock is not subject to any repurchase, forfeiture, unfulfilled vesting or other similar requirements;

(iv) to the extent permitted by applicable law and provided for in the applicable option agreement or approved by the Board, in its sole discretion, by (A) delivery of a promissory note of the Participant to the Company on terms determined by the Board, or (B) payment of such other lawful consideration as the Board may determine;

(v) to the extent provided for in the applicable option agreement or approved by the Board, in its sole discretion, by having the Company retain from the shares of Common Stock otherwise issuable upon the exercise of such Option a number of shares valued at their Fair Market Value; or

(vi) by any combination of the above permitted forms of payment or any other lawful consideration as approved by the Board in its sole discretion.

(g) Early Exercise of Options. The Board may provide in the terms of an option agreement that the Participant may exercise an Option in whole or in part prior to the full vesting of the Option in exchange for unvested shares of Restricted Stock (as defined below) with respect to any unvested portion of the Option so exercised. Shares of Restricted Stock acquired upon the exercise of any unvested portion of an Option shall be subject to such terms and conditions as the Board shall determine.

6. Restricted Stock; Restricted Stock Units.

(a) General. The Board may grant Awards entitling recipients to acquire shares of Common Stock ("**Restricted Stock**"), subject to the right of the Company to repurchase all or part of such shares at their issue price or other stated or formula price (or to require forfeiture of such shares if issued at no cost) from the recipient in the event that conditions specified by the Board in the applicable Award are not satisfied prior to the end of the applicable restriction period or periods established by the Board for such Award. Instead of granting Awards for Restricted Stock, the Board may grant Awards entitling the recipient to receive shares of Common Stock or cash to be delivered at or following the time such Award vests ("**Restricted Stock Units**" or "**RSUs**").

(b) Terms and Conditions. The Board shall determine and set forth in the applicable award agreement the terms and conditions of Restricted Stock or RSUs, including the conditions for vesting and repurchase (or forfeiture) and the issue price, if any.

(c) Additional Provisions Relating to Restricted Stock.

(i) Dividends. Participants holding shares of Restricted Stock will be entitled to all ordinary cash dividends paid with respect to such shares to the extent such dividends have a record date that is on or after the date on which the Participant to whom such Restricted Stock is granted becomes the record holder of such Restricted Stock, unless otherwise provided by the Board. Unless otherwise provided by the Board, if any dividends or distributions are paid in shares, or consist of a dividend or distribution to holders of Common Stock other than an ordinary cash dividend, the shares or other property will be subject to the same restrictions on transferability and forfeitability as the shares of Restricted Stock with respect to which they were paid. Each dividend payment will be made as provided in the applicable award agreement, but no later than the end of the calendar year in which the dividends are paid to shareholders of that class of stock or, if later, the 15th day of the third month following the later of (A) the date the dividends are paid to shareholders of that class of stock and (B) the date the dividends are no longer subject to forfeiture.

(ii) Stock Certificates. The Company may require that any stock certificates issued in respect of shares of Restricted Stock shall be deposited in escrow by the Participant, together with a stock power endorsed in blank, with the Company (or its designee). At the expiration of the applicable restriction periods, the Company (or such designee) shall deliver the certificates no longer subject to such restrictions to the Participant or if the Participant has died, to the beneficiary designated, in a manner determined by the Board, by a Participant to receive amounts due or exercise rights of the Participant in the event of the Participant's death (the "**Designated Beneficiary**"). In the absence of an effective designation by a Participant, "Designated Beneficiary" shall mean the Participant's estate.

(d) Additional Provisions Relating to Restricted Stock Units.

(i) Settlement. Upon or following the vesting of a Restricted Stock Unit, the Participant shall be entitled to receive from the Company one share of Common Stock or an amount of cash or other property equal to the Fair Market Value of one share of Common Stock on the settlement date, as the Board shall determine and as provided in the applicable award agreement. The Board may provide that settlement of Restricted Stock Units shall occur upon or as soon as reasonably practicable after the vesting of the Restricted Stock Units or shall instead be deferred, on a mandatory basis or at the election of the Participant, in a manner that complies with Section 409A of the Code.

(ii) Voting Rights. A Participant shall have no voting rights with respect to any Restricted Stock Units unless and until shares are delivered in settlement thereof.

(iii) Dividend Equivalents. To the extent provided by the Board, a grant of Restricted Stock Units may provide a Participant with the right to receive Dividend Equivalents. Dividend Equivalents may be paid currently or credited to an account for the Participant, may be settled in cash and/or shares of Common Stock and may be subject to the same restrictions on transfer and forfeitability as the Restricted Stock Units with respect to which the Dividend Equivalents are paid, as determined by the Board, subject, in each case, to such terms and conditions as the Board shall establish and set forth in the applicable award agreement. "**Dividend Equivalents**" means a right granted to a Participant to receive the equivalent value (in cash or shares of Common Stock) of dividends paid on shares of Common Stock.

7. Other Stock-Based Awards.

Other Awards of shares of Common Stock, and other Awards that are valued in whole or in part by reference to, or are otherwise based on, shares of Common Stock or other property, may be granted hereunder to Participants ("**Other Stock-Based Awards**"), including without limitation stock appreciation rights ("**SARs**") (which shall be subject to the same limitations applicable to awards of Nonstatutory Stock Options) and Awards entitling recipients to receive shares of Common Stock to be delivered in the future. Such Other Stock-Based Awards shall also be available as a form of payment in the settlement of other Awards granted under the Plan or as payment in lieu of compensation to which a Participant is otherwise entitled. Other Stock-Based Awards may be paid in shares of Common Stock or cash, as the Board shall determine. Subject to the provisions of the Plan, the Board shall determine the terms and conditions of each Other Stock-Based Award, including any purchase price, transfer restrictions, vesting conditions and other terms and conditions applicable thereto.

8. Adjustments for Changes in Common Stock and Certain Other Events.

(a) In the event of any stock split, reverse stock split, stock dividend, recapitalization, combination of shares, reclassification of shares, spin-off or other similar change in capitalization or event, or any dividend or distribution to holders of Common Stock other than an ordinary cash dividend, (i) the number and class of securities available under this Plan, (ii) the number and class of securities and exercise price per share of each outstanding Option, (iii) the number of shares subject to and the repurchase price per share subject to each other outstanding Award, and (iv) the terms of each other outstanding Award shall be equitably adjusted by the Company (or substituted Awards may be made, if applicable) in the manner determined by the Board; *provided that*, unless otherwise determined by the Board, such changes to the Options shall comply with section 1.424-1 of the Treasury Regulations. Without limiting the generality of the foregoing, in the event the Company effects a split of the Common Stock by means of a stock dividend and the exercise price of and the number of shares subject to an outstanding Option are adjusted as of the date of the distribution of the dividend (rather than as of the record date for such dividend), then a Participant who exercises an Option between the record date and the distribution date for such stock dividend shall be entitled to receive, on the distribution date, the stock dividend with respect to the shares of Common Stock acquired upon such Option exercise, notwithstanding the fact that such shares were not outstanding as of the close of business on the record date for such stock dividend.

(b) Reorganization Events.

(i) Definition. A "**Reorganization Event**" means the consummation of: (A) the dissolution or liquidation of the Company, (B) the sale of all or substantially all of the assets of the Company on a consolidated basis to an unrelated person or entity, (C) a merger, reorganization or consolidation pursuant to which the holders of the Company's outstanding voting power immediately prior to such transaction do not own a majority of the outstanding voting power of the surviving or resulting entity (or its ultimate parent, if applicable), (D) the acquisition of all or a majority of the outstanding voting stock of the Company in a single transaction or a series of a related transactions by a person or group of persons, or (E) any other acquisition of the business of the Company, as determined by the Board; *provided, however*, that the first firm commitment underwritten public offering pursuant to an effective registration statement under the Securities Act of 1933, as amended, covering the offer and sale by the Company of its equity securities, as a result of or following which the Common Stock shall be public, any subsequent public offering or another capital raising event, or a merger effected solely to change the Company's domicile shall not constitute a "Reorganization Event."

(ii) Consequences of a Reorganization Event on Awards. In connection with a Reorganization Event, the Board may take any one or more of the following actions as to all or any (or any portion of) outstanding Awards on such terms as the Board determines: (A) provide that Awards shall be assumed, or substantially equivalent Awards shall be substituted, by the acquiring or succeeding corporation (or an affiliate thereof); *provided that*, unless otherwise determined by the Board, such assumption or substitution of the Options shall comply with section 1.424-1 of the Treasury Regulations, (B) upon written notice to a Participant, provide that the Participant's unexercised Awards will terminate immediately prior to the consummation of such Reorganization Event unless exercised by the Participant within a specified period following the date of such notice, (C) provide that outstanding Awards shall become vested, exercisable, realizable, or deliverable, or restrictions applicable to an Award shall lapse, in whole or in part prior to or upon such Reorganization Event, (D) in the event of a Reorganization Event under the terms of which holders of Common Stock will receive upon consummation thereof a cash payment for each share surrendered in the Reorganization Event (the "**Acquisition Price**"), make or provide for a cash payment to a Participant equal to the excess, if any, of (I) the Acquisition Price times the number of shares of Common Stock subject to the Participant's Awards (to the extent the exercise price does not exceed the Acquisition Price) over (II) the aggregate exercise price of all such outstanding Awards and any applicable tax withholdings, in exchange for the termination of such Awards, (E) provide that, in connection with a liquidation or dissolution of the Company, Awards shall convert into the right to receive liquidation proceeds (if applicable, net of the exercise price thereof and any applicable tax withholdings) and (F) any combination of the foregoing. In taking any of the actions permitted under this Section 8(b), the Board shall not be obligated by the Plan to treat all Awards, all Awards held by a Participant, or all Awards of the same type, identically.

For purposes of clause (A) above, an Option shall be considered assumed if, following consummation of the Reorganization Event, the Option confers the right to purchase, for each share of Common Stock subject to the Option immediately prior to the consummation of the Reorganization Event, the consideration (whether cash, securities or other property) received as a result of the Reorganization Event by holders of Common Stock for each share of Common Stock held immediately prior to the consummation of the Reorganization Event (and if holders were offered a choice of consideration, the type of consideration chosen by the holders of a majority of the outstanding shares of Common Stock); *provided, however*, that if the consideration received as a result of the Reorganization Event is not solely common stock of the acquiring or succeeding corporation (or an affiliate thereof), the Company may, with the consent of the acquiring or succeeding corporation, provide for the consideration to be received upon the exercise of Options to consist solely of common stock of the acquiring or succeeding corporation (or an affiliate thereof) equivalent in value (as determined by the Board) to the per share consideration received by holders of outstanding shares of Common Stock as a result of the Reorganization Event.

9. General Provisions Applicable to Awards.

(a) Transferability of Awards. Except as the Board may otherwise determine or provide in an Award, Awards shall not be sold, assigned, transferred, pledged or otherwise encumbered by the person to whom they are granted, either voluntarily or by operation of law, except by will or the laws of descent and distribution or, other than in the case of an Incentive Stock Option, pursuant to a qualified domestic relations order, and, during the life of the Participant, shall be exercisable only by the Participant. References to a Participant, to the extent relevant in the context, shall include references to authorized transferees.

(b) Documentation. Each Award shall be evidenced in such form (written, electronic or otherwise) as the Board shall determine. Each Award may contain terms and conditions in addition to those set forth in the Plan.

(c) Board Discretion. Except as otherwise provided by the Plan, each Award may be made alone or in addition or in relation to any other Award. The terms of each Award need not be identical, and the Board need not treat Participants uniformly.

(d) Termination of Status. The Board shall determine the effect on an Award of the disability, death, retirement, termination or other cessation of employment, authorized leave of absence or other change in the employment or other status of a Participant and the extent to which, and the period during which, the Participant, or the Participant's legal representative, conservator, guardian or Designated Beneficiary, may exercise rights under the Award.

(e) Withholding. The Company shall not be obligated to deliver certificates, release from forfeiture, otherwise recognize a Participant's unrestricted ownership in an Award or the cash or property proceeds therefrom, until the Company satisfies all applicable federal, state, and local or other income and employment tax withholding obligations. In its sole discretion, the Company may satisfy such withholding obligations by any of the following means or by a combination of such means: (i) causing the Participant to tender to the Company cash payment; (ii) withholding cash from an Award settled in cash; (iii) withholding from amounts otherwise payable by the Company to the Participant, including but not limited to additional withholding on the Participant's salary or wages, or from proceeds from the sale of Common Stock issued pursuant to an Award; (iv) delivery of shares of Common Stock, including shares retained from the Award creating the tax obligation, valued at their Fair Market Value; *provided, however*, except as otherwise provided by the Board, that the total tax withholding where stock is being used to satisfy such tax obligations cannot exceed the Company's minimum statutory withholding obligations (based on minimum statutory withholding rates for federal and state tax purposes, including payroll taxes, that are applicable to such supplemental taxable income), and *provided, further*, shares surrendered to satisfy tax withholding requirements cannot be subject to any repurchase, forfeiture, unfulfilled vesting or other similar requirements; or (v) by such other method as determined by the Board.

(f) Amendment of Award.

(i) The Board may amend, modify or terminate any outstanding Award, including but not limited to, substituting therefor another Award of the same or a different type, changing the date of exercise or settlement, and converting an Incentive Stock Option to a Nonstatutory Stock Option. The Participant's consent to such action shall be required unless (A) the Board determines that the action, taking into account any related action, would not materially and adversely affect the Participant's rights under the Plan, (B) the change is permitted under Section 8 hereof, or (C) the change is to ensure that an Option intended to qualify as an Incentive Stock Option qualifies as such.

(ii) The Board may, without stockholder approval, amend any outstanding Award granted under the Plan to provide an exercise price per share that is lower than the then-current exercise price per share of such outstanding Award. The Board may also, without stockholder approval, cancel any outstanding award (whether or not granted under the Plan) and grant in substitution therefor new Awards under the Plan covering the same or a different number of shares of Common Stock and having an exercise price per share lower than the then-current exercise price per share of the cancelled award.

(g) Conditions on Delivery of Stock. The Company will not be obligated to deliver any shares of Common Stock pursuant to the Plan or to remove restrictions from shares previously delivered under the Plan until (i) all conditions of the Award have been met or removed to the satisfaction of the Company, (ii) in the opinion of the Company's counsel, all other legal matters in connection with the issuance and delivery of such shares have been satisfied, including any applicable securities laws and any applicable stock exchange or stock market rules and regulations, and (iii) the Participant has executed and delivered to the Company such representations or agreements as the Company may consider appropriate to satisfy

the requirements of any applicable laws, rules or regulations. The inability of the Company to obtain authority from any regulatory body having jurisdiction, which authority is determined by the Board to be necessary to the lawful issuance and sale of any securities hereunder, shall relieve the Company of any liability in respect of the failure to issue or sell such shares at to which such requisite authority shall not have been obtained.

(h) Acceleration. The Board may at any time provide that any Award shall become immediately exercisable in full or in part, free of some or all restrictions or conditions, or otherwise realizable in full or in part, as the case may be.

10. Miscellaneous.

(a) No Right To Employment or Other Status. No person shall have any claim or right to be granted an Award, and the grant of an Award shall not be construed as giving a Participant the right to continued employment or any other relationship with the Company. The Company expressly reserves the right at any time to dismiss or otherwise terminate its relationship with a Participant free from any liability or claim under the Plan, except as expressly provided in the applicable Award.

(b) No Rights As Stockholder. Subject to the provisions of the applicable Award, no Participant or Designated Beneficiary shall have any rights as a stockholder with respect to any shares of Common Stock to be distributed with respect to an Award until becoming the record holder of such shares. Notwithstanding any other provision of the Plan, unless otherwise determined by the Board or required by any applicable laws, the Company shall not be required to deliver to any Participant certificates evidencing shares of Common Stock issued in connection with any Award and instead such shares of Common Stock may be recorded in the books of the Company (or, as applicable, its transfer agent or stock plan administrator). The Company may place legends on any stock certificates issued under the Plan deemed necessary or appropriate by the Board in order to comply with applicable laws.

(c) Effective Date and Term of Plan. The Plan shall become effective on the date on which it is adopted by the Board. No Awards shall be granted under the Plan after the expiration of 10 years from the earlier of (i) the date on which the Plan was adopted by the Board or (ii) the date the Plan was approved by the Company's stockholders, but Awards previously granted may extend beyond that date.

(d) Amendment of Plan. The Board may amend, suspend or terminate the Plan or any portion thereof at any time; *provided that* if at any time the approval of a Company stockholder is required as to any modification or amendment under Section 422 of the Code or any successor provision with respect to Incentive Stock Options or pursuant to any other applicable law or regulation, the Board may not effect such modification or amendment without stockholder approval. Unless otherwise specified in the amendment, any amendment to the Plan adopted in accordance with this Section 10(d) shall apply to, and be binding on the holders of, all Awards outstanding under the Plan at the time the amendment is adopted, *provided* the Board determines that such amendment does not materially and adversely affect the rights of Participants under the Plan.

(e) Authorization of Sub-Plans. The Board may from time to time establish one or more sub-plans under the Plan for purposes of satisfying applicable blue sky, securities or tax laws of various jurisdictions. The Board shall establish such sub-plans by adopting supplements to this Plan containing (i) such limitations on the Board's discretion under the Plan as the Board deems necessary or desirable or (ii) such additional terms and conditions not otherwise inconsistent with the Plan as the Board shall deem necessary or desirable. All supplements adopted by the Board shall be deemed to be part of the Plan, but each supplement shall apply only to Participants within the affected jurisdiction and the Company shall not be required to provide copies of any supplement to Participants in any jurisdiction which is not the subject of such supplement.

(f) Compliance with Code Section 409A. Unless otherwise expressly provided for in an Award, the Plan and Award will be interpreted to the greatest extent possible in a manner that makes the Plan and the Awards granted hereunder exempt from Section 409A of the Code, and, to the extent not so exempt, in compliance with Section 409A of the Code. If the Board determines that any Award granted hereunder is not exempt from and is therefore subject to Section 409A of the Code, the Award will incorporate the terms and conditions necessary to avoid the consequences specified in Section 409A(a)(1) of the Code, and to the extent an Award is silent on terms necessary for compliance, such terms as deemed necessary by the Board in its sole discretion are hereby incorporated by reference into the Award. Without limiting the generality of the foregoing, if shares of Common Stock are publicly traded, and if a Participant holding an Award that constitutes “deferred compensation” under Section 409A of the Code is a “specified employee” for purposes of Section 409A of the Code, no distribution or payment of any amount that is due because of a “separation from service” (as defined in Section 409A of the Code without regard to alternative definitions thereunder) will be issued or paid before the date that is six months following the date of such Participant’s “separation from service” or, if earlier, the date of the Participant’s death, unless such distribution or payment can be made in a manner that complies with Section 409A of the Code, and any amounts so deferred will be paid in a lump sum on the day after such six month period elapses, with the balance paid thereafter on the original schedule. The Company shall have no liability to a Participant, or any other party, if an Award that is intended to be exempt from, or compliant with, Section 409A of the Code is not so exempt or compliant or for any other action taken by the Board.

(g) Governing Law. The provisions of the Plan and all Awards made hereunder shall be governed by and interpreted in accordance with the laws of the State of Delaware, excluding choice-of-law principles of the law of such state that would require the application of the laws of a jurisdiction other than such state.

(h) Data Privacy. As a condition of receipt of any Award, each Participant explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of personal data as described in this paragraph by and among, as applicable, the Company and its subsidiaries and affiliates for the exclusive purpose of implementing, administering and managing the Participant’s participation in the Plan. The Company and its subsidiaries and affiliates may hold certain personal information about a Participant, including but not limited to, the Participant’s name, home address and telephone number, date of birth, social security or insurance number or other identification number, salary, nationality, job title(s), any shares of stock held in the Company or any of its subsidiaries and affiliates, details of all Awards, in each case, for the purpose of implementing, managing and administering the Plan and Awards (the “**Data**”). The Company and its subsidiaries and affiliates may transfer the Data amongst themselves as necessary for the purpose of implementation, administration and management of a Participant’s participation in the Plan, and the Company and its subsidiaries and affiliates may each further transfer the Data to any third parties assisting the Company in the implementation, administration and management of the Plan. These recipients may be located in the Participant’s country, or elsewhere, and the Participant’s country may have different data privacy laws and protections than the recipients’ country. Through acceptance of an Award, each Participant authorizes such recipients to receive, possess, use, retain and transfer the Data, in electronic or other form, for the purposes of implementing, administering and managing the Participant’s participation in the Plan, including any requisite transfer of such Data as may be required to a broker or other third party with whom the Company or the Participant may elect to deposit any shares of Common Stock. The Data related to a Participant will be held only as long as is necessary to implement, administer, and manage the Participant’s participation in the Plan. A Participant may, at any time, view the Data held by the Company with respect to such Participant, request additional information about the storage and processing of the Data with respect to such Participant, recommend any necessary corrections to the Data with respect to the

Participant or refuse or withdraw the consents herein in writing, in any case without cost, by contacting his or her local human resources representative. The Company may cancel Participant's ability to participate in the Plan and, in the Board's discretion, the Participant may forfeit any outstanding Awards if the Participant refuses or withdraws his or her consents as described herein. For more information on the consequences of refusal to consent or withdrawal of consent, Participants may contact their local human resources representative.

(i) Restrictions on Shares; Clawback Provisions. Shares of Common Stock acquired in respect of Awards shall be subject to such terms and conditions as the Board shall determine, including, without limitation, restrictions on the transferability of shares of Common Stock, the right of the Company to repurchase shares of Common Stock, the right of the Company to require that shares of Common Stock be transferred in the event of certain transactions, tag-along rights, bring-along rights, redemption and co-sale rights and voting requirements. Such terms and conditions may be additional to those contained in the Plan and may, as determined by the Board, be contained in the applicable Award Agreement or in an exercise notice, stockholders' agreement or in such other agreement as the Board shall determine, in each case in a form determined by the Board. The issuance of such shares of Common Stock shall be conditioned on the Participant's consent to such terms and conditions and the Participant's entering into such agreement or agreements. All Awards (including any proceeds, gains or other economic benefit actually or constructively received by Participant upon any receipt or exercise of any Award or upon the receipt or resale of any shares of Common Stock underlying the Award) shall be subject to the provisions of any clawback policy implemented by the Company, including, without limitation, any clawback policy adopted to comply with the requirements of the Dodd-Frank Wall Street Reform and Consumer Protection Act and any rules or regulations promulgated thereunder, to the extent set forth in such clawback policy and/or in the applicable Award Agreement.

SPYRE THERAPEUTICS, INC.
2023 EQUITY INCENTIVE PLAN
CALIFORNIA SUPPLEMENT

Pursuant to Section 10(e) of the Plan, the Board has adopted this supplement for purposes of satisfying the requirements of Section 25102(o) of the California Law:

Any Awards granted under the Plan to a Participant who is a resident of the State of California on the date of grant (a “**California Participant**”) shall be subject to the following additional limitations, terms and conditions:

1. Additional Limitations on Options.

(a) Minimum Vesting Rate. Except in the case of Options granted to California Participants who are officers, directors, managers, consultants or advisors of the Company or its affiliates (which Options may become exercisable at whatever rate is determined by the Board), Options granted to California Participants shall become exercisable at a rate of not less than 20% per year over five years from the date of grant; *provided, that*, such Options may be subject to such reasonable forfeiture conditions as the Board may choose to impose and which are not inconsistent with Section 260.140.41 of the California Regulations.

(b) Minimum Exercise Price. The exercise price of Options granted to California Participants may not be less than 85% of the Fair Market Value of the Common Stock on the date of grant in the case of a Nonstatutory Stock Option or less than 100% of the Fair Market Value of the Common Stock on the date of grant in the case of an Incentive Stock Option; *provided, however*, that if the California Participant is a person who owns stock possessing more than 10% of the total combined voting power of all classes of stock of the Company or its parent or subsidiary corporations, the exercise price shall be not less than 110% of the Fair Market Value of the Common Stock on the date of grant.

(c) Maximum Duration of Options. No Options granted to California Participants shall have a term in excess of 10 years measured from the Option grant date.

(d) Minimum Exercise Period Following Termination. Unless a California Participant’s employment is terminated for cause (as defined by applicable law, the terms of any contract of employment between the Company and such Participant, or in the instrument evidencing the grant of such Participant’s Option), in the event of termination of employment of such Participant, such Participant shall have the right to exercise an Option, to the extent that he or she was otherwise entitled to exercise such Option on the date employment terminated, as follows: (i) at least six months from the date of termination, if termination was caused by such Participant’s death or “permanent and total disability” (within the meaning of Section 22(e)(3) of the Code) and (ii) at least 30 days from the date of termination, if termination was caused other than by such Participant’s death or “permanent and total disability” (within the meaning of Section 22(e)(3) of the Code).

(e) Limitation on Repurchase Rights. If an Option granted to a California Participant gives the Company the right to repurchase shares of Common Stock issued pursuant to the Plan upon termination of employment of such Participant, the terms of such repurchase right must comply with Section 260.140.41(k) of the California Regulations.

2. Additional Limitations for Restricted Stock.

(a) Minimum Purchase Price. The purchase price for Restricted Stock granted to a California Participant shall be not less than 85% of the Fair Market Value of the Common Stock at the time such Participant is granted the right to purchase shares under the Plan or at the time the purchase is consummated; *provided, however*, that if such Participant is a person who owns stock possessing more than 10% of the total combined voting power or value of all classes of stock of the Company or its parent or subsidiary corporations, the purchase price shall be not less than 100% of the Fair Market Value of the Common Stock at the time such Participant is granted the right to purchase shares under the Plan or at the time the purchase is consummated.

(b) Limitation of Repurchase Rights. If Restricted Stock granted to a California Participant gives the Company the right to repurchase shares of Common Stock issued pursuant to the Plan upon termination of employment of such Participant, the terms of such repurchase right must comply with Section 260.140.42(h) of the California Regulations.

3. Additional Limitations for Other Stock-Based Awards.

The terms of all Awards granted to a California Participant under Section 7 of the Plan shall comply, to the extent applicable, with Section 260.140.41 or Section 260.140.42 of the California Regulations.

4. Additional Requirement to Provide Information to California Participants.

The Company shall provide to each California Participant and to each California Participant who acquires Common Stock pursuant to the Plan, not less frequently than annually, copies of annual financial statements (which need not be audited). The Company shall not be required to provide such statements to key employees whose duties in connection with the Company assure their access to equivalent information.

5. Additional Limitations on Timing of Awards.

No Award granted to a California Participant shall become exercisable, vested or realizable, as applicable to such Award, unless the Plan has been approved by the holders of a majority of the Company's outstanding voting securities within 12 months before or after the date the Plan was adopted by the Board.

6. Additional Limitations Relating to Definition of Fair Market Value.

For purposes of Section 1(b) and 2(a) of this supplement, "Fair Market Value" shall be determined in a manner not inconsistent with Section 260.140.50 of the California Regulations.

7. Additional Restriction Regarding Recapitalizations, Stock Splits, Etc.

For purposes of Section 8 of the Plan, in the event of a stock split, reverse stock split, stock dividend, recapitalization, combination, reclassification or other distribution of the Company's securities, the number of securities allocated to each California Participant must be adjusted proportionately and without the receipt by the Company of any consideration from any California Participant.

AEGLEA BIOTHERAPEUTICS, INC.
STOCK RESTRICTION AGREEMENT

This Stock Restriction Agreement (this “**Agreement**”) is made and entered into as of March 10, 2015 (the “**Effective Date**”) by and between Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”), and (“**Stockholder**”).

R E C I T A L S

A. Stockholder was the owner of Common B Shares (the “**Units**”) of Aeglea BioTherapeutics Holdings, LLC, the predecessor in interest of the Company (the “**Predecessor LLC**”), acquired pursuant to that certain Award Agreement dated as of by and between the Stockholder and the Predecessor LLC (the “**Award Agreement**”).

B. Pursuant to that certain Plan of Conversion, dated as of the date hereof, the Units converted into shares (the “**Shares**”) of the Company’s Common Stock (such conversion of the Units into Shares, the “**Conversion**”), and as of such date % of the Units were vested and % of the Units were unvested in accordance with the terms of the Award Agreement.

C. To induce certain investors to purchase shares of the Company’s Series B Preferred Stock pursuant to that certain Series B Preferred Stock Purchase Agreement by and among the Company and such investors dated of even date herewith, and as an incentive for Stockholder to remain with the Company or an Affiliate (as defined below) of the Company, the parties have agreed upon a mechanism for the repurchase of certain of the Shares from Stockholder should Stockholder’s relationship with the Company terminate, all as more fully set forth below.

NOW, THEREFORE, in consideration of the mutual promises herein contained, the Company and Stockholder agree as follows.

1. MARKET STANDOFF AGREEMENT. Stockholder hereby agrees that during a period, not to exceed 180 days (or, if required by such underwriter, such longer period of time as is necessary to enable such underwriter to issue a research report or make a public appearance that relates to an earnings release or announcement by the Company within 18 days prior to or after the date that is one hundred eighty (180) days after the effective date of the registration statement relating to such offering, but in any event not to exceed two hundred ten (210) days following the effective date of the registration statement relating to such offering), following the effective date of the initial, effective registration statement of the Company filed under the Securities Act (“**IPO**”), it shall not, to the extent requested by the Company and any underwriter, sell, pledge, transfer, make any short sale of, loan, grant any option for the purchase of, or otherwise transfer or dispose of any Capital Stock of the Company held by it at any time during such period except Capital Stock included in such registration. The underwriters in connection with the IPO are intended third-party beneficiaries of this Section 1 and shall have the right, power and authority to enforce the provisions hereof as though they were a party hereto. Each Holder further agrees to execute such agreements as may be reasonably requested by the underwriters in the IPO that are consistent with this Section 1 or that are necessary to give further effect thereto.

2. RESTRICTIONS ON TRANSFER. Stockholder acknowledges and agrees that neither Unvested Shares (defined below) nor Vested Shares (defined below) may be sold or otherwise transferred in any manner otherwise than by will or by the laws of descent or distribution, without the prior written consent of the Company. The terms of this Agreement shall be binding upon the executors, administrators, heirs, successors and assigns of Stockholder. The restrictions on transfer set forth in this Section 2 will expire on the earlier of an IPO or a Company Sale (as defined in the Company’s restated certificate of incorporation, as may be amended from time to time).

3. SUPPLEMENTAL RIGHT OF FIRST REFUSAL. In addition to the restrictions on transfer set forth in Section 2 above, and any restrictions on transfer applicable under the that certain Right of First Refusal and Co-Sale Agreement dated March 9, 2015 between the Company and certain investors and other stockholders, as may be

amended from time to time, Stockholder acknowledges and agrees that if the foregoing restrictions are not applicable for any reason, then the following restrictions on transfer shall instead apply: (i) Unvested Shares (defined below) may not be sold or otherwise transferred by Stockholder without the Company's prior written consent, and (ii) that before any Vested Shares held by Stockholder or any transferee of such Vested Shares (either sometimes referred to herein as the "**Holder**") may be sold or otherwise transferred (including without limitation a transfer by gift or operation of law), the Company and/or its assignee(s) will have a right of first refusal to purchase the Shares to be sold or transferred (the "**Offered Shares**") on the terms and conditions set forth in this Section 3 (the "**Right of First Refusal**").

3.1. Notice of Proposed Transfer. The Holder of the Offered Shares will deliver to the Company a written notice (the "**Notice**") stating: (a) the Holder's bona fide intention to sell or otherwise transfer the Offered Shares; (b) the name and address of each proposed purchaser or other transferee (the "**Proposed Transferee**"); (c) the number of Offered Shares to be transferred to each Proposed Transferee; (d) the bona fide cash price or other consideration for which the Holder proposes to transfer the Offered Shares (the "**Offered Price**"); and (e) that the Holder acknowledges this Notice is an offer to sell the Offered Shares to the Company and/or its assignee(s) pursuant to the Company's Right of First Refusal at the Offered Price as provided for in this Agreement.

3.2. Exercise of Right of First Refusal. At any time within thirty (30) days after the date the Notice was effective in accordance with Section 10.1 hereof, the Company and/or its assignee(s) may, by giving written notice to the Holder, elect to purchase all (or, with the consent of the Holder, less than all) the Offered Shares proposed to be transferred to any one or more of the Proposed Transferees named in the Notice, at the purchase price determined in accordance with Section 3.3 below.

3.3. Purchase Price. The purchase price for the Offered Shares purchased under this Section will be the Offered Price, provided that if the Offered Price consists of no legal consideration (as, for example, in the case of a transfer by gift), the purchase price will be the fair market value of the Offered Shares as determined in good faith by the Company's Board of Directors. If the Offered Price includes consideration other than cash, then the value of the non-cash consideration, as determined in good faith by the Company's Board of Directors, will conclusively be deemed to be the cash equivalent value of such non-cash consideration.

3.4. Payment. Payment of the purchase price for the Offered Shares will be payable, at the option of the Company and/or its assignee(s) (as applicable), by check or by cancellation of all or a portion of any outstanding indebtedness owed by the Holder to the Company (or to such assignee, in the case of a purchase of Offered Shares by such assignee) or by any combination thereof. The purchase price will be paid without interest within sixty (60) days after the Company's receipt of the Notice, or, at the option of the Company and/or its assignee(s), in the manner and at the time(s) set forth in the Notice.

3.5. Exempt Transfers. Notwithstanding anything to the contrary in this Section, the following transfers of Vested Shares will be exempt from the Right of First Refusal: (a) the transfer of any or all of the Vested Shares during Stockholder's lifetime by gift or on Stockholder's death by will or intestacy to Stockholder's "**Immediate Family**" (as defined below) or to a trust for the benefit of Stockholder or Stockholder's Immediate Family, provided that each transferee or other recipient agrees in a writing satisfactory to the Company that the provisions of this Section will continue to apply to the transferred Vested Shares in the hands of such transferee or other recipient; (b) except as provided in Section 4.2.2 clause (b) below, any transfer or conversion of Vested Shares made pursuant to a statutory merger or statutory consolidation of the Company with or into another corporation or corporations; or (c) any transfer of Vested Shares pursuant to the winding up and dissolution of the Company. As used herein, the term "**Immediate Family**" will mean Stockholder's spouse, the lineal descendant or antecedent, brother or sister, of Stockholder or Stockholder's spouse, or the spouse of any lineal descendant or antecedent, brother or sister of Stockholder, or Stockholder's spouse, whether or not any of the above are adopted.

3.6. Termination of Right of First Refusal. The Right of First Refusal will terminate as to all Shares (a) on the effective date of the first sale of Common Stock of the Company to the general public pursuant to a registration statement filed with and declared effective by the SEC under the 1933 Act (other than a registration statement relating solely to the issuance of Common Stock pursuant to a business combination or an employee incentive or benefit plan) or (b) on any transfer or conversion of Shares made pursuant to a statutory merger or statutory consolidation of the Company with or into another corporation or corporations if the common stock of the surviving corporation or any direct or indirect parent corporation thereof is registered under the Securities Exchange Act of 1934, as amended.

4. COMPANY'S REPURCHASE OPTIONS. The Company and its assignees shall have the option, exercisable if Stockholder ceases to be employed by the Company (as defined herein) for any reason, or no reason, including without limitation Stockholder's death, disability, voluntary resignation or termination by the Company with or without cause, to (i) repurchase all or a portion of the Unvested Shares then held by Stockholder on the terms and conditions set forth in Section 4.4 (the "**Unvested Share Repurchase Option**") and (ii) repurchase all or a portion of the Vested Shares then held by Stockholder on the terms and conditions set forth in Section 4.4 (the "**Vested Share Repurchase Option**").

4.1. Definition of "Employed by the Company"; "Termination Date". For purposes of this Agreement, Stockholder will be considered to be "**employed by the Company**" if the Board of Directors of the Company (the "**Board**") determines that Stockholder is rendering substantial services as an officer, employee, consultant or independent contractor to the Company or to any Affiliate of the Company. In case of any dispute as to whether Stockholder is employed by the Company, the Board shall have sole discretion to determine whether Stockholder has ceased to be employed by the Company or any Affiliate and the effective date on which Stockholder's employment terminated (the "**Termination Date**"). An "**Affiliate**" means any entity that owns, directly or indirectly, shares representing more than 50% of the total combined voting power of all classes of capital stock of the Company or any entity in which the Company owns, directly or indirectly, equity interests representing more than 50% of the voting power of such entity.

4.2. Unvested and Vested Shares.

4.2.1 Vesting Schedule. [Example only] Shares that are vested pursuant to the schedule set forth herein are "**Vested Shares**". Shares that are not vested pursuant to the schedule set forth herein are "**Unvested Shares**". On the Effective Date [] of the Shares will be Unvested Shares and [] of the Shares will be Vested Shares. If Stockholder has continuously been employed by the Company or any Affiliate, at all times from the Effective Date until [] (the "**First Vesting Date**"), then on the First Vesting Date, and additional [1/16th] of the Shares will become Vested Shares; and thereafter, for so long (and only for so long) as Stockholder remains continuously employed by the Company or any Affiliate at all times after the First Vesting Date, on the last day of each succeeding three month period elapsed after the First Vesting Date an additional [1/16th] of the Shares will become Vested Shares. No Unvested Shares will become Vested Shares after the Termination Date. If the application of the vesting percentage results in a fractional Share, such fraction shall be rounded down to the nearest whole Share.

4.3. Adjustments. The number of Shares that are Vested Shares or Unvested Shares will be proportionally adjusted to reflect any stock dividend, stock split, reverse stock split or recapitalization of the common stock of the Company occurring after the Effective Date.

4.4. Repurchase Option on Unvested Shares at \$0.0001 Per Share. At any time within ninety (90) days after the Termination Date, the Company or its assignee shall have the right (but not the obligation), to repurchase any or all of the Unvested Shares (the "**Unvested Share Repurchase Option**") by giving Stockholder written notice of exercise of the Unvested Share Repurchase Option. The Company and/or its assignee(s) will then have the option to repurchase from Stockholder (or from Stockholder's personal representative as the case may be) any or all of the Unvested Shares at \$0.0001 per Share, as adjusted to reflect any stock dividend, stock split, reverse stock split or recapitalization of the common stock of the Company occurring after the Effective Date (the "**Unvested Share Repurchase Price**"). The Unvested Share Repurchase Price will be payable, at the option of the Company and/or its assignee(s), as the case may be, by check or by cancellation of all or a portion of any outstanding indebtedness owed by Stockholder to the Company (or to such assignee) or by any combination thereof. The Unvested Share Repurchase Price will be paid without interest within ninety (90) days after the Company gives the Stockholder written notice of the exercise of the Unvested Share Repurchase Option.

4.5. Repurchase Option on Vested Shares at \$0.0001 Per Share. If Stockholder ceases to be employed by the Company or an Affiliate due to termination by the Company or an Affiliate for Cause (as defined below), then at any time within ninety (90) days after the Termination Date, the Company or its assignee, shall have the right (but not the obligation), to repurchase any or all of the Vested Shares (the “**Vested Share Repurchase Option**”) by giving Stockholder written notice of exercise of the Vested Share Repurchase Option. The Company and/or its assignee(s) will then have the option to repurchase from Stockholder (or from Stockholder’s personal representative as the case may be) any or all of the Vested Shares at \$0.001 per Share, as adjusted to reflect any stock dividend, stock split, reverse stock split or recapitalization of the common stock of the Company occurring after the Effective Date (the “**Vested Share Repurchase Price**”). The Vested Share Repurchase Price will be payable, at the option of the Company and/or its assignee(s), as the case may be, by check or by cancellation of all or a portion of any outstanding indebtedness owed by Stockholder to the Company (or to such assignee) or by any combination thereof. The Vested Share Repurchase Price will be paid without interest within ninety (90) days after the Company gives the Stockholder written notice of the exercise of the Vested Share Repurchase Option.

For purposes of this Section 4.5, “**Cause**” shall mean the termination of Stockholder’s status as an employee, a director or consultant (as applicable) of the Company or an Affiliate for any of the following reasons, as determined by the Board of Directors of the Company; provided, that, with respect to a Stockholder that is party to an agreement with the Company where a termination for cause is defined in such agreement, the definition in such agreement shall govern the determination under this Section 4.5: (i) Stockholder commits a material breach of any consulting, employment, noncompetition, confidentiality or similar agreement with the Company or an Affiliate, as determined under such agreement; (ii) Stockholder is convicted (including a trial, plea of guilty or plea of nolo contendere) for committing an act of fraud, embezzlement, theft, or other act constituting a felony; or (iii) Stockholder willfully engages in gross misconduct or willfully violates the policies of the Company or an Affiliate in a manner that is materially and demonstrably injurious to the Company and/or the Affiliate. However, no act, or failure to act, on the grantee’s part shall be considered “willful” unless done, or omitted to be done, by the grantee not in good faith and without reasonable belief that the grantee’s action or omission was in the best interest of the Company or the Affiliate.

4.6. Right of Termination Unaffected. Nothing in this Agreement will be construed to limit or otherwise affect in any manner whatsoever the right or power of the Company (or any Affiliate) to terminate Stockholder’s employment with the Company (or any Affiliate) at any time for any reason or no reason, with or without cause.

5. RIGHTS AS OWNER OF SHARES. Subject to the terms and conditions of this Agreement, Stockholder will have all of the rights to the Shares from and after the date that Stockholder acquired them in the Conversion until such time as Stockholder disposes of the Shares or the Company and/or its assignee(s) exercise(s) the Repurchase Option. Upon an exercise of the Repurchase Option, Stockholder will have no further rights as a holder of the Shares so purchased upon such exercise, except the right to receive payment for the Shares so purchased in accordance with the provisions of this Agreement, and Stockholder will promptly surrender the stock certificate(s) evidencing the Shares so purchased to the Company for transfer or cancellation.

6. ESCROW. As security for Stockholder’s faithful performance of this Agreement, Stockholder agrees, immediately upon receipt of the stock certificate(s) evidencing the Shares, to deliver such certificate(s), together with the Stock Powers attached in the form of Exhibit 1 hereto executed by Stockholder and by Stockholder’s spouse, if any (with the date, transferee, stock certificate number and number of Shares left blank), to the Secretary of the Company or other designee of the Company (the “**Escrow Holder**”), who is hereby appointed to hold such certificate(s) and Stock Powers in escrow and to take all such actions and to effectuate all such transfers and/or releases of such Shares as are in accordance with the terms of this Agreement. Escrow Holder will act solely for the Company as its agent and not as a fiduciary. Stockholder and the Company agree that Escrow Holder will not be liable to any party to this Agreement (or to any other party) for any actions or omissions unless Escrow Holder is grossly negligent or intentionally fraudulent in carrying out the duties of Escrow Holder under this Agreement. Escrow Holder may rely upon any letter, notice or other document executed with any signature purported to be genuine and may rely on the advice of counsel and obey any order of any court with respect to the transactions contemplated by this Agreement.

7. TAX CONSEQUENCES. STOCKHOLDER UNDERSTANDS THAT STOCKHOLDER MAY SUFFER ADVERSE TAX CONSEQUENCES AS A RESULT OF STOCKHOLDER’S PURCHASE OR DISPOSITION OF THE SHARES. STOCKHOLDER REPRESENTS (a) THAT STOCKHOLDER HAS CONSULTED WITH A TAX ADVISER THAT STOCKHOLDER DEEMS ADVISABLE IN CONNECTION WITH THE PURCHASE OR DISPOSITION OF THE SHARES AND (b) THAT STOCKHOLDER IS NOT RELYING ON THE COMPANY

FOR ANY TAX ADVICE. Stockholder hereby acknowledges that Stockholder has been informed that, in addition to receiving taxable income upon the receipt of any Shares paid for by the cancellation of compensation for services rendered, unless an election is filed by the Stockholder with the Internal Revenue Service (and, if necessary, the proper state taxing authorities) within 30 days after the acquisition of the Shares to be effective, electing pursuant to Section 83(b) of the Internal Revenue Code (and similar state tax provisions, if applicable) to be taxed currently on any difference between the purchase price of the Shares ("**Purchase Price**") and their fair market value on the date of purchase, there will be a recognition of taxable income to the Stockholder, measured by the excess, if any, of the fair market value of the Shares, at the time they cease to be Unvested Shares, over the Purchase Price for such Shares. Stockholder represents that Stockholder has consulted any tax advisors Stockholder deems advisable in connection with Stockholder's acquisition of the Shares and the filing of the election under Section 83(b) and similar tax provisions. A form of Election under Section 83(b) is attached hereto as Exhibit 2 for reference.

STOCKHOLDER HEREBY ASSUMES ALL RESPONSIBILITY FOR FILING SUCH ELECTION AND PAYING ANY TAXES RESULTING FROM SUCH ELECTION OR FROM FAILURE TO FILE THE ELECTION AND PAYING TAXES RESULTING FROM THE LAPSE OF THE REPURCHASE RESTRICTIONS ON THE UNVESTED SHARES.

8. RESTRICTIVE LEGENDS AND STOP-TRANSFER ORDERS. Stockholder understands and agrees that the Company will place the legends set forth below or similar legends on any stock certificate(s) evidencing the Shares, together with any other legends that may be required by state or federal securities laws, the Company's Certificate of Incorporation or Bylaws, any other agreement between Stockholder and the Company or any third party:

THE SECURITIES REPRESENTED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "ACT"), OR UNDER THE SECURITIES LAWS OF CERTAIN STATES. THESE SECURITIES ARE SUBJECT TO RESTRICTIONS ON TRANSFERABILITY AND RESALE AND MAY NOT BE TRANSFERRED OR RESOLD EXCEPT AS PERMITTED UNDER THE ACT AND APPLICABLE STATE SECURITIES LAWS, PURSUANT TO REGISTRATION OR EXEMPTION THEREFROM. INVESTORS SHOULD BE AWARE THAT THEY MAY BE REQUIRED TO BEAR THE FINANCIAL RISKS OF THIS INVESTMENT FOR AN INDEFINITE PERIOD OF TIME. THE ISSUER OF THESE SECURITIES MAY REQUIRE AN OPINION OF COUNSEL IN FORM AND SUBSTANCE SATISFACTORY TO THE ISSUER TO THE EFFECT THAT ANY PROPOSED TRANSFER OR RESALE IS IN COMPLIANCE WITH THE ACT AND ANY APPLICABLE STATE SECURITIES LAWS.

THE SHARES REPRESENTED BY THIS CERTIFICATE ARE SUBJECT TO CERTAIN RESTRICTIONS ON TRANSFER AS SET FORTH IN THE ISSUER'S EQUITY INCENTIVE PLAN AND THE STOCK RESTRICTION AGREEMENT RELATING TO THESE SHARES, COPIES OF WHICH MAY BE OBTAINED AT THE PRINCIPAL OFFICE OF THE ISSUER, SUCH TRANSFER RESTRICTIONS ARE BINDING ON TRANSFEREES OF THESE SHARES.

Stockholder agrees that, to ensure compliance with the restrictions imposed by this Agreement, the Company may issue appropriate "stop-transfer" instructions to its transfer agent, if any, and if the Company transfers its own securities, it may make appropriate notations to the same effect in its own records. The Company will not be required (a) to transfer on its books any Shares that have been sold or otherwise transferred in violation of any of the provisions of this Agreement or (b) to treat as owner of such Shares, or to accord the right to vote or pay dividends, to any Stockholder or other transferee to whom such Shares have been so transferred.

9. COMPLIANCE WITH LAWS AND REGULATIONS. The issuance and transfer of the Shares will be subject to and conditioned upon compliance by the Company and Stockholder with all applicable state and federal laws and regulations and with all applicable requirements of any stock exchange or automated quotation system on which the Company's Common Stock may be listed or quoted at the time of such issuance or transfer.

10. GENERAL PROVISIONS.

10.1. Notices. Any and all notices required or permitted to be given to a party pursuant to the provisions of this Agreement will be in writing and will be effective and deemed to provide such party sufficient notice under this Agreement on the earliest of the following: (a) at the time of personal delivery, if delivery is in person; (b) one (1) business day after deposit with an express overnight courier for United States deliveries, or two (2) business days after such deposit for deliveries outside of the United States; or (c) three (3) business days after deposit in the United States mail by certified mail (return receipt requested) for United States deliveries.

All notices for delivery outside the United States will be sent by express courier. All notices not delivered personally will be sent with postage and/or other charges prepaid and properly addressed to the party to be notified at the address set forth below the signature lines of this Agreement or at such other address as such other party may designate by one of the indicated means of notice herein to the other party hereto. A “**business day**” shall be a day, other than Saturday or Sunday, when the banks in the city of San Francisco are open for business.

10.2. Further Assurances. The parties agree to execute such further documents and instruments and to take such further actions as may be reasonably necessary to carry out the purposes and intent of this Agreement.

10.3. Titles and Headings. The titles, captions and headings of this Agreement are included for ease of reference only and will be disregarded in interpreting or construing this Agreement. Unless otherwise specifically stated, all references herein to “sections” and “exhibits” will mean “sections” and “exhibits” to this Agreement.

10.4. Governing Law. This Agreement will be governed by and construed in accordance with the laws of the State of Delaware, without giving effect to that body of laws pertaining to conflict of laws.

10.5. Assignments; Successors and Assigns. The Company may assign any of its rights and obligations under this Agreement, including but not limited to its rights to repurchase Shares under the Repurchase Option. Any assignment of rights and obligations by any other party to this Agreement requires the Company’s prior written consent. This Agreement, and the rights and obligations of the parties hereunder, will be binding upon and inure to the benefit of their respective successors, assigns, heirs, executors, administrators and legal representatives.

10.6. Entire Agreement. This Agreement and the documents referred to herein constitute the entire agreement and understanding of the parties with respect to the subject matter of this Agreement, and supersede all prior understandings and agreements, whether oral or written, between or among the parties hereto with respect to the specific subject matter hereof.

10.7. Amendment and Waivers. This Agreement may be amended only by a written agreement executed by each of the parties hereto. No amendment of or waiver of, or modification of any obligation under this Agreement will be enforceable unless set forth in a writing signed by the party against which enforcement is sought. Any amendment effected in accordance with this section will be binding upon all parties hereto and each of their respective successors and assigns. No delay or failure to require performance of any provision of this Agreement shall constitute a waiver of that provision as to that or any other instance. No waiver granted under this Agreement as to any one provision herein shall constitute a subsequent waiver of such provision or of any other provision herein, nor shall it constitute the waiver of any performance other than the actual performance specifically waived.

10.8. Severability. If any provision of this Agreement is determined by any court or arbitrator of competent jurisdiction to be invalid, illegal or unenforceable in any respect, such provision will be enforced to the maximum extent possible given the intent of the parties hereto. If such clause or provision cannot be so enforced, such provision shall be stricken from this Agreement and the remainder of this Agreement shall be enforced as if such invalid, illegal or unenforceable clause or provision had (to the extent not enforceable) never been contained in this Agreement. Notwithstanding the forgoing, if the value of this Agreement based upon the substantial benefit of the bargain for any party is materially impaired, which determination as made by the presiding court or arbitrator of competent jurisdiction shall be binding, then both parties agree to substitute such provision(s) through good faith negotiations.

10.9. Counterparts; Facsimile Signatures. This Agreement may be executed in any number of counterparts, each of which when so executed and delivered will be deemed an original, and all of which together shall constitute one and the same agreement. This Agreement may be executed and delivered by facsimile or electronic transmission and upon such delivery the facsimile or electronic signature will be deemed to have the same effect as if the original signature had been delivered to the other party.

[Signature page follows]

IN WITNESS WHEREOF, the Company has caused this Stock Restriction Agreement to be executed by its duly authorized representative and Stockholder has executed this Agreement, each as of the Effective Date.

COMPANY: AEGLEA BIOTHERAPEUTICS, INC.

STOCKHOLDER:

By: _____
Name: David Lowe
Title: CEO
Address: 901 S. MoPac Expressway
Barton Oaks Plaza One, Suite 250
Austin, Texas 78746

[Name]
By: _____
Address: _____

LIST OF EXHIBITS

- Exhibit 1: Stock Power and Spouse Consent
Exhibit 2: Election Under Section 83(b) of the Internal Revenue Code

EXHIBIT 1

STOCK POWER AND ASSIGNMENT

SEPARATE FROM CERTIFICATE

FOR VALUE RECEIVED and pursuant to that certain Stock Restriction Agreement dated as of March , 2015 (the “***Agreement***”), the undersigned hereby sells, assigns and transfers unto , shares of the Common Stock, \$0.0001 par value per share, of Aeglea BioTherapeutics, Inc., a Delaware corporation (the “***Company***”), standing in the undersigned’s name on the books of the Company represented by Certificate No(s). delivered herewith, and does hereby irrevocably constitute and appoint the Secretary of the Company as the undersigned’s attorney-in-fact, with full power of substitution, to transfer said stock on the books of the Company. *THIS ASSIGNMENT MAY ONLY BE USED AS AUTHORIZED BY THE AGREEMENT AND ANY EXHIBITS THERETO.*

Dated:

STOCKHOLDER

(Signature)

(Please Print Name)

(Spouse’s Signature, if any)

(Please Print Spouse’s Name)

Instructions to Stockholder: Please do not fill in any blanks other than the signature line. The purpose of this Stock Power and Assignment is to enable the Company and/or its assignee(s) to acquire the shares upon exercise of its “Repurchase Option” and “Right of First Refusal” set forth in the Agreement without requiring additional signatures on the part of the Stockholder or Stockholder’s Spouse, if any.

SPOUSE CONSENT

The undersigned spouse of (“***Stockholder***”) has read, understands and hereby approves all the terms and conditions of the Stock Restriction Agreement dated March , 2015 (the “***Agreement***”), by and between Stockholder and Aeglea BioTherapeutics, Inc., a Delaware corporation (the “***Company***”).

I hereby agree to be irrevocably bound by all the terms and conditions of the Agreement (including but not limited to the Company’s Repurchase Option and the Right of First Refusal contained therein) and further agree that any community property interest I may have in the shares of the Company’s Common Stock that are held by Stockholder and are subject to the Agreement (the “***Shares***”) will be similarly bound by the Agreement.

I hereby appoint Stockholder as my attorney-in-fact, to act in my name, place and stead with respect to any amendment of the Agreement.

Dated:

Signature of Spouse [Sign Here]

Name of Spouse [Please Print]

☐ Check this box if you do not have a spouse.

EXHIBIT 2

**ELECTION UNDER SECTION 83(b) OF THE
INTERNAL REVENUE CODE**

**ELECTION UNDER SECTION 83(b) OF THE
INTERNAL REVENUE CODE**

The undersigned Taxpayer hereby elects, pursuant to Section 83(b) of the Internal Revenue Code of 1986, as amended, to include the excess, if any, of the fair market value of the property described below at the time of transfer over the amount paid for such property, as compensation for services in the calculation of: (1) regular gross income; (2) alternative minimum taxable income; or (3) disqualifying disposition gross income, as the case may be.

1. TAXPAYER'S NAME: _____

TAXPAYER'S ADDRESS: _____

SOCIAL SECURITY NUMBER: _____

2. The property with respect to which the election is made is described as follows: shares of Common Stock, par value \$0.0001 per share, of Aeglea BioTherapeutics, Inc., a Delaware corporation (the "**Company**"), which is Taxpayer's employer or the corporation for whom the Taxpayer performs services.
3. The date on which the shares were transferred was , and this election is made for the calendar year 2015.
4. The shares are subject to the following restrictions: The Company may repurchase all or a portion of the shares at the Taxpayer's original purchase price per share, under certain conditions at the time of Taxpayer's termination of employment or services.
5. The fair market value of the shares (without regard to restrictions other than restrictions which by their terms will never lapse) was \$ per share x shares = \$.
6. The amount paid for such shares was \$ per share x shares = .
7. The Taxpayer has submitted a copy of this statement to the Company.
8. The amount to include in gross income is \$.

THIS ELECTION MUST BE FILED WITH THE INTERNAL REVENUE SERVICE ("IRS"), AT THE OFFICE WHERE THE TAXPAYER FILES ANNUAL INCOME TAX RETURNS, WITHIN 30 DAYS AFTER THE DATE OF TRANSFER OF THE SHARES, AND MUST ALSO BE FILED WITH THE TAXPAYER'S INCOME TAX RETURNS FOR THE CALENDAR YEAR. THE ELECTION CANNOT BE REVOKED WITHOUT THE CONSENT OF THE IRS.

Dated:

[NAME]

SEVERANCE AGREEMENT

This Severance Agreement (the “**Agreement**”) is entered into as of April __, 2018 (the “**Effective Date**”) by and between _____ (the “**Executive**”) and Aeglea BioTherapeutics, Inc., a Delaware corporation (the “**Company**”).

1. Term of Agreement.

This Agreement shall terminate on the date the Executive’s employment with the Company or its subsidiary, as applicable, terminates for a reason other than a Qualifying Termination or CIC Qualifying Termination (the “**Expiration Date**”); provided however, if a definitive agreement relating to a Change in Control has been signed by the Company on or before the Expiration Date, then this Agreement shall remain in effect through the earlier of:

- The date the Executive’s employment with the Company terminates for a reason other than a Qualifying Termination or CIC Qualifying Termination, or
- The date the Company has met all of its obligations under this Agreement following a termination of the Executive’s employment with the Company due to a Qualifying Termination or CIC Qualifying Termination.

2. Qualifying Termination. If the Executive is subject to a Qualifying Termination, then, subject to Sections 4, 9, and 10 below, Executive will be entitled to the following benefits:

- (a) **Severance Benefits.** The Company or its subsidiaries shall pay the Executive (i) 12 months of his monthly base salary, (ii) one-hundred percent (100%) of the Executive’s annual target bonus (in each case, at the rate in effect immediately prior to the actions that resulted in the Qualifying Termination). The severance benefits shall be paid through salary continuation in equal installments in accordance with the Company’s or its subsidiary’s, as applicable, standard payroll procedures, with the initial payment to occur on the first payroll date following the sixtieth (60th) day following the Separation, with the first installment to include a catchup payment for amounts covering the period from the date of Separation through the first payment date, *provided that* the Release Conditions have been satisfied. However, if the period comprising the sum of the sixty (60)-day period described in the preceding sentence and the ten (10)-day period described in Section 7(e)(3) below spans two calendar years, then the payments which constitute deferred compensation subject to Section 409A will not in any case commence in the first calendar year. The period between the date of Executive’s Separation and final severance payment shall be referred to herein as the “**Severance Period**.”

- (b) **Continued Employee Benefits.** If Executive timely elects continued coverage under the Consolidated Omnibus Budget Reconciliation Act (“COBRA”), the Company or its subsidiary shall pay the full amount of Executive’s COBRA premiums on behalf of the Executive for the Executive’s continued coverage under the Company’s or its subsidiary’s, as applicable, health, dental and vision plans, including coverage for the Executive’s eligible dependents, for the Severance Period. Notwithstanding the foregoing, if the Company, in its sole discretion, determines that it cannot provide the foregoing subsidy of COBRA coverage without potentially violating or causing the Company or its subsidiary to incur additional expense as a result of noncompliance with applicable law (including, without limitation, Section 2716 of the Public Health Service Act), the Company or its subsidiary instead shall provide to Executive a taxable monthly payment in an amount equal to the monthly COBRA premium that Executive would be required to pay to continue the group health coverage in effect on the date of the Separation (which amount shall be based on the premium for the first month of COBRA coverage), which payments shall be made regardless of whether Executive elects COBRA continuation coverage and shall commence on the later of (i) the first day of the month following the month in which Executive experiences a Separation and (ii) the effective date of the Company’s determination of violation of applicable law, and shall end on the earlier of (x) the effective date on which Executive becomes covered by a health, dental or vision insurance plan of a subsequent employer, and (y) the last day of the Severance Period, *provided that*, any taxable payments under this Section 2(b) will not be paid before the first business day occurring after the sixtieth (60th) day following the Separation and, once they commence, will include any unpaid amounts accrued from the date of Executive’s Separation (to the extent not otherwise satisfied with continuation coverage). However, if the period comprising the sum of the sixty (60)-day period described in the preceding sentence and the ten (10)-day period described in Section 7(e)(3) below spans two calendar years, then the payments which constitute deferred compensation subject to Section 409A will not in any case be paid in the first calendar year. Executive shall have no right to an additional gross-up payment to account for the fact that such COBRA premium amounts are paid on an after-tax basis.
- (c) **Equity.** Any outstanding Equity Awards, including awards that would otherwise vest only upon satisfaction of performance criteria, shall accelerate and become vested and exercisable as if an additional twelve (12) months of vesting had occurred to the then-unvested shares subject to the Equity Award. Equity Awards subject to performance-based vesting criteria as of the date of the Separation shall accelerate and become vested and exercisable as to the number of shares subject to such Equity Award that would have vested if Executive had completed an additional twelve (12) months of service following the date of Separation, provided, however, that the vesting of such performance-based awards shall be as if all applicable performance criteria were achieved at target levels during such 12-month period. Subject to Section 4, the accelerated vesting described above shall be effective as of the Separation.

3. CIC Qualifying Termination. If the Executive is subject to a CIC Qualifying Termination, then, subject to Sections 4, 9, and 10 below, Executive will be entitled to the following benefits:

- (a) **Severance Benefits.** The Company or its subsidiary shall pay the Executive the severance benefits set forth in Section 2(a) above.

- (b) **Continued Employee Benefits.** The Company or its subsidiary shall pay the Executive the continued employee benefits set forth in Section 2(b) above for the same period that the Executive is paid severance benefits pursuant to Section 3(a) following the Executive's Separation or, if earlier, until Executive becomes covered by a health, dental or vision insurance plan of a subsequent employer or until Executive is no longer eligible for COBRA benefits.
- (c) **Equity.** Each of Executive's then outstanding Equity Awards, including awards that would otherwise vest only upon satisfaction of performance criteria, shall accelerate and become vested and exercisable as to 100% of the then unvested shares underlying the Equity Award. For awards that would otherwise vest only upon satisfaction of performance criteria, the foregoing acceleration shall be based on achievement of performance criteria at target, except to the extent otherwise provided in the award agreement evidencing such award. "**Equity Awards**" means all options to purchase shares of Company common stock as well as any and all other stock-based awards granted to the Executive, including but not limited to stock bonus awards, restricted stock, restricted stock units or stock appreciation rights. Subject to Section 4, the accelerated vesting described above shall be effective as of the Separation.

4. General Release. Any other provision of this Agreement notwithstanding, the benefits under Section 2 and 3 shall not apply unless the Executive (i) has executed a general release (in a form prescribed by the Company) of all known and unknown claims that he or she may then have against the Company or entities or persons affiliated with the Company and such release has become effective and (ii) has agreed not to prosecute any legal action or other proceeding based upon any of such claims. The release must be in the form prescribed by the Company, without alterations (this document effecting the foregoing, the "**Release**"). The Company or its subsidiary will deliver the form of Release to the Executive within thirty (30) days after the Executive's Separation. The Executive must execute and return the Release within the time period specified in the form.

5. Accrued Compensation and Benefits. Notwithstanding anything to the contrary in Section 2 and 3 above, in connection with any termination of employment upon or following a Change in Control (whether or not a Qualifying Termination or CIC Qualifying Termination), the Company or its subsidiary shall pay Executive's earned but unpaid base salary and other vested but unpaid cash entitlements for the period through and including the termination of employment, including unused earned vacation pay and unreimbursed documented business expenses incurred by Executive prior to the date of termination (collectively "**Accrued Compensation and Expenses**"), as required by law and the applicable Company or its subsidiary, as applicable, plan or policy. In addition, Executive shall be entitled to any other vested benefits earned by Executive for the period through and including the termination date of Executive's employment under any other employee benefit plans and arrangements maintained by the Company or its subsidiary, as applicable, in accordance with the terms of such plans and arrangements, except as modified herein (collectively "**Accrued Benefits**"). Any Accrued Compensation and Expenses to which the Executive is entitled shall be paid to the Executive in

cash as soon as administratively practicable after the termination, and, in any event, no later than two and one-half (2-1/2) months after the end of the taxable year of the Executive in which the termination occurs or at such earlier time as may be required by applicable law or Section 10 below, and to such lesser extent as may be mandated by Section 9 below. Any Accrued Benefits to which the Executive is entitled shall be paid to the Executive as provided in the relevant plans and arrangements.

6. Covenants.

- (a) **Non-Competition.** The Executive agrees that the benefits provided in this Agreement are granted in consideration for the ongoing promises and obligations of Executive under his employment agreement and any amendments thereto, including but not limited to Executive's obligations concerning non-competition and non-solicitation.
- (b) **Cooperation and Non-Disparagement.** The Executive agrees that, during the Severance Period, he or she shall cooperate with the Company or its subsidiary in every reasonable respect and shall use his or her best efforts to assist the Company or its subsidiary with the transition of Executive's duties to his or her successor. The Executive further agrees that following the date of Separation, he or she shall not in any way or by any means disparage the Company, its subsidiaries, or the members of their Board of Directors or their officers and employees.

7. Definitions.

- (a) **“Cause”** means (i) an unauthorized use or disclosure by Executive of the Company’s or its subsidiaries’ confidential information or trade secrets, which use or disclosure causes or is reasonably likely to cause material harm to the Company or its subsidiaries, (ii) a material breach of any agreement between Executive and the Company or its subsidiaries, (iii) a material failure to comply with the Company’s or its subsidiaries’ written policies or rules that has caused or is reasonably likely to cause material injury to the Company, its successor, or its affiliates, or any of their business, (iv) conviction of, or plea of “guilty” or “no contest” to, a felony under the laws of the United States or any state thereof, (v) willful misconduct that has caused or is reasonably likely to cause material injury to the Company, its successor, or its affiliates, or any of their business, (vi) embezzlement, (vii) failure to cooperate with the Company or its subsidiaries in any investigation or formal proceeding if the Company or its subsidiary, as applicable, has requested Executive’s reasonable cooperation, (viii) violation of any applicable federal, state or foreign statutes or laws that govern or regulate employment, pharmaceutical drugs or securities, including but not limited to the laws enforced by the federal Equal Employment Opportunity Commission, Department of Labor, Food and Drug Administration, Securities and Exchange Commission and Department of Justice or (ix) a continued failure to perform assigned duties after receiving written notification of such failure from the Company’s or its subsidiarys’, as applicable, Chief Executive Officer; *provided that* Executive must be provided with written notice of Executive’s termination for “Cause” and Executive must be provided with a thirty (30) day period following Executive’s receipt of such notice to cure the event(s) that trigger “Cause,” with the Company’s or its subsidiarys’, as applicable, Board of Directors making the final determination whether Executive has cured any Cause.
- (b) **“Code”** means the Internal Revenue Code of 1986, as amended.
- (c) **“Change in Control.”** For all purposes under this Agreement, a Change in Control shall mean a “Corporate Transaction,” as such term is defined in the Company’s 2015 Equity Incentive Plan, as may be amended from time to time, *provided that* the transaction (including any series of transactions) also qualifies as a change in control under U.S. Treasury Regulation 1.409A-3(i)(5)(v) or 1.409A-3(i)(5)(vii).

- (d) **“CIC Qualifying Termination”** means a Separation (A) within twelve (12) months following a Change in Control or (B) within three (3) months preceding a Change in Control (but as to part (B), only if the Separation occurs after a Potential Change in Control) resulting, in either case (A) or (B), from (i) the Company or its subsidiary, as applicable, terminating the Executive’s employment for any reason other than Cause or (ii) the Executive voluntarily resigning his or her employment for Good Reason. A termination or resignation due to the Executive’s death or disability shall not constitute a CIC Qualifying Termination. A **“Potential Change in Control”** means the date of execution of a legally binding and definitive agreement for a corporate transaction which, if consummated, would constitute the applicable Change in Control (which for the avoidance of doubt, would include a merger agreement, but not a term sheet for a merger agreement). In the case of a termination following a Potential Change in Control and before a Change in Control, solely for purposes of benefits under this Agreement, the date of Separation will be deemed the date the Change in Control is consummated.
- (e) **“Good Reason”** means, without the Executive’s consent, (i) a material reduction in the Executive’s level of responsibility and/or scope of authority, (ii) a reduction by more than 10% in Executive’s base salary (other than a reduction generally applicable to executive officers of the Company or its subsidiary, as applicable, and in generally the same proportion as for the Executive), or (iii) relocation of the Executive’s principal workplace by more than thirty-five (35) miles from Executive’s then current place of employment. For the purpose of clause (i), a change in responsibility shall not be deemed to occur (A) solely because Executive is part of a larger organization or (B) solely because of a change in title. For the Executive to receive the benefits under this Agreement as a result of a voluntary resignation under this subsection (e), all of the following requirements must be satisfied: (1) the Executive must provide notice to the Company or its subsidiary, as applicable, of his or her intent to assert Good Reason within sixty (60) days of the initial existence of one or more of the conditions set forth in subclauses (i) through (iii); (2) the Company or its subsidiary, as applicable, will have thirty (30) days (the **“Company Cure Period”**) from the date of such notice to remedy the condition and, if it does so, the Executive may withdraw his or her resignation or may resign with no benefits; and (3) any termination of employment under this provision must occur within ten (10) days of the earlier of expiration of the Company Cure Period or written notice from the Company or its subsidiary, as applicable, that it will not undertake to cure the condition set forth in subclauses (i) through (iii). Should the Company or its subsidiary, as applicable, remedy the condition as set forth above and then one or more of the conditions arises again within twelve months following the occurrence of a Change in Control, the Executive may assert Good Reason again subject to all of the conditions set forth herein.
- (f) **“Release Conditions”** mean the following conditions: (i) Company has received the Executive’s executed Release and (ii) any rescission period applicable to the Executive’s executed Release has expired.

- (g) **“Qualifying Termination”** means a Separation that is not a CIC Qualifying Termination, but which results from (i) the Company or its subsidiary, as applicable, terminating the Executive’s employment for any reason other than Cause or (ii) the Executive voluntarily resigning his or her employment for Good Reason. A termination or resignation due to the Executive’s death or disability shall not constitute a Qualifying Termination.
- (h) **“Separation”** means a “separation from service,” as defined in the regulations under Section 409A of the Code.

8. Successors.

- (a) **Company’s Successors.** The Company shall require any successor (whether direct or indirect and whether by purchase, lease, merger, consolidation, liquidation or otherwise) to all or substantially all of the Company’s business and/or assets, by an agreement in substance and form satisfactory to the Executive, to assume this Agreement and to agree expressly to perform this Agreement in the same manner and to the same extent as the Company would be required to perform it in the absence of a succession. For all purposes under this Agreement, the term “Company” shall include any successor to the Company’s business and/or assets or which becomes bound by this Agreement by operation of law.
- (b) **Executive’s Successors.** This Agreement and all rights of the Executive hereunder shall inure to the benefit of, and be enforceable by, the Executive’s personal or legal representatives, executors, administrators, successors, heirs, distributees, devisees and legatees.

9. Golden Parachute Taxes.

- (a) **Best After-Tax Result.** In the event that any payment or benefit received or to be received by Executive pursuant to this Agreement or otherwise (“**Payments**”) would (i) constitute a “parachute payment” within the meaning of Section 280G of the Code and (ii) but for this subsection (a), be subject to the excise tax imposed by Section 4999 of the Code, any successor provisions, or any comparable federal, state, local or foreign excise tax (“**Excise Tax**”), then, subject to the provisions of Section 10, such Payments shall be either (A) provided in full pursuant to the terms of this Agreement or any other applicable agreement, or (B) provided as to such lesser extent which would result in the Payments being \$1.00 less than the amount at which any portion of the Payments would be subject to the Excise Tax (“**Reduced Amount**”), whichever of the foregoing amounts, taking into account the applicable federal, state, local and foreign income, employment and other taxes and the Excise Tax (including, without limitation, any interest or penalties on such taxes), results in the receipt by Executive, on an after-tax basis, of the greatest amount of payments and benefits provided for hereunder or otherwise, notwithstanding that all or some portion of such Payments may be subject to the Excise Tax. Unless the Company and Executive otherwise agree in writing, any determination required under this Section shall be made by independent tax counsel designated by the Company and reasonably acceptable to Executive (“**Independent Tax Counsel**”), whose determination shall be conclusive and binding upon Executive and the Company for all purposes. For purposes of making the calculations required under this Section, Independent Tax Counsel may make reasonable assumptions and approximations concerning applicable taxes and may rely on reasonable, good faith interpretations concerning the application of Sections 280G and 4999 of the Code; *provided that* Independent Tax Counsel shall assume that Executive pays all taxes at the highest marginal rate. The Company and Executive shall furnish to Independent Tax Counsel such information and documents as Independent Tax Counsel may reasonably request in order to make a determination under this Section. The Company shall bear all costs that Independent Tax Counsel may reasonably incur in connection with any calculations contemplated by this Section. In the event that Section 9(a)(ii) (B) above applies, then based on the information provided to Executive and the Company by Independent Tax Counsel, the cutback described hereunder will apply as to compensation not subject to Section 409A of the Code prior to compensation subject to Section 409A of the Code and will otherwise apply on a reverse chronological basis from payments latest in time. If the Internal Revenue Service (the “**IRS**”) determines that any Payment is subject to the Excise Tax, then Section 9(b) hereof shall apply, and the enforcement of Section 9(b) shall be the exclusive remedy to the Company.

- (b) **Adjustments.** If, notwithstanding any reduction described in Section 9(a) hereof (or in the absence of any such reduction), the IRS determines that Executive is liable for the Excise Tax as a result of the receipt of one or more Payments, then Executive shall be obligated to surrender or pay back to the Company or its subsidiary, as applicable, within one-hundred twenty (120) days after a final IRS determination, an amount of such payments or benefits equal to the “**Repayment Amount.**” The Repayment Amount with respect to such Payments shall be the smallest such amount, if any, as shall be required to be surrendered or paid to the Company or its subsidiary, as applicable, so that Executive’s net proceeds with respect to such Payments (after taking into account the payment of the Excise Tax imposed on such Payments) shall be maximized. Notwithstanding the foregoing, the Repayment Amount with respect to such Payments shall be zero (0) if a Repayment Amount of more than zero (0) would not eliminate the Excise Tax imposed on such Payments or if a Repayment Amount of more than zero would not maximize the net amount received by Executive from the Payments. If the Excise Tax is not eliminated pursuant to this Section 9(b), Executive shall pay the Excise Tax.

10. Miscellaneous Provisions.

- (a) **Section 409A.** To the extent (i) any payments to which Executive becomes entitled under this Agreement, or any agreement or plan referenced herein, in connection with Executive's termination of employment with the Company or its subsidiary, as applicable, constitute deferred compensation subject to Section 409A of the Code and (ii) Executive is deemed at the time of such termination of employment to be a "specified" employee under Section 409A of the Code, then such payment or payments shall not be made or commence until the earlier of (i) the expiration of the six (6)-month period measured from the Executive's Separation; or (ii) the date of Executive's death following such Separation; *provided, however*, that such deferral shall only be effected to the extent required to avoid adverse tax treatment to Executive, including (without limitation) the additional twenty percent (20%) tax for which Executive would otherwise be liable under Section 409A(a)(1)(B) of the Code in the absence of such deferral. Upon the expiration of the applicable deferral period, any payments which would have otherwise been made during that period (whether in a single sum or in installments) in the absence of this paragraph shall be paid to Executive or Executive's beneficiary in one lump sum (without interest). Except as otherwise expressly provided herein, to the extent any expense reimbursement or the provision of any in-kind benefit under this Agreement (or otherwise referenced herein) is determined to be subject to (and not exempt from) Section 409A of the Code, the amount of any such expenses eligible for reimbursement, or the provision of any in-kind benefit, in one calendar year shall not affect the expenses eligible for reimbursement or in kind benefits to be provided in any other calendar year, in no event shall any expenses be reimbursed after the last day of the calendar year following the calendar year in which Executive incurred such expenses, and in no event shall any right to reimbursement or the provision of any in-kind benefit be subject to liquidation or exchange for another benefit. To the extent that any provision of this Agreement is ambiguous as to its exemption or compliance with Section 409A, the provision will be read in such a manner so that all payments hereunder are exempt from Section 409A to the maximum permissible extent, and for any payments where such construction is not tenable, that those payments comply with Section 409A to the maximum permissible extent. To the extent any payment under this Agreement may be classified as a "short-term deferral" within the meaning of Section 409A, such payment shall be deemed a short-term deferral, even if it may also qualify for an exemption from Section 409A under another provision of Section 409A. Payments pursuant to this Agreement (or referenced in this Agreement) are intended to constitute separate payments for purposes of Section 1.409A-2(b)(2) of the regulations under Section 409A.

- (b) **Other Arrangements.** This Agreement supersedes Executive's prior Severance Agreement by and between the Company and Executive, dated _____. This Agreement also supersedes any and all cash severance arrangements and vesting acceleration arrangements on change in control under any agreement governing Equity Awards, severance and salary continuation arrangements, programs and plans which were previously offered, or may be offered on the Effective Date or thereafter, by the Company or its subsidiary, as applicable, to the Executive, including change in control severance arrangements and vesting acceleration arrangements pursuant to an agreement governing Equity Awards, employment agreement or offer letter, and Executive hereby waives Executive's rights to such other benefits. In no event shall any individual receive cash severance benefits under both this Agreement and any other severance pay or salary continuation program, plan or other arrangement with the Company or its subsidiaries. For the avoidance of doubt, in no event shall Executive receive payment under both Section 2 and Section 3 with respect to Executive's Separation.
- (c) **Dispute Resolution.** To ensure rapid and economical resolution of any and all disputes that might arise in connection with this Agreement, Executive and the Company agree that any and all disputes, claims, and causes of action, in law or equity, arising from or relating to this Agreement or its enforcement, performance, breach, or interpretation, will be resolved solely and exclusively by final, binding, and confidential arbitration, by a single arbitrator, in San Francisco County, and conducted by Judicial Arbitration & Mediation Services, Inc. ("**JAMS**") under its then-existing employment rules and procedures. Nothing in this section, however, is intended to prevent either party from obtaining injunctive relief in court to prevent irreparable harm pending the conclusion of any such arbitration. Each party to an arbitration or litigation hereunder shall be responsible for the payment of its own attorneys' fees.
- (d) **Notice.** Notices and all other communications contemplated by this Agreement shall be in writing and shall be deemed to have been duly given when personally delivered or when mailed by U.S. registered or certified mail, return receipt requested and postage prepaid or deposited with Federal Express Corporation, with shipping charges prepaid. In the case of the Executive, mailed notices shall be addressed to him or her at the home address which he or she most recently communicated to the Company in writing. In the case of the Company, mailed notices shall be addressed to its corporate headquarters, and all notices shall be directed to the attention of its Secretary.
- (e) **Waiver.** No provision of this Agreement shall be modified, waived or discharged unless the modification, waiver or discharge is agreed to in writing and signed by the Executive and by an authorized officer of the Company (other than the Executive). No waiver by either party of any breach of, or of compliance with, any condition or provision of this Agreement by the other party shall be considered a waiver of any other condition or provision or of the same condition or provision at another time.

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- (f) **Withholding Taxes.** All payments made under this Agreement shall be subject to reduction to reflect taxes or other charges required to be withheld by law.
- (g) **Severability.** The invalidity or unenforceability of any provision or provisions of this Agreement shall not affect the validity or enforceability of any other provision hereof, which shall remain in full force and effect.
- (h) **No Retention Rights.** Nothing in this Agreement shall confer upon the Executive any right to continue in service for any period of specific duration or interfere with or otherwise restrict in any way the rights of the Company or any subsidiary of the Company or of the Executive, which rights are hereby expressly reserved by each, to terminate his or her service at any time and for any reason, with or without Cause.
- (i) **Choice of Law.** The validity, interpretation, construction and performance of this Agreement shall be governed by the laws of the State of Texas (other than its choice-of-law provisions).

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, each of the parties has executed this Agreement, in the case of the Company by its duly authorized officer, as of the day and year first above written.

AEGLEA BIOTHERAPEUTICS, INC.

By: Anthony Quinn, M.B Ch.B, Ph.D.
Title: Interim Chief Executive Officer

[SIGNATURE PAGE TO SEVERANCE AGREEMENT]

**SEPARATION AND CONSULTING AGREEMENT
AND GENERAL RELEASE OF CLAIMS**

This SEPARATION AND CONSULTING AGREEMENT AND GENERAL RELEASE OF CLAIMS (this “Agreement”) is entered into by and between Aeglea BioTherapeutics, Inc., a Delaware corporation (the “Company”), and Jonathan Alspaugh (“Executive”). Executive and the Company are each referred to herein as a “Party” and collectively as the “Parties.”

WHEREAS, Executive’s employment with the Company terminated effective as of September 1, 2023 (the “Separation Date”); and

WHEREAS, as of the Separation Date, Executive holds the outstanding equity awards set forth on Exhibit A hereto (collectively the “Options”), in each case, pursuant to those certain Notices of Stock Option Grants and Stock Option Agreements under the Aeglea BioTherapeutics, Inc. 2016 Equity Incentive Plan (collectively, the “Award Agreements”)

WHEREAS, reference is made to that certain Employee Invention Assignment, Confidentiality and Non-Competition Agreement between Executive and the Company (the “EIACN Agreement”) and to that certain Severance Agreement between Executive and the Company dated July 6, 2021 (the “Severance Agreement”); and

WHEREAS, the Company wishes to provide Executive with certain severance payments and benefits, which are conditioned upon Executive’s execution, delivery, non-revocation of and compliance with this Agreement.

NOW, THEREFORE, in consideration of the promises set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by Executive and the Company, the Parties hereby agree as follows:

1. Separation from Employment.

(a) The Company and Executive acknowledge and agree that Executive’s employment with the Company will end as of the Separation Date. As of the Separation Date, Executive will no longer be employed by the Company or any other Company Party (as defined below), and Executive will be deemed to have automatically resigned (i) as an officer of the Company and its affiliates (as applicable) and (ii) from the board of managers, board of directors or similar governing body of each of the Company and its affiliates (as applicable) and any other corporation, limited liability company, trade organization, or other entity in which the Company or any of its affiliates holds an equity interest or with respect to which board or similar governing body Executive serves as the designee or other representative of the Company or any of its affiliates.

(b) Executive acknowledges and agrees that Executive has been paid in full all bonuses, been provided all benefits, and otherwise received all wages, compensation and other sums that Executive has been owed by each Company Party. Executive further acknowledges and agrees that Executive has received all vacation and leaves (paid and unpaid), including payment of accrued but unpaid paid time off, that Executive has been entitled to receive from each Company Party.

2. Separation Payments and Benefits. Provided that Executive: (x) executes this Agreement and returns a copy of this Agreement that has been executed by Executive to the Company so that it is received by Cameron Turtle, Chief Operating Officer, 221 Crescent Street, Built 17, Suite 102B, Waltham, MA 02453 (email:) no later than 5:00 pm CT on September 22, 2023; (y) does not revoke this Agreement during the Release Revocation Period (as defined below); and (z) remains in compliance with the other terms and conditions set forth in this Agreement (including under Section 5), Executive shall receive the following separation payments and benefits:

(a) the Company shall pay to Executive aggregate severance payments of \$623,000 (the “Severance Amount”), which Severance Amount shall be paid through salary continuation in equal installments in accordance with the Company’s standard payroll procedures, with the initial payment to occur on the first payroll date following the 60th day following the Separation Date, with the first installment to include a catchup payment for amounts covering the period from the date of Separation Date through the first payment date;

(b) if Executive timely elects continued coverage under the Consolidated Omnibus Budget Reconciliation Act (“**COBRA**”), the Company shall pay the full amount of Executive’s COBRA premiums on behalf of the Executive for the Executive’s continued coverage under the Company’s health, dental and vision plans, including coverage for the Executive’s eligible dependents, for the Severance Period (as defined in the Severance Agreement);

(c) the Company shall pay to Executive a lump sum payment of \$168,246.58 (the “Retention Bonus”) in accordance with the terms of that certain Incentive Agreement between Executive and the Company dated June 21, 2023 (the “Incentive Agreement”), which Retention Bonus shall be paid following the expiration of the Release Revocation Period but in no event later than December 31, 2023;

(d) effective as of the last day of the Consulting Period, all unvested Options scheduled to vest within the 12-month period following the last day of the Consulting Period shall immediately become fully vested and exercisable;

(e) all vested Options (after giving effect to Section 2(d) and Section 5(c)) will remain outstanding for six months following the last day of the Consulting Period and may be exercised during such period in accordance with the terms of the Award Agreements; and

(f) in the event that any sale, licensing, disposition, or monetization transaction or multiple transactions relating to pegtarviliase or any of the Company’s legacy development-stage assets is consummated prior to June 23, 2024, then, and only then, the Company will pay to Executive a cash bonus equal to: (i) 1.0% of the value of the upfront consideration received by the Company in such transactions, plus (ii) 0.5% of the risk-adjusted net present value of the contingent consideration payable to the Company in such transactions, in each case, to be paid within 30 days of the end of the calendar quarter in which such transaction is consummated, in each case, in accordance the parameters established by the Compensation Committee of the Board of Directors of the Company on August 1, 2023.

Executive acknowledges and agrees that the consideration referenced in this Section 2 represents the entirety of the amounts Executive is eligible to receive as severance pay and benefits from the Company or any other Company Party pursuant to the Severance Agreement and otherwise.

3. Release of Liability for Claims.

(a) For good and valuable consideration set forth in this Agreement, including the consideration set forth in Section 2, Executive knowingly and voluntarily (for Executive, Executive's family, and Executive's heirs, executors, administrators and assigns) hereby releases and forever discharges the Company and its affiliates, predecessors, successors, subsidiaries and benefit plans, and the foregoing entities' respective equity-holders, officers, directors, managers, members, partners, employees, agents, representatives, and other affiliated persons, and the Company's and its affiliates' benefit plans (and the fiduciaries and trustees of such plans) (collectively, the "Company Parties"), from liability for, and Executive hereby waives, any and all claims, damages, or causes of action of any kind related to Executive's ownership of any interest in any Company Party, Executive's employment with any Company Party, the termination of such employment, and any other acts or omissions related to any matter occurring on or prior to the date that Executive executes this Agreement, including (i) any alleged violation through such time of: (A) any federal, state or local anti-discrimination or anti-retaliation law, regulation or ordinance, including the Age Discrimination in Employment Act of 1967 (including as amended by the Older Workers Benefit Protection Act), Title VII of the Civil Rights Act of 1964, the Civil Rights Act of 1991, Sections 1981 through 1988 of Title 42 of the United States Code and the Americans with Disabilities Act of 1990; (B) the Employee Retirement Income Security Act of 1974 ("ERISA"); (C) the Immigration Reform Control Act; (D) the National Labor Relations Act; (E) the Occupational Safety and Health Act; (F) the Family and Medical Leave Act of 1993; (G) the Texas Labor Code (specifically including the Texas Payday Law, the Texas Anti-Retaliation Act, Chapter 21 of the Texas Labor Code, and the Texas Whistleblower Act); (H) any federal, state or local wage and hour law; (I) any other local, state or federal law, regulation or ordinance; or (J) any public policy, contract, tort, or common law claim; (ii) any allegation for costs, fees, or other expenses including attorneys' fees incurred in or with respect to a Released Claim; (iii) any and all rights, benefits or claims Executive may have under any employment contract, incentive compensation plan or equity-based plan with any Company Party or to any ownership interest in any Company Party (other than any rights under the Award Agreements), including any claims relating to an alleged change in control or potential change in control occurring prior to the Separation Date ; and (iv) any claim for compensation or benefits of any kind not expressly set forth in this Agreement (collectively, the "Released Claims"). This Agreement is not intended to indicate that any such claims exist or that, if they do exist, they are meritorious. Rather, Executive is simply agreeing that, in exchange for any consideration received by Executive pursuant to Section 2, any and all potential claims of this nature that Executive may have against any of the Company Parties, regardless of whether they actually exist, are expressly settled, compromised and waived. **THIS RELEASE INCLUDES MATTERS ATTRIBUTABLE TO THE SOLE OR PARTIAL NEGLIGENCE (WHETHER GROSS OR SIMPLE) OR OTHER FAULT, INCLUDING STRICT LIABILITY, OF ANY OF THE COMPANY PARTIES.**

(b) In no event shall the Released Claims include (i) any claim that arises after the date that Executive signs this Agreement; (ii) any claim to vested benefits under an employee benefit plan that is subject to ERISA, unemployment benefits, or worker's compensation; and (iii) any

claim for breach of, or otherwise arising out of, this Agreement. Further notwithstanding this release of liability, nothing in this Agreement prevents Executive from filing any non-legally waivable claim (including a challenge to the validity of this Agreement) with the Equal Employment Opportunity Commission (“EEOC”) or comparable state or local agency or participating in any investigation or proceeding conducted by the EEOC or comparable state or local agency or cooperating in any such investigation or proceeding; however, Executive understands and agrees that Executive is waiving any and all rights to recover any monetary or personal relief from a Company Party as a result of such EEOC or comparable state or local agency or proceeding or subsequent legal actions. Further, nothing in this Agreement prohibits or restricts Executive from filing a charge or complaint with, or cooperating in any investigation with, the Securities and Exchange Commission, the Financial Industry Regulatory Authority, or any other governmental agency, entity or authority (each, a “Government Agency”). This Agreement does not limit Executive’s right to receive an award for information provided to a Government Agency.

4. Representations and Warranties Regarding Claims. Executive represents and warrants that, as of the time at which Executive signs this Agreement, Executive has not filed or joined any claims, complaints, charges, or lawsuits against any of the Company Parties with any governmental agency or with any state or federal court or arbitrator for, or with respect to, a matter, claim, or incident that occurred or arose out of one or more occurrences that took place on or prior to the time at which Executive signs this Agreement. Executive further represents and warrants that Executive has not made any assignment, sale, delivery, transfer or conveyance of any rights Executive has asserted or may have against any of the Company Parties with respect to any Released Claim. Executive represents and warrants that, as of the time at which Executive signs this Agreement, Executive is not aware of any facts that may lead to a worker’s compensation claim.

5. Consulting Services.

(a) Beginning on the Separation Date through February 29, 2024 (such period, as may be extended or earlier terminated as provided in Section 5(e), the “Consulting Period”), the Company and Executive agree that Executive shall serve as a consultant to the Company providing the Services (as defined below) for no more than 80 hours per month unless otherwise approved in writing. During the Consulting Period, Executive agrees to provide transition and advisory services, as may be requested from time to time by any officer or member of the Board of Directors of the Company (the “Services”). Executive must submit to the Company a written statement detailing Executive’s time incurred in performing the Services (each, a “Written Statement”) within 15 days following the end of each calendar month.

(b) During the Consulting Period, Executive shall receive a consulting fee of \$500 per hour, payable within 30 days following receipt by the Company of a Written Statement. As an independent contractor, no income or other taxes shall be withheld from the amounts paid to Executive pursuant to this Section 5(b).

(c) During the Consulting Period, Executive will continue to vest in the Options in accordance with the terms of the Award Agreements. For the avoidance of doubt, all unvested Option (after giving effect to Section 2(d)) will be automatically forfeited upon termination of the Consulting Period.

(d) During the Consulting Period, Executive's relationship with the Company shall be that of an independent contractor. Executive shall control and determine how the Services are to be accomplished; provided, however, that in all events Executive shall perform the Services in a quality, workmanlike manner and within reasonable deadlines established by the Company and consistent with the professional talent of Executive that Executive applied during Executive's prior service with the Company. As an independent contractor, Executive shall not participate as an active employee in any employee benefit plan of the Company or an affiliate (other than with respect to the Award Agreements).

(e) Notwithstanding any other provision of this Section 5 the Consulting Period may be terminated (i) by Executive for any reason, (ii) by the Company for Cause (as defined in the Severance Agreement) or (iii) as a result of Executive's death or Disability (as defined in the Severance Agreement). The Consulting Period may be extended by mutual agreement of the Parties.

6. Restrictive Covenants.

(a) Executive acknowledges and agrees that Executive has continuing obligations to the Company and its affiliates pursuant to the EIACN Agreement, including obligations relating to intellectual property, confidentiality, non-competition and non-solicitation (collectively, the "Covenants"). In entering into this Agreement, Executive acknowledges the continued effectiveness and enforceability of the Covenants, and Executive expressly reaffirms Executive's commitment to abide by, and agrees that Executive will abide by, the terms of the Covenants. For the avoidance of doubt, the Post-Employment Period (as defined in the EIACN Agreement) shall commence on the Separation Date.

(b) Executive shall refrain from making (or causing or assisting any other person or entity to make) any oral or written statements about the Company and any Company Party that (i) are slanderous, libelous, disparaging or defamatory or (ii) place the Company, any Company Party or any of their respective directors, officers, managers, members, employees, consultants, agents or representatives in a false light before the public. Nothing in this Agreement or the EIACN Agreement prevents Executive from discussing or disclosing information about unlawful acts in the workplace, such as harassment or discrimination or any other conduct that Executive has reason to believe is unlawful.

(c) Executive agrees that this Agreement is confidential and agrees not to disclose any information regarding the terms of this Agreement, except to Executive's immediate family and any tax, legal or other counsel Executive has consulted regarding the meaning or effect hereof or as required by law, and Executive will instruct each of the foregoing not to disclose the same to anyone.

7. Covenant to Cooperate in Legal Proceedings. Executive agrees to reasonably cooperate with the Company in any internal investigation, any administrative, regulatory, or judicial proceeding or any dispute with a third party. Executive understands and agrees that Executive's cooperation may include, but not be limited to, making Executive available to the Company upon reasonable notice for interviews and factual investigations; appearing at the request of the Company to give testimony without requiring service of a subpoena or other legal process;

volunteering to the Company pertinent information received by Executive in Executive's capacity as an employee; and turning over to the Company all relevant documents which are or may come into Executive's possession in Executive's capacity an employee or otherwise, all at times and on schedules that are reasonably consistent with Executive's other permitted activities and commitments.

8. Executive's Acknowledgements. By executing and delivering this Agreement, Executive expressly acknowledges that:

(a) Executive has been given at least 21 days to review and consider this Agreement. If Executive signs this Agreement before the expiration of 21 days after Executive's receipt of this Agreement, Executive has knowingly and voluntarily waived any longer consideration period than the one provided to Executive and such waiver is not induced through fraud, misrepresentation, or threat to withdraw or alter the offer or by providing different terms if others sign the agreement prior to the expiration of 21 days. No changes (whether material or immaterial) to this Agreement shall restart the running of this 21-day period;

(b) Executive is receiving, pursuant to this Agreement, consideration in addition to anything of value to which Executive is already entitled;

(c) Executive has been advised, and hereby is advised in writing, to discuss this Agreement with an attorney of Executive's choice and that Executive has had an adequate opportunity to do so prior to executing this Agreement;

(d) Executive fully understands the final and binding effect of this Agreement; the only promises made to Executive to sign this Agreement are those stated herein; and Executive is signing this Agreement knowingly, voluntarily and of Executive's own free will, and that Executive understands and agrees to each of the terms of this Agreement; and

(e) No Company Party has provided any tax or legal advice regarding this Agreement, and Executive has had an adequate opportunity to receive sufficient tax and legal advice from advisors of Executive's own choosing such that Executive enters into this Agreement with full understanding of the tax and legal implications thereof.

9. Revocation Right. Notwithstanding the initial effectiveness of this Agreement, Executive may revoke the delivery (and therefore the effectiveness) of this Agreement within the seven-day period beginning on the date Executive executes this Agreement (such seven-day period being referred to herein as the "Release Revocation Period"). To be effective, such revocation must be in writing signed by Executive and must be delivered personally or by courier to the Company so that it is received by Cameron Turtle, Chief Operating Officer, 221 Crescent Street, Built 17, Suite 102B, Waltham, MA 02453 (email:) no later than 11:59 pm CT on the last day of the Release Revocation Period. If an effective revocation is delivered in the foregoing manner and timeframe, the release of claims set forth in Section 3 will be of no force or effect, the Company's obligations in Section 2 shall have no further effect Executive, the Consulting Period under Section 5 shall be terminated immediately, and the remainder of this Agreement will remain in full force and effect.

10. **Return of Property.** Executive represents and warrants that Executive has returned to the Company all property belonging to the Company or any other Company Party, including all computer files, electronically stored information, computers and other materials and items provided to Executive by the Company or any other Company Party in the course of Executive's employment, and Executive further represents and warrants that Executive has not maintained a copy of any such materials or items in any form.

11. **Governing Law; Arbitration.** This Agreement and its performance will be construed and interpreted in accordance with the laws of the State of Texas, without regard to principles of conflicts of law that would apply the substantive law of any other jurisdiction. For the avoidance of doubt, the arbitration and equitable relief provisions of Section 10(c) of the Severance Agreement shall apply to any dispute arising under this Agreement.

12. **Counterparts.** This Agreement may be executed in several counterparts, including by .PDF or .GIF attachment to email or by facsimile, each of which is deemed to be an original, and all of which taken together constitute one and the same agreement.

13. **Amendment; Entire Agreement.** This Agreement may not be changed orally but only by an agreement in writing agreed to and signed by the Party to be charged. This Agreement, the EIACN Agreement and the Award Agreement constitute the entire agreement of the Parties with regard to the subject matter hereof and supersede all prior and contemporaneous agreements and understandings, oral or written, between Executive and any Company Party with regard to the subject matter hereof. In executing this Agreement, neither Executive nor the Company have relied on any promise, agreement, statement, or representation, not expressly contained in this Agreement.

14. **Third-Party Beneficiaries.** Executive expressly acknowledges and agrees that each Company Party that is not a party to this Agreement shall be a third-party beneficiary of Sections 3, 5, 6, 7 and 10 and entitled to enforce such provisions as if it were a party hereto.

15. **Further Assurances.** Executive shall, and shall cause Executive's affiliates, representatives and agents to, from time to time at the request of the Company and without any additional consideration, furnish the Company with such further information or assurances, execute and deliver such additional documents, instruments and conveyances, and take such other actions and do such other things, as may be reasonably necessary or desirable, as determined in the sole discretion of the Company, to carry out the provisions of this Agreement.

16. **Severability.** Any term or provision of this Agreement (or part thereof) that renders such term or provision (or part thereof) or any other term or provision (or part thereof) hereof invalid or unenforceable in any respect shall be severable and shall be modified or severed to the extent necessary to avoid rendering such term or provision (or part thereof) invalid or unenforceable, and such modification or severance shall be accomplished in the manner that most nearly preserves the benefit of the Parties' bargain hereunder.

17. **Interpretation.** The Section headings have been inserted for purposes of convenience and shall not be used for interpretive purposes. The words "hereof," "herein" and "hereunder" and other compounds of the word "here" shall refer to the entire Agreement and not to any particular provision hereof. The use herein of the word "including" following any general statement, term or matter shall not be construed to limit such statement, term or matter to the specific items or matters

set forth immediately following such word or to similar items or matters, whether or not non-limiting language (such as “without limitation”, “but not limited to”, or words of similar import) is used with reference thereto, but rather shall be deemed to refer to all other items or matters that could reasonably fall within the broadest possible scope of such general statement, term or matter. The word “or” as used herein is not exclusive and is deemed to have the meaning “and/or.” Unless the context requires otherwise, all references herein to a law, agreement, instrument or other document shall be deemed to refer to such law, agreement, instrument or other document as amended, supplemented, modified and restated from time to time to the extent permitted by the provisions thereof. Neither this Agreement nor any uncertainty or ambiguity herein shall be construed against any Party, whether under any rule of construction or otherwise. This Agreement has been reviewed by each of the Parties and shall be construed and interpreted according to the ordinary meaning of the words used so as to fairly accomplish the purposes and intentions of the Parties.

18. No Assignment. No right to receive payments and benefits under this Agreement shall be subject to set off, offset, anticipation, commutation, alienation, assignment, encumbrance, charge, pledge or hypothecation or to execution, attachment, levy, or similar process or assignment by operation of law.

19. Withholdings; Deductions. The Company may withhold and deduct from any payments or benefits made or to be made pursuant to this Agreement (a) all federal, state, local and other taxes as may be required pursuant to any law or governmental regulation or ruling and (b) any deductions consented to in writing by Executive.

20. Section 409A. This Agreement and the benefits provided hereunder are intended be exempt from, or compliant with, the requirements of Section 409A and shall be construed and administered in accordance with such intent. Each installment payment under this Agreement shall be deemed and treated as a separate payment for purposes of Section 409A. Notwithstanding the foregoing, the Company makes no representations that the benefits provided under this Agreement are exempt from the requirements of Section 409A and in no event shall the Company or any other Company Party be liable for all or any portion of any taxes, penalties, interest or other expenses that may be incurred by Executive on account of non-compliance with Section 409A.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the dates set forth beneath their names below, effective for all purposes as provided above.

EXECUTIVE

/s/ Jonathan Alspaugh

Jonathan Alspaugh

Date: September 22, 2023

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Cameron Turtle

Name: Cameron Turtle

Title: Chief Operating Officer

Date: September 22, 2023

SIGNATURE PAGE TO
SEPARATION AND CONSULTING AGREEMENT
AND GENERAL RELEASE OF CLAIMS

EXHIBIT A

Options

Grant Date	Total Options Granted	Exercise Price	Vested as of the Separation Date	Unvested as of the Separation Date
June 22, 2023	19,787,969	\$ 0.30	824,499	18,963,470
February 23, 2023	400,000	\$ 0.44	50,000	350,000
August 23, 2022	130,000	\$ 0.68	32,500	97,500
February 17, 2022	170,000	\$ 3.17	63,750	106,250
June 6, 2021	160,000	\$ 7.03	83,333	76,667

EXHIBIT A



August 10, 2023

Scott Burrows

Re: Offer of Employment

Dear Scott:

On behalf of Aeglea BioTherapeutics, Inc. (the "Company"), I am very pleased to offer you a position as Chief Financial Officer (the "Role") pursuant to this letter agreement (the "Agreement"), provided you accept such offer as indicated by your signature below.

Your employment with the Company in the Role will commence as of September 1, 2023 (the "Effective Date"). Should you not commence services by the Effective Date or if this Agreement is otherwise terminated on or prior to the Effective Date, you hereby agree that this Agreement shall be void *ab initio* and of no force or effect, other than as described herein.

1. Position. While serving in the Role, you will initially report to Cameron Turtle as the Company's Chief Operating Officer, and upon his promotion to Chief Executive Officer, you shall report to the Company's Chief Executive Officer. You will have such duties, authorities, and responsibilities as are customarily associated with the Role. This is a full-time employment position. It is understood and agreed that, commencing as of the Effective Date you will not engage in any other employment, consulting or other business activities (whether full-time or part-time), except as expressly authorized in writing by the Company. Notwithstanding the foregoing, you may engage in religious, charitable and other community activities so long as such activities do not unreasonably interfere or conflict with your obligations to the Company.

2. Base Salary. Upon and following the Effective Date, as cash compensation for your services, the Company will pay you an initial base salary of \$455,000 per year, payable in accordance with the Company's standard payroll schedule and subject to applicable deductions and withholdings. Your base salary will be subject to periodic review and potential adjustment in the Company's discretion. Your base salary in effect at any given time is referred to herein as the "Base Salary."

3. Bonus Compensation.

- (a) **Sign-On Bonus.** Within 30 days following the Effective Date, you will receive a one-time lump sum sign-on bonus of \$115,000 (the "Sign-On Bonus"). In the event of your termination for Cause (as defined below) or resignation without Good Reason (as defined below), in either case, prior to the first anniversary of the Effective Date, you will be required to repay the full Sign-On Bonus within 30 days following the date of such termination of employment.

- (b) **Annual Bonus.** Commencing as of the Effective Date, you will be eligible to receive an annual performance bonus targeted at 40% of your Base Salary. The target annual bonus in effect at any given time is referred to herein as “Target Bonus.” Your 2023 annual bonus will be prorated based on your period of employment following the Effective Date. The actual bonus amount is discretionary and may be subject to achievement of performance targets established by the Company for such year. To earn an annual bonus, you must be (except as otherwise provided herein) employed by the Company as of the payment date of such bonus. Any annual bonus will be paid no later than March 15th of the calendar year following the calendar year to which such bonus relates.

4. Inducement Grant. Subject to approval by the Company’s Board and as a material inducement to you agreeing to become employed by the Company, as soon as practicable following the Effective Date, the Company will grant you (i) nonqualified stock options to purchase a number of shares of the Company’s common stock equal to 0.75% of the total outstanding shares of the Company’s common stock as of the Effective Date with an exercise price equal to the fair market value of the underlying shares on the date of grant as determined by the Board (the “Inducement Options”) and (ii) a number of restricted stock units (the “Inducement RSUs”) equal to 0.25% of the total outstanding shares of the Company’s common stock as of the Effective Date. The Inducement Options will vest over a four year period following your grant date, with 25% of the Inducement Options vesting on the first anniversary of your initial grant date, and the remainder vesting in 36 equal monthly installments on each monthly anniversary thereafter, in each case, subject to your continued services with the Company through the applicable vesting dates. The Inducement RSUs will vest over a four-year period following your initial grant date, with 25% of the RSUs vesting on each anniversary of your grant date, in each case, subject to your continued services with the Company through the applicable vesting dates. The Inducement Options and Inducement RSUs will be governed by the terms of the related award agreements, the Company’s 2018 Equity Inducement Plan and the terms and conditions approved by the Board. The Inducement Options and Inducement RSUs will be granted in compliance with NASDAQ Listing Rule 5635(c)(4) as a material inducement to you entering into employment with the Company.

5. Benefits/Paid Time Off. Commencing as of the Effective Date, you will be eligible, subject to the terms of the applicable plans and programs, to participate in the employee benefits and insurance programs generally made available to the Company’s full-time employees. Details of such benefits programs, including applicable employee contributions and waiting periods, if applicable, will be made available to you when such benefit(s) become available. You will be entitled to paid time off consistent with the terms of the Company’s paid time off policy, as in effect from time to time. The Company reserves the right to modify, limit, amend or cancel any of its benefits plans or programs at any time.

6. Expense Reimbursement. The Company will reimburse you for all reasonable and necessary expenses incurred by you in connection with performing your duties as an employee of the Company and that are pre-approved by the Company, provided that you comply with any Company policy or practice on submitting, accounting for and documenting such expenses.

7. Location. Your primary work location will be remotely in California, provided that you may be required to engage in reasonable travel for business, consistent with the Company's business needs. You may change your remote work location with prior written notice to and approval from the Company.

8. At-Will Employment; Date of Termination. At all times, your employment with the Company is "at will," meaning you or the Company may terminate it at any time for any or no reason, subject to the terms of this Agreement. Although your job duties, title, reporting structure, compensation and benefits, as well as the Company's benefit plans and personnel policies and procedures, may change from time to time (subject to the terms of this Agreement), the "at will" nature of your employment may only be changed in an express written agreement signed by you and an authorized officer of the Company. Your last day of employment for any reason is referred to herein as the "Date of Termination." In the event that you elect to end your employment other than for Good Reason, the Company requires you to provide at least 30 days' advance written notice to the Company; and in the event that the Company terminates you without "Cause", you shall be given at least 30 days advance written notice by the Company. Notwithstanding the foregoing, the Company may unilaterally accelerate the Date of Termination, and such acceleration shall not result in a termination without Cause by the Company for purposes of this Agreement.

To the extent applicable, you shall be deemed to have resigned from all officer and board member positions that you hold with the Company or any of its respective subsidiaries and affiliates upon the termination of your employment for any reason. You shall execute any documents in reasonable form as may be requested to confirm or effectuate any such resignations.

9. Accrued Obligations. In the event of the ending of your employment for any reason, the Company shall pay you (i) your Base Salary and, if applicable, any accrued but unused vacation, through the Date of Termination, and (ii) the amount of any documented expenses properly incurred by you on behalf of the Company prior to any such termination and not yet reimbursed (the "Accrued Obligations").

10. Severance Pay and Benefits Outside of the Change in Control Period. As explained below, under certain circumstances you will be entitled to severance equal to the Severance Amount (as defined below), accelerated vesting of a portion of your unvested equity awards, plus continued employee benefits pursuant to COBRA (as defined below):

In the event that the Company terminates your employment without Cause or you terminate your employment with Good Reason, in either case, outside of the Change in Control Period (as such capitalized terms are defined in Appendix A), then, in addition to the Accrued Obligations, and subject to (i) your execution and non-revocation of a separation agreement and release in a form acceptable to the Company, which shall include a general release of claims against the Company and all related persons and entities and a reaffirmation of the Continuing Obligations (as defined below) and shall provide that if you breach the Continuing Obligations, all payments of the Severance Amount (as defined below) shall immediately cease (the “Separation Agreement and Release”), and (ii) the Separation Agreement and Release becoming irrevocable, all within 60 days after the Date of Termination (or such shorter period as set forth in the Separation Agreement and Release), which shall include a seven (7) day revocation period:

- (a) The Company shall pay you an amount equal to 12 months of your Base Salary plus any bonus earned but unpaid for the year immediately prior to the year of termination (such salary and bonus together, the “Severance Amount”).
- (b) Notwithstanding anything to the contrary in any applicable equity-based award agreement or plan, the unvested portion of your then outstanding equity-based awards subject to time-based vesting (the “Time-Based Equity Awards”) that would have vested within the 12-month period following the Termination Date shall immediately accelerate and become vested or nonforfeitable as of the later of (i) the Date of Termination or (ii) the effective date of the Separation Agreement and Release (such later date being the “Accelerated Vesting Date”); and provided further that any termination or forfeiture of the unvested portion of such Time-Based Equity Awards that would otherwise occur on the Date of Termination in the absence of this Agreement will be delayed until the effective date of the Separation Agreement and Release and will only occur if the vesting pursuant to this subsection does not occur due to the absence of the Separation Agreement and Release becoming fully effective within the time period set forth therein. Notwithstanding the foregoing, no additional vesting of the Time-Based Equity Awards shall occur during the period between the Date of Termination and the Accelerated Vesting Date.

- (c) Subject to your copayment of premium amounts at the applicable active employees' rate and your proper election to receive benefits under the Consolidated Omnibus Budget Reconciliation Act of 1985, as amended ("COBRA"), the Company shall pay to the group health plan provider(s), the COBRA provider or you a monthly payment equal to the monthly employer contribution that the Company would have made to provide health insurance to you if you had remained employed by the Company until the earliest of (A) the 12-month anniversary of the Date of Termination; (B) your eligibility for group health plan benefits under any other employer's group health plan; or (C) the cessation of your continuation rights under COBRA; provided, however, that if the Company reasonably determines that it cannot pay such amounts to the group health plan provider(s) or the COBRA provider (if applicable) without potentially violating applicable law (including, without limitation, Section 2716 of the Public Health Service Act), then the Company shall convert such payments to payroll payments directly to you for the time period specified above. Such payments, if to you, shall be subject to tax-related deductions and withholdings and paid on the Company's regular payroll dates.

The amounts payable under Section 10(a) and (c), to the extent taxable, shall be paid out in substantially equal installments in accordance with the Company's payroll practice over 12 months commencing within 60 days after the Date of Termination; provided, however, that if the 60-day period begins in one calendar year and ends in a second calendar year, the Severance Amount, to the extent it qualifies as "non-qualified deferred compensation" within the meaning of Section 409A of the Internal Revenue Code of 1986, as amended (the "Code"), shall begin to be paid in the second calendar year by the last day of such 60-day period; provided, further, that the initial payment shall include a catch-up payment to cover amounts retroactive to the day immediately following the Date of Termination. Each payment pursuant to this Agreement is intended to constitute a separate payment for purposes of Treasury Regulation Section 1.409A-2(b)(2).

Notwithstanding anything to the contrary in this Agreement, for the avoidance of doubt:

- (i) if your employment ends for as a result of a termination by the Company for Cause or a resignation by you without Good Reason, you will be entitled to the Accrued Obligations and will not be entitled to any further compensation from the Company; and
- (ii) if your employment ends due to your death or Disability, you will receive (i) the Accrued Obligations and (ii) all outstanding Time-Based Equity Awards shall immediately accelerate and become vested or nonforfeitable as of the Date of Termination, but will not be eligible for any other severance pay or benefits, whether pursuant to Section 10, Section 11 or otherwise.

11. Severance Pay and Benefits Within the Change in Control Period. In the event that the Company terminates your employment without Cause or you resign for Good Reason, in each case within the Change in Control Period, then, in addition to you being entitled to the Accrued Obligations, and subject to your execution and non-revocation of the Separation Agreement and Release and it becoming fully effective, all within 60 days after the Date of Termination (or such shorter period as set forth in the Separation Agreement and Release), which shall include a seven-day revocation period:

- (a) The Company shall pay you an amount equal (i) to 18 months of your Base Salary, plus (ii) any bonus earned but unpaid for the year immediately prior to the year of termination, plus (iii) your Target Bonus for the year in which the termination occurs (in each case, calculated by reference to your Base Salary rate as in effect immediately prior to your termination, but without giving effect to any prior reduction in Base Salary by the Company which would give rise to your right to resign for Good Reason) (such salary and bonuses together, the “CIC Severance Amount”).
- (b) Notwithstanding anything to the contrary in any applicable equity-based award agreement or plan, all of the unvested Time-Based Equity Awards shall immediately accelerate and become vested or nonforfeitable as of the Accelerated Vesting Date.
- (c) All of your outstanding equity-based awards subject to performance-based vesting (the “Performance-Based Equity Awards”) shall immediately accelerate and become vested or nonforfeitable as of the Accelerated Vesting Date with the performance criteria being deemed to have been met based on the greater of target or, if determinable, actual performance; provided, however, that the applicable award agreement for any Performance-Based Equity Award may provide for alternative treatment upon a termination covered by this Section 11.
- (d) The Company shall pay to the group health plan provider(s), the COBRA provider or you a monthly payment equal to the monthly COBRA continuation premiums until the earliest of (A) the 18-month anniversary of the Date of Termination; (B) your eligibility for group health plan benefits under any other employer’s group health plan; or (C) the cessation of your continuation rights under COBRA; provided, however, that if the Company reasonably determines that it cannot pay such amounts to the group health plan provider(s) or the COBRA provider (if

applicable) without potentially violating applicable law (including, without limitation, Section 2716 of the Public Health Service Act), then the Company shall convert such payments to payroll payments directly to you for the time period specified above. Such payments, if to you, shall be subject to tax-related deductions and withholdings and paid on the Company's regular payroll dates.

For the avoidance of doubt, Section 10 and Section 11 of this Agreement are mutually exclusive and in no event shall you be entitled to payments or benefits pursuant to both Section 10 and Section 11 of this Agreement.

12. Continuing Obligations.

- (a) **EIACN Agreement.** As a condition of your employment, you are required to enter into an Employee Invention Assignment, Confidentiality and Non-Competition Agreement, which is enclosed with this Agreement (the "EIACN Agreement"), which must be signed prior to the Effective Date. For purposes of this Agreement, the obligations in this Section 12 and those that arise in the EIACN Agreement and any other agreement relating to confidentiality, assignment of inventions, or other restrictive covenants shall collectively be referred to as the "Continuing Obligations." You are advised to discuss the EIACN Agreement with an attorney of your choice, and you have had an adequate opportunity to do so prior to executing this Agreement or the EIACN Agreement.
- (b) **Third Party Agreements and Rights.** You hereby confirm that you are not bound by the terms of any agreement with any previous employer or other party which would prevent you from performing your obligations hereunder. You represent to the Company that your execution of this Agreement, your employment with the Company and the performance of your proposed duties for the Company will not violate any obligations you may have to any such previous employer or other party. In your work for the Company, you will not disclose or make use of any information in violation of any agreements with or rights of any such previous employer or other party, and you will not bring to the premises of the Company any copies or other tangible embodiments of non-public information belonging to or obtained from any such previous employment or other party.
- (c) **Litigation and Regulatory Cooperation.** You shall cooperate fully with the Company in (i) the defense or prosecution of any claims or actions now in existence or which may be brought in the future against or on behalf of the Company which relate to events or occurrences that transpired while you were engaged or employed by the Company, and (ii) the investigation, whether

internal or external, of any matters about which the Company believes you may have knowledge or information. Your full cooperation in connection with such claims, actions or investigations shall include, but not be limited to, being reasonably available to meet with counsel to answer questions or to prepare for discovery or trial and to act as a witness on behalf of the Company at mutually convenient times. During and after your engagement and employment, you also shall cooperate fully with the Company in connection with any investigation or review of any federal, state or local regulatory authority as any such investigation or review relates to events or occurrences that transpired while you were employed by the Company. The Company shall reimburse you for any reasonable out-of-pocket expenses incurred in connection with your performance of obligations pursuant to this Section 12(c).

- (d) **Relief.** You agree that it would be difficult to measure any damages caused to the Company which might result from your breach of any of the Continuing Obligations, and that in any event money damages would be an inadequate remedy for any such breach. Accordingly, you agree that if you breach, or propose to breach, any portion of the Continuing Obligations, the Company shall be entitled, in addition to all other remedies that it may have, to seek an injunction or other appropriate equitable relief to restrain any such breach without showing or proving any actual damage to the Company.

13. Golden Parachute Taxes.

- (a) **Best After-Tax Result.** In the event that any payment or benefit received or to be received by you pursuant to this Agreement or otherwise (“Payments”) would (i) constitute a “parachute payment” within the meaning of Section 280G of the Code and (ii) but for this subsection (a), be subject to the excise tax imposed by Section 4999 of the Code, any successor provisions, or any comparable federal, state, local or foreign excise tax (“Excise Tax”), then, subject to the provisions of Section 14, such Payments shall be either (A) provided in full pursuant to the terms of this Agreement or any other applicable agreement, or (B) provided as to such lesser extent which would result in the Payments being \$1.00 less than the amount at which any portion of the Payments would be subject to the Excise Tax, whichever of the foregoing amounts, taking into account the applicable federal, state, local and foreign income, employment and other taxes and the Excise Tax (including, without limitation, any interest or penalties on such taxes), results in the receipt, on an after-tax basis, of the greatest amount of payments and benefits provided for hereunder or otherwise, notwithstanding that all or some portion of such Payments may be subject to the Excise Tax. Unless the Company

and you otherwise agree in writing, any determination required under this Section shall be made by independent tax counsel designated by the Company and reasonably acceptable to you (“Independent Tax Counsel”), whose determination shall be conclusive and binding upon you and the Company for all purposes. For purposes of making the calculations required under this Section, Independent Tax Counsel may make reasonable assumptions and approximations concerning applicable taxes and may rely on reasonable, good faith interpretations concerning the application of Sections 280G and 4999 of the Code; provided that Independent Tax Counsel shall assume that you pay all taxes at the highest marginal rate. The Company and you shall furnish to Independent Tax Counsel such information and documents as Independent Tax Counsel may reasonably request in order to make a determination under this Section. The Company shall bear all costs that Independent Tax Counsel may reasonably incur in connection with any calculations contemplated by this Section. In the event that Section 13(a)(ii)(B) above applies, then based on the information provided to you and the Company by Independent Tax Counsel, the cutback described hereunder will apply as to compensation not subject to Section 409A of the Code prior to compensation subject to Section 409A of the Code and will otherwise apply on a reverse chronological basis from payments latest in time. If the Internal Revenue Service (the “IRS”) determines that any Payment is subject to the Excise Tax, then Section 13(b) hereof shall apply, and the enforcement of Section 13(b) shall be the exclusive remedy to the Company.

- (b) **Adjustments.** If, notwithstanding any reduction described in Section 13(a) hereof (or in the absence of any such reduction), the IRS determines that you are liable for the Excise Tax as a result of the receipt of one or more Payments, then you shall be obligated to surrender or pay back to the Company within one-hundred 120 days after a final IRS determination, an amount of such payments or benefits equal to the “Repayment Amount.” The Repayment Amount with respect to such Payments shall be the smallest such amount, if any, as shall be required to be surrendered or paid to the Company so that your net proceeds with respect to such Payments (after taking into account the payment of the Excise Tax imposed on such Payments) shall be maximized. Notwithstanding the foregoing, the Repayment Amount with respect to such Payments shall be zero if a Repayment Amount of more than zero would not eliminate the Excise Tax imposed on such Payments or if a Repayment Amount of more than zero would not maximize the net amount received from the Payments. If the Excise Tax is not eliminated pursuant to this Section 13(b), you shall pay the Excise Tax.

14. Section 409A.

- (a) Anything in this Agreement to the contrary notwithstanding, if at the time of your separation from service within the meaning of Section 409A of the Code, the Company determines that you are a “specified employee” within the meaning of Section 409A(a)(2)(B)(i) of the Code, then to the extent any payment or benefit that you become entitled to under this Agreement or otherwise on account of your separation from service would be considered deferred compensation otherwise subject to the additional tax imposed pursuant to Section 409A(a) of the Code as a result of the application of Section 409A(a)(2)(B)(i) of the Code, such payment shall not be payable and such benefit shall not be provided until the date that is the earlier of (A) six months and one day after your separation from service, or (B) your death. If any such delayed cash payment is otherwise payable on an installment basis, the first payment shall include a catch-up payment covering amounts that would otherwise have been paid during the six-month period but for the application of this provision (without interest), and the balance of the installments shall be payable in accordance with their original schedule.
- (b) All in-kind benefits provided and expenses eligible for reimbursement under this Agreement shall be provided by the Company or incurred by you during the time periods set forth in this Agreement. All reimbursements shall be paid as soon as administratively practicable, but in no event shall any reimbursement be paid after the last day of the taxable year following the taxable year in which the expense was incurred. The amount of in-kind benefits provided or reimbursable expenses incurred in one taxable year shall not affect the in-kind benefits to be provided or the expenses eligible for reimbursement in any other taxable year (except for any lifetime or other aggregate limitation applicable to medical expenses). Such right to reimbursement or in-kind benefits is not subject to liquidation or exchange for another benefit.
- (c) To the extent that any payment or benefit described in this Agreement constitutes “non-qualified deferred compensation” under Section 409A of the Code, and to the extent that such payment or benefit is payable upon the termination of your employment, then such payments or benefits shall be payable only upon your “separation from service.” The determination of whether and when a separation from service has occurred shall be made in accordance with the presumptions set forth in Treasury Regulation Section 1.409A-l(h).

- (d) The parties intend that this Agreement will be administered in accordance with Section 409A of the Code. To the extent that any provision of this Agreement is ambiguous as to its compliance with Section 409A of the Code, the provision shall be read in such a manner so that all payments hereunder comply with Section 409A of the Code. Each payment pursuant to this Agreement is intended to constitute a separate payment for purposes of Treasury Regulation Section 1.409A-2(b)(2). The parties agree that this Agreement may be amended, as reasonably requested by either party, and as may be necessary to fully comply with Section 409A of the Code and all related rules and regulations in order to preserve the payments and benefits provided hereunder without additional cost to either party.
- (e) The Company makes no representation or warranty and shall have no liability to you or any other person if any provisions of this Agreement are determined to constitute deferred compensation subject to Section 409A of the Code but do not satisfy an exemption from, or the conditions of, such Section.

15. Withholding; Tax Effect. All forms of compensation referred to in this Agreement are subject to reduction to reflect applicable withholding and payroll taxes and other deductions required by law. You hereby acknowledge that the Company does not have a duty to design its compensation policies in a manner that minimizes your tax liabilities, and you will not make any claim against the Company or the Board related to tax liabilities arising from your compensation.

16. Recoupment. Amounts paid or payable under this Agreement shall be subject to the provisions of any applicable clawback or recoupment policies or procedures adopted by the Company, which clawback or recoupment policies may provide for forfeiture and/or recoupment of amounts paid or payable under this Agreement. No forfeiture or recoupment under such policies or procedures will give rise to a right to resign for Good Reason or under any agreement between you and the Company.

17. Interpretation and Enforcement. This Agreement, together with Appendix A and the EIACN Agreement, constitute the complete agreement between you and the Company, contains all of the terms of your employment with the Company. The terms of this Agreement and the resolution of any disputes as to the meaning, effect, performance or validity of this Agreement or arising out of, related to, or in any way connected with this Agreement, your employment with the Company or any other relationship between you and the Company (the “Disputes”) will be governed by federal law to the extent applicable and otherwise by California law, excluding laws relating to conflicts or choice of law and excluding Disputes arising in connection with any equity incentive plan, which shall be governed by the terms of the applicable equity incentive plan. You and the Company submit to the exclusive personal jurisdiction of the federal and state courts located in the Central District of California or in Los Angeles County, California in connection with any Dispute or any claim related to any Dispute, except for Disputes arising under any equity incentive plan.

18. Assignment. Neither you nor the Company may make any assignment of this Agreement or any interest in it, by operation of law or otherwise, without the prior written consent of the other; provided, however, that the Company may assign its rights and obligations under this Agreement without your consent to any affiliate or to any person or entity with whom the Company shall hereafter effect a reorganization, consolidate with, or merge into or to whom it transfers all or substantially all of its properties or assets; provided further, that if you remain employed or become employed by the Company, the purchaser or any of their affiliates in connection with any such transaction, then you shall not be entitled to any payments, benefits or vesting pursuant to Section 10 or pursuant to Section 11 of this Agreement solely as a result of such transaction. This Agreement shall inure to the benefit of and be binding upon you and the Company, and each of your and its respective successors, executors, administrators, heirs and permitted assigns.

19. Waiver; Amendment. No waiver of any provision hereof shall be effective unless made in writing and signed by the waiving party. The failure of any party to require the performance of any term or obligation of this Agreement, or the waiver by any party of any breach of this Agreement, shall not prevent any subsequent enforcement of such term or obligation or be deemed a waiver of any subsequent breach. This Agreement may be amended or modified only by a written instrument signed by you and by a duly authorized representative of the Company.

20. Enforceability. If any portion or provision of this Agreement (including, without limitation, any portion or provision of any section of this Agreement) shall to any extent be declared illegal or unenforceable by a court of competent jurisdiction, then the remainder of this Agreement, or the application of such portion or provision in circumstances other than those as to which it is so declared illegal or unenforceable, shall not be affected thereby, and each portion and provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

21. Conditions. You must submit satisfactory proof of your identity, successfully complete a criminal background check, which you hereby expressly authorize by your execution of this Agreement, and provide documentation of your legal authorization to work in the United States on or prior to the Effective Date.

22. Employee Representations. It is the policy of the Company not to solicit or accept proprietary information and / or trade secrets of other companies or third parties. If you have or have had access to trade secrets or other confidential, proprietary information from your former employer or another third party, the use of such information in performing your duties at the Company is prohibited. This may include, but is not limited to, confidential or proprietary information in the form of documents, magnetic media, software, customer lists, and business plans or strategies.

In making this employment offer, the Company has relied on your representation that: (a) you are not currently a party to any agreement that would restrict your ability to accept this offer or to perform services for the Company; (b) you are not subject to any noncompetition or non-solicitation agreement or other restrictive covenants that might restrict your employment by the Company as contemplated by this offer; (c) you have the full right, power and authority to execute and deliver the Agreement and to perform all of your obligations thereunder; and (d) you will not bring with you to the Company or use in the performance of your responsibilities at the Company any materials, documents or work product of a former employer or other third party that are not generally available to the public, unless you have obtained written authorization from such former employer or third party for their possession and use and have provided the Company with a copy of same.

23. Other Terms. The provisions of this Agreement shall survive the termination of this Agreement and/or the termination of your employment to the extent necessary to effectuate the terms contained herein. The headings and other captions in this Agreement are for convenience and reference only and shall not be used in interpreting, construing or enforcing any of the provisions of this Agreement. This Agreement may be executed in separate counterparts. When both counterparts are signed, they shall be treated together as one and the same document. PDF copies of signed counterparts shall be equally effective as originals.

I look forward to working with you to make the Company a great success.



Sincerely,

/s/ Cameron Turtle
Name: Cameron Turtle
Title: Chief Operating Officer

Accepted and acknowledged:

/s/ Scott Burrows
Scott Burrows

Date: August 10, 2023

Appendix A

1. “Cause” shall mean (i) your dishonest statements or acts with respect to the Company or any affiliate of the Company, or any current or prospective customers, suppliers, vendors or other third parties with which such entity does business that results in or is reasonably anticipated to result in material harm to the Company; (ii) your conviction or plea of no contest to: (A) a felony or (B) any misdemeanor involving moral turpitude, deceit, dishonesty or fraud; (iii) your failure to perform in all material respects your lawful assigned duties and responsibilities to the reasonable satisfaction of the Board, which failure continues, in the reasonable judgment of the Board, for 30 days after written notice given to you describing such failure; (iv) your gross negligence, willful misconduct that results in or is reasonably anticipated to result in material harm to the Company; or (v) your violation of any material provision of any agreement(s) between you and the Company or any written Company policies including, without limitation, agreements relating to non-solicitation, non-disclosure and/or assignment of inventions or policies related to ethics or workplace conduct.
2. “Change in Control” shall have the meaning provided for the term “Corporate Transaction” under the Company’s 2016 Equity Incentive Plan (or the meaning provided to any word of similar import under any successor plan).
3. “Change in Control Period” shall mean the period commencing three months prior to the first event constituting a Change in Control and ending 12 months following the first event constituting a Change in Control.
4. “Disability” shall mean a permanent and total disability as defined in Section 22(e) (3) of the Code.
5. “Good Reason” shall mean that you have complied with the Good Reason Process (hereinafter defined) following the occurrence, without your written consent, of any of the following events: (i) a material diminution in your base salary or Target Bonus except for across-the-board salary and target bonus reductions of no more than 10% based on the Company’s financial performance similarly affecting all or substantially all senior management employees of the Company; (ii) a material change in the geographic location at which you are required to provide services to the Company or a requirement that you change your remote location from your then-current residence; (iii) a material reduction in your duties, authority or responsibilities; (iv) the failure of the Company to obtain the assumption of this Agreement by a successor; or (v) the material breach of this Agreement (or any other agreements with you) by the Company.

6. “Good Reason Process” shall mean that (i) you reasonably determine in good faith that a “Good Reason” condition has occurred; (ii) you notify the Company in writing of the first occurrence of the Good Reason condition within 60 days of the first occurrence of such condition; (iii) you cooperate in good faith with the Company’s efforts, for a period not less than 30 days following such notice (the “Cure Period”), to remedy the condition; (iv) notwithstanding such efforts, the Good Reason condition continues to exist; and (v) you terminate your employment within 30 days after the end of the Cure Period. If the Company cures the Good Reason condition during the Cure Period, Good Reason shall be deemed not to have occurred.

ASSET PURCHASE AGREEMENT

dated as of

July 27, 2023

by and between

AEGLEA BIOTHERAPEUTICS, INC.

and

IMMEDICA PHARMA AB

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ASSET PURCHASE AGREEMENT

This **ASSET PURCHASE AGREEMENT** is entered into as of July 27, 2023 (this “Agreement”), by and between Aeglea BioTherapeutics, Inc., a corporation organized and existing under the laws of Delaware (“Aeglea”), and Immedica Pharma AB, a limited company (*Aktiebolag*) organized and existing under the laws of Sweden (“Immedica”). Each of Aeglea and Immedica are sometimes referred to herein individually as a “Party” and collectively as the “Parties.” Capitalized terms used herein and not otherwise defined shall have the meanings set forth in Exhibit A.

WITNESSETH:

WHEREAS, Aeglea has established a research, development and manufacturing program for pegzilarginase for the treatment of Arginase-1 Deficiency as well as other therapeutic, prophylactic, palliative and diagnostic uses (the “Program”);

WHEREAS, Immedica and Aeglea are parties to that certain License and Supply Agreement dated as of March 21, 2021, as amended by that certain Memorandum of Understanding dated July 1, 2021, that certain Memorandum of Understanding dated June 22, 2022, and that certain Amendment No. 2 to the Agreement dated March 28, 2023 (the “License Agreement”), pursuant to which Aeglea licenses to Immedica certain rights in and to the Product and Aeglea’s Intellectual Property rights therein; and

WHEREAS, Aeglea agrees to sell to Immedica, and Immedica agrees to purchase from Aeglea, assets owned by Aeglea and related to the Product on the terms and subject to the conditions set forth herein.

NOW, THEREFORE, in consideration of the foregoing and the mutual representations, warranties, covenants and agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, the Parties hereby agree as follows:

ARTICLE I

PURCHASE PRICE

Section 1.1 Purchase Price. In consideration of the conveyance to Immedica of all right, title and interest in, under and to the Acquired Assets and the other rights granted to Immedica hereunder, and subject to the terms and conditions hereof, Immedica shall pay to Aeglea:

(a) An initial payment in cash of \$15,000,000 in the aggregate (the “Initial Payment”), by wire transfer of immediately available funds in accordance with written instructions furnished to Immedica by Aeglea, payable at Closing;

(b) The Milestone Payments, if any, subject to the terms and conditions of, and payable as set forth in, Section 1.2; and

(c) The Fuji Credit, subject to the terms and conditions of, and payable as set forth in, Section 6.10.

Section 1.2 Milestone Payments.

(a) Subject to the remainder of this Section 1.2, upon the first occurrence of the applicable milestone event described in the table set forth below by Immedica (each such event, a “Milestone Event”),

Immedica shall pay an amount in cash equal to the applicable milestone payment listed next to such Milestone Event in the table below (each such payment, a “Milestone Payment”), less any Milestone Set-Offs, in accordance with Section 1.2(b). The Milestone Events and corresponding Milestone Payments are as follows:

<u>Milestone Event</u>	<u>Milestone Payment</u>
Pricing and Reimbursement Approval in France of the Product that is indicated for treatment of Arginase-1 Deficiency by the applicable Governmental Authority in France, where such Product has previously received Regulatory Approval in France for the treatment of Arginase-1 Deficiency	Reimbursement Earnout Amount for such Product in France
Pricing and Reimbursement Approval in Germany of the Product that is indicated for treatment of Arginase-1 Deficiency by the applicable Governmental Authority in Germany, where such Product has previously received Regulatory Approval in Germany for the treatment of Arginase-1 Deficiency	Reimbursement Earnout Amount for such Product in Germany
Pricing and Reimbursement Approval in the United Kingdom of the Product that is indicated for treatment of Arginase-1 Deficiency by the applicable Governmental Authority in the United Kingdom, where such Product has previously received Regulatory Approval in the United Kingdom for the treatment of Arginase-1 Deficiency	Reimbursement Earnout Amount for such Product in the United Kingdom
Regulatory Approval of the BLA of the Product for the treatment of Arginase-1 Deficiency in the United States	\$30,000,000
Additional Milestone Event (as such term is defined in Schedule 1.2(a)).	Additional Milestone Amount (as such term is defined in Schedule 1.2(a)).

(b) No later than thirty (30) days after the achievement of a Milestone Event, Immedica shall provide written notice to Aeglea of the achievement of such Milestone Event and shall pay to Aeglea the corresponding Milestone Payment, less any Milestone Set-Offs.

(c) Each Milestone Payment to be paid by or on behalf of Immedica shall be paid in U.S. Dollars.

(d) Notwithstanding anything to the contrary in this Agreement, (i) the maximum aggregate amount of Milestone Payments Immedica shall be obligated to pay to Aeglea pursuant to the table set forth in this Section 1.2 shall be \$100,000,000, (ii) each unique row in the table set forth in this Section 1.2 represents a separate Milestone Event, and accordingly, there are five (5) distinct Milestone Events, (iii) each Milestone Event may be achieved no more than one time, (iv) each Milestone Payment shall be payable only once, if at all, upon the first achievement of the applicable Milestone Event (regardless of (A) any subsequent or repeated achievement of a Milestone Event and (B) the number of subsequent Products achieving such Milestone Events).

(e) Notwithstanding anything in this Agreement to the contrary, the Parties acknowledge and agree that, in addition to any other right or remedy under this Agreement, Immedica shall have the right, but not the obligation, from time to time to set off against (x) any Milestone Payment that is owed and has not yet been paid and (y) if applicable, the Specified Patents Holdback Amount if any portion of such amount continues to be held back in accordance with Section 1.2(f) (clauses (x) and (y), the “Available Remedy Amounts”) (each of the following clauses (i), (ii) and (iii), a “Milestone Set-Off”): (i) any Losses for which any Immedica Indemnified Party is entitled to indemnification pursuant to, and in accordance with, Article VII, (ii) any Losses in respect of claims for intentional fraud or willful misconduct, and (iii) any Necessary IP Payments already paid or accrued or then payable by any Immedica Indemnified Party; provided that Immedica shall not be entitled to set off any Necessary IP Payment to the extent that any Immedica Indemnified Party receives an indemnification payment for such Necessary IP Payment pursuant to Article VII. Notwithstanding anything in this Agreement to the contrary, to the extent that Immedica is unable to set off any amount of any Necessary IP Payment (such amount, the “Necessary IP Payment Carryover”) against any Available Remedy Amount, such Necessary IP Payment Carryover may be set off against any subsequent Available Remedy Amount. Immedica shall keep, and shall instruct any Immedica Indemnified Party to keep, reasonably complete and accurate records of any Milestone Set-Off. Any Milestone Set-Off taken by Immedica will be accompanied by a written notice including an accounting of such Milestone Set-Off (“Set-Off Notice”); provided that any failure by Immedica to provide any such Set-Off Notice to Aeglea shall not impact Immedica’s rights under this Section 1.2(e). Upon reasonable written request by Aeglea, Immedica will provide reasonable documentation in support of any Milestone Set-Off, such request to be made no more than six (6) months after the date of the applicable Set-Off Notice. The Parties shall negotiate in good faith to seek to resolve any dispute regarding any Set-Off Notice before making any claim to resolve such dispute.

(f) Aeglea and Immedica agree to be bound by and comply with the terms and conditions set forth on Schedule 1.2(f) as though set forth in full herein.

(g) For purposes of this Section 1.2:

(i) The definitions of Reimbursement Earnout Amount, Actual Reimbursement Percentage, Actual Reimbursement Price, Expected Reimbursement Price and Pricing Reimbursement Approval are stated with respect to a 2 mg vial of the Product. In the event that any of the Milestone Events set forth in the first three rows of the table set forth in this Section 1.2 occurs with respect to a vial with a different amount of Product, the amounts in Euros and British Pounds Sterling will be proportionally adjusted, on a linear basis based on mg of Product, for purposes of calculating the Reimbursement Earnout Amount. By way of example, in the event that any of the Milestone Events set forth in the first three rows of the table set forth in this Section 1.2 occurs with respect to a 4 mg vial of Product, then the Expected Reimbursement Price of such 4 mg vial of Product (A) with respect to France would be [*]/4 mg vial of such Product; (B) with respect to Germany would be [*]/4 mg vial of such Product; and (C) with respect to the United Kingdom would be [*]/4 mg vial of such Product, and the Reimbursement Earnout Amount for such 4 mg vial of such Product would be determined using such amounts.

(ii) “Actual Reimbursement Percentage” means, with respect to a 2 mg vial of the Product in a given country, a number equal to the quotient of (A) the Actual Reimbursement Price for such 2 mg vial of the Product received by Immedica in such country, *divided by* (B) the Expected Reimbursement Price for such 2 mg vial of the Product in such country. By way of examples, if the Actual Reimbursement Price for a 2 mg vial of the Product received by Immedica in France is [*], then the Actual Reimbursement Percentage for such 2 mg vial of the Product in France is [*] or 93%; and if the Actual Reimbursement Price for a 2 mg vial of the Product received by Immedica in Germany is [*], then the Actual Reimbursement Percentage for such 2 mg vial of the Product is [*] or 87%.

(iii) “Actual Reimbursement Price” means, with respect to a given country, the price reimbursed by the applicable Governmental Authority, net of any mandatory rebates, for a 2 mg vial of the Product in such country pursuant to the Pricing and Reimbursement Approval for such 2 mg vial of the Product in such country, where such reimbursed price may be the listed price or a discounted price, net of any mandatory rebates, of such 2 mg vial of the Product that is agreed and approved between Immedica and such applicable Governmental Authority.

(iv) “Expected Reimbursement Price” means, (A) with respect to France, [*/2 mg vial of the Product; (B) with respect to Germany, [*/2 mg vial of the Product; and (C) with respect to the United Kingdom, [*/2 mg vial of the Product.

(v) [Reserved].

(vi) “Pricing and Reimbursement Approval” means, with respect to a 2 mg vial of the Product in a given country, following Regulatory Approval of such 2 mg vial of the Product for the treatment of Arginase-1 Deficiency in such country by the applicable Regulatory Authority in such country, the later of (A) the approval, agreement, determination or decision by (1) the Ministries of Health and Social Security in France as published in the Journal Officiel, (2) the National Institute for Health and Care Excellence in the United Kingdom as set forth in the applicable commercial access agreement and (3) Spitzenverband der Gesetzlichen Krankenkassen (GKV-Spitzenverband) in Germany as published in the Lauer Taxe establishing a price for such 2 mg vial of the Product that can be legally charged to consumers, if required or desirable, in such country in connection with the broad commercialization of such 2 mg vial of the Product for the treatment of Arginase-1 Deficiency in such country; and (B) the approval, agreement, determination or decision by the foregoing applicable Governmental Authority establishing the level of reimbursement for such 2 mg vial of the Product that will be reimbursed by such Governmental Authority, if required or desirable, in such country in connection with the broad commercialization of such 2 mg vial of the Product for the treatment of Arginase-1 Deficiency in such country.

(vii) [Reserved].

(viii) [Reserved].

(ix) [Reserved].

(x) “Reimbursement Earnout Amount” means, with respect to a 2 mg vial of the Product in a given country: (A) if the Actual Reimbursement Percentage of such 2 mg vial of the Product in such country is equal to 100% or more, \$10,000,000, (B) if the Actual Reimbursement Percentage of such 2 mg vial of the Product in such country is less than 80%, zero, and (C) if the Actual Reimbursement Percentage

of such 2 mg vial of the Product in such country is 80% or more but less than 100%, an amount equal to the sum of (i) \$3,333,333 and (ii) the product of (A)(x) the Actual Reimbursement Percentage for such 2 mg vial of the Product in such country *minus 80% divided by* (y) 20% *multiplied by* (B) \$6,666,666; or, in the case of the foregoing clause (C), the formula expressed as follows:

$$\$3,333,333 + \frac{\text{Actual Reimbursement Percentage minus 80\%}}{20\%} \times \$6,666,666$$

(xi) [Reserved].

(xii) [Reserved].

ARTICLE II PURCHASE AND SALE

Section 2.1 Acquired Assets.

(a) On the terms and subject to the conditions set forth in this Agreement, at the Closing, Aeglea shall, and shall cause its Subsidiaries to, sell, assign, transfer, convey and deliver to Immedica, and Immedica shall receive, acquire and accept, all right, title and interest of Aeglea and its Subsidiaries in, to and under the Acquired Assets (including the Assigned Intellectual Property), free and clear of all Liens except for Permitted Liens.

(b) “Acquired Assets” means the following assets at the Closing:

(i) the assets listed on Schedule 2.1(b)(i)(D);

(ii) the Assigned Contracts;

(iii) all Biological Materials;

(iv) all Inventory;

(v) all Product Registrations that are (A) used in or held for use in the Program or in connection with the Product or (B) listed on Schedule 2.1(b)(v) (collectively, the “Transferred Product Registrations”); provided that Aeglea shall be entitled to retain copies of the Transferred Product Registrations solely to the extent necessary to comply with applicable Law and its internal document retention policies, subject to Aeglea’s nonuse and confidentiality obligations set forth in Section 6.2;

(vi) all Documents primarily related to the Program or Product or that are otherwise related to the Product or Program and reasonably necessary and useful to the Product or the Program (collectively, the “Transferred Documents”), including all attorney-client privilege and attorney work-product protection and all Documents subject to the attorney-client privilege or work-product protection in each case that relate to the Product or the Program; provided that the Transferred Documents shall exclude all (w) personnel files for any current or former directors, officers, employees, independent contractors or consultants (collectively, “Aeglea Service Providers”), (x) Documents relating to Spyre Therapeutics, Inc.

and its businesses or assets, as well as the transactions (the “Spyre Transactions”) contemplated by that certain Agreement and Plan of Merger, dated June 22, 2023, by and between Aeglea, Spyre Therapeutics, Inc., Aspen Merger Sub I, Inc. and Sequoia Merger Sub II, LLC (collectively, the “Spyre Documents”), (y) Documents subject to the attorney-client privilege or work-product protection relating solely to the License Agreement (and not the Product or the Program), and (z) Documents relating to the determination by Aeglea or any of its Subsidiaries with respect to the wind-down or discontinuation of all or a portion of the Program or any study related thereto; and provided, further, that Aeglea shall be entitled to (1) redact information from any Transferred Document that if in a separate document would fall within the foregoing exceptions or that relates exclusively to something other than the Product or the Program, and (2) retain copies of the foregoing (A) to the extent necessary to comply with applicable Law and its internal document retention policies and (B) to the extent any Transferred Document relates to Excluded Assets or Excluded Liabilities, in each case, subject to Aeglea’s nonuse and confidentiality obligations set forth in Section 6.2;

(vii) all claims, causes of action (including the right to sue for past infringement or misappropriation), defenses, rights of recovery and rights of set-off against third parties and all credits (including all guarantees, warranties, indemnities and similar rights) in favor of Aeglea or any of its Subsidiaries, in each case to the extent relating to, arising out of or in connection with the Product, the Program, the Acquired Assets or the Assumed Liabilities; and

(viii) all other assets, properties and rights of a type not expressly covered in this Section 2.1(b) that are exclusively related to, exclusively used in or exclusively held for use in Program or in connection with the Product.

Section 2.2 Excluded Assets.

(a) Notwithstanding anything to the contrary in this Agreement, nothing herein contained shall be deemed to sell, transfer, assign or convey to Immedica the Excluded Assets, and Aeglea and its Subsidiaries shall retain all right, title and interest to, in and under the Excluded Assets and Immedica shall not acquire any of the Excluded Assets.

(b) “Excluded Assets” means each of the following assets at the Closing:

(i) all cash and cash equivalents, securities, negotiable instruments, accounts receivable, notes and other amounts receivable of Aeglea or its Subsidiaries;

(ii) any rights to Tax refunds, credits, deductions, allowances or other Tax benefits of Aeglea or its Subsidiaries;

(iii) the company seal, minute books, charter documents, stock or equity record books and such other books and records as pertain to the organization, existence or capitalization of Aeglea and its Subsidiaries, as well as any other records or materials relating to Aeglea or its Subsidiaries that are exclusively related to the Excluded Assets or are not related to the Acquired Assets, the Program or the Product;

(iv) the shares of capital stock, partnership interests, membership interests or other equity interests of any Person (including Aeglea or any of its Subsidiaries);

(v) other than the Assigned Intellectual Property and subject to the terms and conditions of Section 6.6 and the Specified Patent License Agreement, all right, title and interest in and to all Intellectual Property and all other intangible property of Aeglea;

(vi) all equipment and tangible personal property of Aeglea or any of its Subsidiaries;

(vii) all real property owned or leased by Aeglea or any of its Subsidiaries;

(viii) all Contracts listed on Schedule 2.2(b)(viii);

(ix) all rights which accrue or will accrue to Aeglea or any of its Subsidiaries under this Agreement;

(x) (A) all attorney-client privilege and attorney work-product protection of Aeglea or its Subsidiaries, (B) all Documents subject to the attorney-client privilege or work-product protection, in the case of the foregoing clauses (A) and (B), solely to the extent not primarily related to the Program or Product or that are otherwise not related to the Product or Program and not reasonably necessary and useful to the Product or the Program, (C) all Documents subject to the attorney-client privilege or work-product protection maintained by Aeglea or its Subsidiaries in connection with the Transaction, the License Agreement or the Spyre Transaction and (D) all Documents (including those subject to attorney-client privilege or work-product protection) that (i) are personnel files for Aeglea Service Providers, (ii) are Spyre Documents or (iii) relate to the determination by Aeglea or any of its Subsidiaries with respect to the wind-down or discontinuation of all or a portion of the Program or any study related thereto;

(xi) Tax Returns of Aeglea and its Subsidiaries (other than Tax Returns or any portion thereof solely relating to any Acquired Asset);

(xii) all current and prior insurance policies of Aeglea and its Subsidiaries and all rights of any nature with respect thereto, including all insurance recoveries thereunder and rights to assert claims with respect to any such insurance recoveries;

(xiii) all assets with respect to any employee benefit plans, agreements or arrangements contributed to, sponsored, maintained or entered into by Aeglea or its Subsidiaries or otherwise relating to any Aeglea Service Providers;

(xiv) the ADA Assays; and

(xv) all other assets, properties, contractual rights, goodwill and other intangible assets, rights and claims of Aeglea and its Subsidiaries not included in the Acquired Assets.

Section 2.3 Assumption of Assumed Liabilities.

(a) On the terms and subject to the conditions set forth in this Agreement, as of the Closing, Immedica shall assume and be responsible for, and shall timely perform, satisfy and discharge in accordance with their terms, the Assumed Liabilities.

(b) “Assumed Liabilities” means each of the following Liabilities of Aeglea and its Subsidiaries at the Closing:

(i) all Liabilities of Aeglea arising under or in connection with the Assigned Contracts from and after the Closing, excluding for clarity the Excluded Liabilities set forth in Sections 2.4(b)(iv) and 2.4(b)(v) below, but including the amounts as set forth in Schedule 2.3(b)(i);

(ii) all Liabilities of Aeglea arising out of or relating to actions by Immedica or its Subsidiaries commenced after the Closing, irrespective of the legal theory asserted, arising from the administration, manufacture, advertising, marketing, distribution, sale or use of the Product or conduct of the Program during the period of time on or after the Closing;

(iii) without duplication of the other provisions of this Section 2.3(b), all Liabilities arising out of or in connection with an event first occurring at any time from and after the Closing to the extent relating to the Program or Product, or the use, ownership or operation of the Acquired Assets by Immedica or its Subsidiaries from and after the Closing, other than Liabilities of Aeglea or any of its Subsidiaries arising out of a breach or termination of this Agreement by Aeglea or any of its Subsidiaries.

Section 2.4 Excluded Liabilities.

(a) Notwithstanding any provision in this Agreement or any other writing to the contrary, Immedica is assuming only the Assumed Liabilities and is not assuming any other Liability of or relating to Aeglea or any of its Subsidiaries (or any of their respective predecessors or any prior owner of all or part of its or their businesses and assets) of whatever nature, whether presently in existence or arising hereafter. All such other Liabilities shall be retained by and remain Liabilities of Aeglea (or its applicable Affiliate) (all such Liabilities and obligations not being assumed, including those specifically enumerated in Section 2.4(b), being herein referred to as the “Excluded Liabilities”).

(b) “Excluded Liabilities” includes, without limitation, the following:

(i) all Liabilities to the extent not related to the Program, Product or the Acquired Assets;

(ii) all Liabilities relating to or arising out of the Excluded Assets;

(iii) (A) all Liabilities of Aeglea, its Affiliates or any consolidated, affiliated, combined or unitary group of which Aeglea or any of its Affiliates is or has been a member, for Taxes and (B) all Liabilities for Taxes with respect to the Acquired Assets for taxable periods ending on or prior to the Closing Date; provided that any Transfer Taxes incurred in connection with the Transaction and Apportioned Obligations shall be paid in the manner set forth in Article VIII;

(iv) all Liabilities relating to the Assigned Contracts to the extent such Liabilities (A) arise before the Closing, including, for the avoidance of doubt, any amounts owed under any Assigned Contract prior to the Closing pursuant to the terms thereof, regardless of whether the work to be performed, services to be rendered or goods to be provided in exchange for such amounts owed are to be provided before or after payment therefor or before or after the Closing, and regardless of whether an invoice for any such payment is rendered before or after the Closing; provided that the amounts listed on Schedule 2.3(b)(i) under the column “Expense to be Assumed by Immedica” shall be assumed by Immedica, (B) arise from or relate to any breach by Aeglea or any of its Subsidiaries of any provision of any of such Assigned Contract or (C) arise from or relate to any action or inaction by Aeglea or any of its Subsidiaries in connection with any such Assigned Contract;

(v) all Liabilities under any Contract that is not an Assigned Contract and, subject to Section 2.6, all Liabilities under any Assigned Contract that is not validly and effectively assigned to Immedica pursuant to this Agreement or any other Instrument;

(vi) all Liabilities, whether arising prior to, upon or following the Closing, with respect to any Aeglea Service Providers, including, without limitation, all Liabilities (A) under or relating to any employee benefit plan, contract, program, fund or arrangement and any trust, escrow or similar agreement related thereto, whether or not funded, in respect of any Aeglea Service Provider or with respect to which Aeglea or any of its Affiliates has made or is required to make payments, transfers or contributions, or any management, employment, severance, change in control, noncompete, confidentiality, offer letter, retention, incentive or similar Contract, and (B) the matters set forth on Schedule 2.4(b)(vi);

(vii) all Liabilities of Aeglea or any of its Affiliates in respect of Indebtedness;

(viii) all Liabilities in respect of any pending Legal Proceedings and any Legal Proceedings initiated after the Closing arising out of or relating to the administration, development, manufacture, advertising, marketing, distribution, sale or use of the Product or conduct of the Program prior to the Closing;

(ix) all Expenses of Aeglea or any of its Subsidiaries payable to Third Parties, including to any outside professionals (including any broker, finder, agent, investment banker, legal, accounting or tax adviser), incurred by Aeglea or any of its Subsidiaries before, on or after the Closing, in connection with the authorization, preparation, negotiation, execution and performance of this Agreement or the other Instruments, or the process of selling the Acquired Assets, including any investment banking or brokerage fees, finders' fees or commissions; and

(x) all other Liabilities arising out of or relating to the Product, the Program or the Acquired Assets, to the extent such Liabilities relate to the period of time prior to Closing.

Section 2.5 Undisclosed Contracts. If any Program Contract was not set forth on Schedule 2.1(b)(i) or 2.2(b)(viii) and is identified following the Closing, Aeglea shall promptly notify Immedica in writing giving sufficient disclosure of such Program Contract and provide Immedica with a copy thereof, in which case Immedica shall thereafter be entitled to deem such Program Contract an "Assigned Contract" and the provisions of this Agreement (including Section 2.6) shall apply to such Program Contract as though it were an Assigned Contract, and Aeglea and Immedica shall take such action reasonably requested by Immedica (and consistent with the other provisions of this Agreement (including Section 2.6)) to assign such Program Contract to Immedica. Neither Aeglea nor any of its Subsidiaries shall voluntarily terminate any such nondisclosed Program Contract prior to providing Immedica with written notice of the intent to terminate and giving Immedica a reasonable period of time to review such Program Contract and determine whether to exercise its right to treat such Program Contract as an "Assigned Contract."

Section 2.6 Non-Assignable Assets. Notwithstanding anything to the contrary in this Agreement, nothing in this Agreement or the consummation of the Transaction shall be construed as an attempt or agreement to assign any Acquired Asset, including any Contract, Permit, certificate, approval, authorization or other right, which by its terms or by Law is non-assignable without the consent of a Third Party or a Governmental Authority or is terminable or cancelable by a Third Party or a Governmental Authority in the event of an assignment (any such Acquired Asset, a "Non-assignable Asset") unless and until such consent shall have been obtained. Aeglea shall and shall cause its Subsidiaries to use all commercially reasonable efforts to obtain any such consents with respect to the Acquired Assets, including all Non-assignable Assets, and including all consents set forth on Schedule 4.4(a), as promptly as

practicable, and shall cooperate as reasonably requested by Immedica in any efforts made by Immedica or any of its Affiliates to obtain such consent. If any such consent or approval is not obtained, Aeglea shall, and shall cause its Subsidiaries to, provide to Immedica the benefits of such Non-assignable Asset in accordance with this Agreement and shall enforce, or cause its Subsidiaries to enforce, at the request of and for the benefit of Immedica, any rights of Aeglea or its Subsidiaries arising thereunder, including the right to seek any available remedies or to terminate in accordance with the terms thereof, in each case at Immedica's cost and expense. Aeglea shall and shall cause its Subsidiaries to promptly pay to Immedica when received all monies received by Aeglea or any of its Affiliates under any such Non-assignable Asset or any claim, right or benefit arising thereunder, except to the extent the same represents an Excluded Asset. As a condition to Aeglea providing Immedica with the benefits of any Non-assignable Asset, Immedica shall perform, in the name or on behalf of Aeglea or its applicable Subsidiary, all obligations of Aeglea or its applicable Subsidiary and shall indemnify Aeglea or its applicable Subsidiary for any Liabilities first arising thereunder following the Closing, except to the extent such Liabilities relate to the gross negligence or willful misconduct of Aeglea or any Aeglea Indemnified Party or the failure of Aeglea or any Aeglea Indemnified Party to follow the reasonable written (email being sufficient) instructions of Immedica or any of its Subsidiaries with respect to such Non-assignable Asset. To the extent that, in connection with obtaining a Third Party's consent under any Non-assignable Asset, one or more of the Parties enter into an agreement with such Third Party that provides for an allocation of liability among the Parties with respect to such Non-assignable Asset that is inconsistent with the terms of this Agreement, the Parties agree that, as among themselves, the provisions of this Agreement shall control.

Section 2.7 Designated Buyer. Notwithstanding anything to the contrary contained in this Agreement, Immedica may elect to have any or all of the Acquired Assets sold, assigned, conveyed, transferred or delivered to, or any of the Assumed Liabilities assumed by, one or more of its Subsidiaries, in each case as set forth in the Instruments to be delivered at Closing; provided, however, that no such sale, assignment, conveyance, transfer or delivery shall (a) relieve Immedica of any of its obligations to Aeglea hereunder with respect to the Assumed Liabilities or (b) otherwise increase or expand the obligations of Aeglea hereunder.

Section 2.8 ADA Assay License. Aeglea and its Subsidiaries hereby grant to Immedica and its Affiliates a royalty-free, fully paid-up, worldwide, fully transferable, irrevocable, perpetual, non-exclusive, sublicensable (including the right to sublicense through multiple tiers) license under their respective rights in and to the ADA Assays to use and otherwise Exploit the ADA Assays for any and all purposes.

ARTICLE III

CLOSING

Section 3.1 Closing. The closing of the Transaction (the "Closing") shall take place on the date hereof (the "Closing Date") remotely by exchange of documents and signatures (or their electronic counterparts), simultaneously with the execution and delivery of this Agreement.

Section 3.2 Deliveries by Aeglea.

(a) At the Closing, Aeglea shall pay an amount in cash equal to the Fuji Credit to Fujifilm by wire transfer of immediately available funds, and, at or prior to the Closing, shall provide to Immedica proof of such payment that is reasonably satisfactory to Immedica.

(b) At the Closing, Aeglea shall deliver, or cause to be delivered, to Immedica, as applicable, the following:

(i) an assignment and assumption agreement and bill of sale, in a form reasonably agreed among the Parties (the “Assignment and Assumption and Bill of Sale”), executed by a duly authorized officer of Aeglea;

(ii) the agreements listed on Schedule 3.2(b); and

(iii) the IP Assignment Agreement, executed by a duly authorized officer of Aeglea.

(iv) [Reserved].

Section 3.3 Deliveries by Immedica at the Closing. At the Closing, Immedica shall deliver, or cause to be delivered, to Aeglea, as applicable, the following:

(a) the Initial Payment by wire transfer of immediately available funds, in accordance with Section 1.1(a);

(b) the Assignment and Assumption and Bill of Sale, executed by a duly authorized officer of Immedica;

(c) the agreements listed on Schedule 3.3; and

(d) the IP Assignment Agreement, executed by a duly authorized officer of Immedica.

(e) [Reserved].

Section 3.4 Additional Closing Deliveries. From time to time following the Closing, at the reasonable request of Aeglea or Immedica, such other Party shall execute, acknowledge and deliver all such further conveyances, notices, assumptions, releases and acquittances and such other instruments, and shall take such further actions, as may be necessary to assure (a) to Immedica and its successors and assigns, all of the properties, rights, titles, interests, estates, remedies, powers and privileges intended to be conveyed to Immedica under this Agreement and the other Instruments, and (b) to the Parties and their respective Affiliates, and their respective successors and assigns, the assumption of the Liabilities intended to be assumed by Immedica under this Agreement and the other Instruments, and to otherwise make effective the Transaction.

Section 3.5 Appointment. Aeglea hereby constitutes and appoints, effective as of the Closing, Immedica and its successors and assigns as the true and lawful attorney of Aeglea with full power of substitution in the name of Immedica, or in the name of Aeglea but for the benefit of Immedica, to collect for the account of Immedica any items of Acquired Assets. Immedica shall be entitled to retain for its own account any amounts collected pursuant to the foregoing powers, including any amounts payable as interest in respect thereof and shall promptly remit to Aeglea without any set-off any amounts collected that are not Acquired Assets.

ARTICLE IV
REPRESENTATIONS AND WARRANTIES OF AEGLEA

Aeglea hereby represents and warrants to Immedica as of the Closing Date as follows:

Section 4.1 Organization and Good Standing. Aeglea is an entity duly organized, validly existing and in good standing under the applicable Laws of the state of its organization and has all requisite corporate or other similar organizational powers required to carry on its business as now conducted. Aeglea is duly qualified to do business as a foreign entity and, to the extent legally applicable, in good standing as a foreign entity in each jurisdiction where such qualification is necessary, except for those jurisdictions where failure to be so qualified or in good standing would not, individually or in the aggregate, reasonably be expected to be material to the Acquired Assets, the Product (which term “Product,” solely for purposes of this Article IV, shall refer to the Product in accordance with good manufacturing practices, as defined under the applicable sections of the United States Code of Federal Regulations, and the specifications contained in the Transferred Product Registrations) or the Program (which term “Program,” solely for purposes of this Article IV, shall refer to the research, development and manufacturing program for pegzilarginase solely with respect to the treatment of Arginase-1 Deficiency), or materially impede or materially delay the consummation by Aeglea of the Transactions or the performance of its obligations under this Agreement or any Instrument to which it is a party.

Section 4.2 Authorization of Agreement. Aeglea and each of its applicable Subsidiaries has all requisite power and authority to execute and deliver this Agreement and each other agreement, document or instrument contemplated by this Agreement to which it is a party (collectively, the “Instruments”), to perform its respective obligations hereunder and thereunder and to consummate the Transaction and the other transactions contemplated hereby and thereby. The execution, delivery and performance by Aeglea and each of its applicable Subsidiaries of each of this Agreement and each other Instrument and the consummation of the Transaction and the other transactions contemplated hereby and thereby have been duly authorized and approved by all requisite corporate or similar action on the part of Aeglea and each of its applicable Subsidiaries. Each of the Instruments has been, or will be at or prior to the Closing, duly and validly executed and delivered by Aeglea and each of its Subsidiaries party thereto and (assuming the due authorization, execution and delivery by the other parties thereto) each of the Instruments, when so executed and delivered, will constitute the legal, valid and binding obligations of Aeglea and each such Subsidiary, enforceable against it in accordance with its terms, subject to the effect of any applicable Laws relating to bankruptcy, reorganization, insolvency, moratorium, fraudulent conveyance or preferential transfers, or similar Laws relating to or affecting creditors’ rights generally and subject, as to enforceability, to the effect of general principles of equity (regardless of whether such enforceability is considered in a proceeding in equity or at Law).

Section 4.3 Subsidiaries. Each Subsidiary of Aeglea which has title to any Acquired Assets is duly organized, validly existing and in good standing under the laws of its jurisdiction of organization and has all requisite corporate or similar power and authority to carry on its portion of the Program as currently conducted and is duly qualified to do business and is in good standing as a foreign corporation or other entity in each jurisdiction where the ownership or operation of the Acquired Assets or the conduct of the Program requires such qualification, except for failures to be so duly organized, validly existing, qualified or in good standing that would not, individually or in the aggregate, be material to the Acquired Assets, the Product or the Program or materially impede or materially delay the consummation by such Subsidiary of the Transactions or the performance of its obligations under this Agreement or any Instrument to which it is a party.

Section 4.4 Conflicts; Consents of Third Parties.

(a) Assuming the receipt of the consents identified on Schedule 4.4(a), none of the execution and delivery of this Agreement or the Instruments by Aeglea or any of its Subsidiaries, or the consummation of the Transaction or the other transactions contemplated hereby and thereby, will conflict with, or result in any violation of, or constitute a breach of, or conflict with or constitute a default (with or without notice or lapse of time, or both) under any provision of, or require any consent or other action by any Person under, or give rise to any right of termination, cancellation or acceleration under: (i) the certificate of incorporation and by-laws or comparable organizational documents of Aeglea or any of its Subsidiaries party to any Instrument; (ii) any Contract to which Aeglea or any such Subsidiary is a party or by which any of the properties or assets of Aeglea or any of its Subsidiaries used or held for use in the Program or in connection with the Product, or any Acquired Asset, is bound; (iii) any Order of any Governmental Authority applicable to Aeglea or any of its Subsidiaries or by which any of the properties or assets of Aeglea used or held for use in the Program or in connection with the Product, or any Acquired Asset, is bound; or (iv) any applicable Law, except, in the case of clauses (ii), (iii) and (iv) above, where such conflict, violation or default would not be material to the Acquired Assets, the Product or the Program or materially impede or materially delay the consummation by Aeglea or any such Subsidiary of the Transactions or the performance of its obligations under this Agreement or any Instrument to which it is a party. None of the execution and delivery of this Agreement or the Instruments by Aeglea or any of its Subsidiaries, or the consummation of the Transaction or the other transactions contemplated hereby and thereby, will result in the creation or imposition of any Lien on any Acquired Asset, except for Permitted Liens.

(b) Assuming the receipt of the consents from a Governmental Authority identified on Schedule 4.4(a), and except for any such filings, notices, Permits, authorizations, registrations, consents or approvals, the failure to make or obtain would not be material to the Acquired Assets, the Product or the Program and would not materially impede or materially delay the consummation by Aeglea of the Transactions or the performance of its obligations under this Agreement or any Instrument to which it is a party, no consent, waiver, approval, Order, Permit or authorization of, or declaration or filing with, or notification to, any Governmental Authority is required for Aeglea in connection with the execution and delivery of this Agreement or the Instruments, or the consummation of the Transaction.

Section 4.5 Acquired Assets.

(a) Except as set forth on Schedule 4.5(a), prior to the transfer of the Acquired Assets to Immedica at the Closing in accordance with this Agreement, Aeglea owns and has good title to the Acquired Assets, free and clear of all Liens other than Permitted Liens. Other than any Permitted Liens, neither Aeglea nor any of its Subsidiaries has granted to any Third Party any interest, right to use, license or entered into any covenants not to sue, releases for infringement, or waivers of claims for infringement, in, of or with respect to the Acquired Assets. Neither Aeglea nor any of its Subsidiaries has received any written notice from any other Person challenging its ownership or rights to use any Acquired Assets and there are no pending Legal Proceedings against Aeglea or any of its Subsidiaries challenging such ownership or rights.

(b) There are no existing Contracts to which Aeglea or any of its Subsidiaries is a party, pursuant to which a Third Party is granted an option to acquire any interest in any of the Acquired Assets.

(c) Schedule 4.5(c) sets forth a true and complete list of all Non-assignable Assets.

(d) All Inventory has been manufactured (i) in accordance with good manufacturing practices, as defined under the applicable sections of the United States Code of Federal Regulations, (ii) in compliance with all applicable Law, (iii) in accordance with the Inventory Specifications and (iv) in accordance with the specifications and standards contained in the Transferred Product Registrations.

Section 4.6 Transferred Product Registrations.

(a) The Transferred Product Registrations constitute all material registrations, applications, approvals, licenses or permits granted by any Governmental Authority to develop and market the Product, other than any Product Registrations held by Immedica or its Subsidiaries.

(b) Except as set forth in Schedule 4.6(b), prior to the transfer of any Transferred Product Registration in accordance with this Agreement, Aeglea is the sole and exclusive owner of such Transferred Product Registration other than any Product Registrations held by Immedica or its Subsidiaries, and has not granted any right of reference with respect thereto.

Section 4.7 Assigned Contracts.

(a) Other than the Assigned Contracts and the Contracts listed on Schedule 2.2(b)(viii), neither Aeglea nor any of its Subsidiaries is party to any Contract that is primarily related to, or otherwise material to, the Product or the Program. Each Assigned Contract is a valid, binding and enforceable agreement of Aeglea or its applicable Subsidiaries party thereto and, to the Knowledge of Aeglea, of each other party to such Assigned Contract, and each such Assigned Contract is in full force and effect. In respect of each Assigned Contract, neither Aeglea nor any of its applicable Subsidiaries party thereto is, nor, to the Knowledge of Aeglea, any other counterparty thereto is, in default or breach under the terms of any such Assigned Contract, and, to the Knowledge of Aeglea, no event has occurred that, with or without the lapse of time or the giving of notice or both, would constitute a breach thereof or default thereunder by Aeglea or its applicable Subsidiaries party thereto or, to the Knowledge of Aeglea, any other party thereto, except for any such defaults or breaches that, individually or in the aggregate, would not reasonably be expected to be material to the Acquired Assets, the Product or the Program. There are no disputes pending, or to Aeglea's Knowledge, threatened, with respect to any of the Assigned Contracts and neither Aeglea nor any of its Subsidiaries has received any written notice of the intention of any other party to any Assigned Contract to terminate or not renew or reduce any commitment under any Assigned Contract, nor to the Knowledge of Aeglea is any such party intending to do so, in each case, except where such dispute, or such termination or nonrenewal or commitment reduction would not be material to the Product or the Program.

(b) No Assigned Contract (i) contains a covenant not to compete or other covenants that purport to limit or restrict the business activity of Aeglea or any of its Subsidiaries or limit the freedom of Aeglea or any of its Subsidiaries to use the Acquired Assets, or (ii) grants a Third Party a license, or a covenant not to be sued under, any Assigned Intellectual Property, excluding nonexclusive licenses granted in the ordinary course of business.

(c) There are no obligations to make any payments or any amounts owed under any Assigned Contract, including under the Fuji Scope of Work, that have not been paid by Aeglea or any of its Subsidiaries at or prior to Closing, regardless of whether the work to be performed, services to be rendered or goods to be provided in exchange for such payments are to be provided before or after payment therefor or before or after the Closing, and regardless of whether an invoice for any such payment is rendered before or after the Closing.

Section 4.8 Sufficiency of the Assets; Title to Acquired Assets.

(a) The Acquired Assets, together with the license to the ADA Assays granted pursuant to Section 2.8, comprise all of the property, assets and rights, tangible and intangible, of any nature whatsoever, used or held for use in the Program or with the Product, except for any and all such assets or rights for the general operation of an entity, all personnel, all contracts in support of clinical trials and the Excluded Assets (provided that for purposes of this Section 4.8(a), the definition of “Excluded Assets” shall be deemed not to include clause (xv) thereof), and (subject to the foregoing exceptions) are sufficient to conduct the Program, *provided* that this Section 4.8(a) shall not be construed as a representation or warranty with respect to not infringing, misappropriating or otherwise violating Intellectual Property of a Third Party.

(b) Aeglea hereby represents and warrants to Immedica as of the Closing Date as set forth on Schedule 4.8 as though set forth in full herein.

Section 4.9 Compliance with Laws; Litigation.

(a) Except as would not reasonably be expected to be material to the Program, the Acquired Assets or the Product, (i) neither Aeglea nor any of its Subsidiaries is in violation of any applicable Law relating to the Program, the Product, the Acquired Assets or the Assumed Liabilities, (ii) except as set forth on Schedule 4.9, all governmental licenses, permits, approvals and authorizations employed in, or necessary to the ongoing operation of the Program as currently conducted, are in full force and effect and (iii) neither Aeglea nor any of its Subsidiaries has received any communication from any Governmental Authority relating to any violation of any applicable Law in connection with the Acquired Assets, Assumed Liabilities, the Product or the operation of the Program.

(b) The Program has been conducted and developed, and the Product been manufactured, processed, tested and stored, in accordance with all applicable Laws, rules and regulations, in all material respects.

(c) There is no Legal Proceeding pending against, or to the knowledge of Aeglea or any of its Subsidiaries, threatened against or affecting, the Acquired Assets or relating to the Acquired Assets or the Program before any arbitrator or any Governmental Authority, and there are no outstanding Orders, injunctions or decrees of any Governmental Authority that apply to or otherwise relate to the Acquired Assets or the Program (or that will apply to Immedica after Closing) that restrict the ownership, disposition or use of the Acquired Assets or the Product, or the conduct of the Program.

(a) Except as would not reasonably be expected to be material to the Program, the Acquired Assets or the Product, Aeglea and each of its Subsidiaries is in compliance with all applicable legal requirements of the U.S. Centers for Medicare & Medicaid Services, U.S. Centers for Disease Control and Prevention, U.S. Department of Health and Human Services, U.S. Drug Enforcement Agency, U.S. Food and Drug Administration, U.S. Federal Trade Commission (the “FTC”), U.S. Department of Agriculture, U.S. Department of Commerce, and similar federal, state and local Governmental Authorities, and comparable non-U.S. Governmental Authorities (collectively, the “Regulatory Bodies”), as well as all applicable healthcare-related legal requirements of the U.S. Department of Justice and healthcare-related Presidential Executive Orders, including with respect to the maintenance, compilation and filing of reports and the sale, labeling, storing, testing, development, distribution, marketing, promotion and advertising of the Product, including all anti-kickback laws.

(b) Since January 1, 2020, neither Aeglea nor any of its Subsidiaries (i) has received any written notice or warning letter from any Regulatory Body or any other Governmental Authority alleging any violation of any requirements under applicable Law by Aeglea or any of its Subsidiaries, (ii) has received notice of nor is subject to any adverse inspection, finding of deficiency, finding of noncompliance, compelled or voluntary recall, product seizure, investigation, penalty for corrective or remedial action or other compliance or enforcement action by any Governmental Authority, in each case relating to the Product or to the facilities in which the Product is manufactured, produced, processed, packaged, labeled, collected, stored or handled. There is no corporate integrity agreement in effect with respect to Aeglea or otherwise with respect to the Program or the Product.

(c) Neither Aeglea nor any of its Subsidiaries has received (i) any FDA Form 483 “Inspectional Observations,” or similar notice from any Governmental Authority, relating to the Product or the facilities in which the Product is manufactured; or (ii) any “warning letters,” or “untitled letters,” or other similar Governmental Authority notice of inspectional observations or legal deficiencies or other written correspondence from the FDA or any other Governmental Authority asserting a violation of applicable Law concerning the Acquired Assets, the Program or the Product. There has not been a recall or market withdrawal or replacement of any Product by, or on behalf of, Aeglea or any of its Subsidiaries, whether voluntary or involuntary. Aeglea and its Subsidiaries have complied at all times with all adverse event reporting requirements applicable to the Product.

(d) Neither Aeglea nor any of its Subsidiaries has made any false statements on, or omissions from, the applications, reports and other submissions or communications (written or oral) to the FDA or any other Governmental Authority with respect to the Program, the Product or its manufacture or any other records, reports and documentation prepared or maintained to comply with the requirements of applicable Law, and all such applications, reports, submissions and communications were true, correct and complete in all material respects. Neither Aeglea nor any of its Subsidiaries is the subject of any pending or, to Aeglea’s Knowledge, threatened investigation by any Governmental Authority with respect to the Program, or the Product, including by (i) the FDA pursuant to its “Fraud, Untrue Statements of Material Facts, Bribery and Illegal Gratuities” Final Policy set forth in 56 Fed. Reg. 46191 (September 10, 1991) and any amendments thereto; (ii) the FTC; or (iii) any other Governmental Authority that has jurisdiction over the Program under any similar policy.

(a) Schedule 4.11(a) contains a true and complete list of each of the issuances, registrations and applications for issuance or registration included in the Assigned Intellectual Property, specifying as to each such item, as applicable (i) the owner of such item, (ii) the title of such item, (iii) each jurisdiction in which such item is issued or registered or in which any application for issuance or registration has been filed, (iv) the respective issuance, registration, or application number of such item and (v) the date of application and issuance or registration of such item (all such Assigned Intellectual Property required to be listed on Schedule 4.11(a), the “Registered IP”).

(b) Aeglea or one of its Subsidiaries is the sole and exclusive owner of the Assigned Intellectual Property.

(c) Except as set forth in Schedule 4.11(c), there exist no restrictions on the disclosure, use, license or transfer of the Assigned Intellectual Property. The consummation of the transactions contemplated by this Agreement will not (i) alter, encumber, impair or extinguish any Assigned Intellectual Property or Aeglea’s or its applicable Subsidiary’s rights under any Intellectual Property licensed to Aeglea or its Subsidiaries pursuant to an Assigned Contract (“Licensed Intellectual Property”); or (ii) impair the right of Immedica or any of its Affiliates to develop, use, sell, license or otherwise dispose of, or to bring any action for the infringement, misappropriation or other violation of, any Assigned Intellectual Property.

(d) The Assigned Intellectual Property (including the Specified Patents and CPRIT Technology), Licensed Intellectual Property and the ADA Assays constitute all of the Intellectual Property (i) used or held for use by Aeglea and its Subsidiaries in, or (ii) owned or licensed by Aeglea or its Subsidiaries and otherwise necessary for, the conduct of the Program and the Exploitation of the Product.

(e)(i) None of the Assigned Intellectual Property has ever been found invalid or unenforceable, in whole or in part, for any reason in any administrative, arbitration, judicial or other Legal Proceeding (other than in proceedings before a patent office in connection with the prosecution of any Assigned Patent) or been the subject of a final and nonappealable finding of unpatentability, (ii) Aeglea has not received any written notice from any other Person that any issued Assigned Patent is not valid and enforceable, (iii) all Assigned Intellectual Property is, to Aeglea’s Knowledge, valid, enforceable, in full force and effect and subsisting, (iv) all registration, maintenance and renewal fees applicable to the Registered IP that are currently due have been paid and all documents and certificates related to such items that are currently required to be filed have been filed with the relevant Governmental Authority or other authorities in the applicable jurisdictions for the purposes of maintaining such items, (v) effective written assignments constituting an unbroken, complete chain-of-title from each original owner or inventor to Aeglea or its applicable Subsidiary have been obtained with respect to all the Registered IP and have been duly recorded with the appropriate Governmental Authorities and (vi) to the Aeglea’s Knowledge, there is no relevant prior art revealed, disclosed or discovered after the issuance of any Assigned Patent that was not cited during the prosecution of such Assigned Patent.

(f) There is no Legal Proceeding pending against, or, to Aeglea’s Knowledge, threatened against, Aeglea or any of its Subsidiaries or any of their respective present or, to Aeglea’s Knowledge, former, officers, directors or employees (i) based upon, or challenging or seeking to deny or restrict, the rights of Aeglea or any of its Subsidiaries in any of the Assigned Intellectual Property or, to Aeglea’s Knowledge, Licensed Intellectual Property or (ii) alleging that any Assigned Intellectual Property or, to Aeglea’s Knowledge, Licensed Intellectual Property is invalid or unenforceable (including in any reexamination, reissue, opposition proceeding, or any similar proceeding).

(g) The Exploitation of the Product and the conduct of the Program has not infringed upon (including inducing or contributing to the infringement of), misappropriated or otherwise violated, and, to Aeglea's Knowledge, will not infringe upon (including inducing or contributing to the infringement of), misappropriate or otherwise violate, any Intellectual Property rights of any Third Party. There is no Legal Proceeding pending against, or, to Aeglea's Knowledge, threatened against, Aeglea or any of its Subsidiaries or any of their respective present or, to Aeglea's Knowledge, former, officers, directors or employees alleging that the use of any of the Assigned Intellectual Property or Licensed Intellectual Property or the conduct of the Program conflicts with, misappropriates, infringes or otherwise violates any Intellectual Property of any Person.

(h) None of Aeglea nor its respective agents and advisors, has (i) put a Third Party on notice of actual or potential infringement, misappropriation or other violation of any of the Assigned Intellectual Property or (ii) initiated any enforcement action with respect to any of the Assigned Intellectual Property, and, to Aeglea's Knowledge, no Person has infringed, misappropriated or otherwise violated any Assigned Intellectual Property or Aeglea's or its applicable Subsidiary's rights under any Licensed Intellectual Property.

(i) Aeglea has taken reasonable steps in accordance with normal industry practice to maintain the confidentiality of all Assigned Intellectual Property and Licensed Intellectual Property, the value of which to Aeglea is contingent upon maintaining the confidentiality thereof, and no such Intellectual Property has been disclosed other than pursuant to written confidentiality agreements or enforceable confidentiality obligations.

(j) Aeglea and its Subsidiaries have appropriate procedures in place designed to provide that all Intellectual Property related to the Product or Program and conceived or developed by employees performing their duties for Aeglea and its Subsidiaries, and by Third Parties performing research and development for Aeglea or its Subsidiaries, has been assigned to Aeglea or its Subsidiaries, as applicable, and to the extent that any such Intellectual Property has been developed or created by any Third Party (including any current or former employee), Aeglea or one of its Subsidiaries has a written agreement with such Third Party with respect thereto, which provides that Aeglea or its applicable Subsidiary either (i) has obtained ownership of and is the sole and exclusive owner of or (ii) has obtained a valid and unrestricted right to exploit, sufficient for the conduct of its business, as currently conducted or proposed to be conducted, such Intellectual Property.

(k) Schedule 4.11(k) contains a true and complete list of any and all Assigned Intellectual Property that was created, developed or reduced to practice, or is being created, developed or reduced to practice, (i) pursuant to, or in connection with, any contract with any Governmental Authority or Governmental Authority-affiliated entity, or university, college or other educational institution, or (ii) using any funding or facilities of any Governmental Authority or Governmental Authority-affiliated entity, or university, college or other educational institution (collectively, "Government Funded IP"). Except as set forth in Schedule 4.11(k), Aeglea and its Subsidiaries have taken any and all actions necessary to obtain, secure, maintain, enforce and protect Aeglea's or its applicable Subsidiary's right, title and interest in, to and under all Government Funded IP, and Aeglea and its Subsidiaries have complied with any and all Intellectual Property disclosure and/or licensing obligations under any applicable contract referenced in clause (i) above.

(l) In connection with the conduct of the Program, Aeglea and each of its Subsidiaries have complied in all material respects with (i) all applicable Laws, rules and regulations pertaining to data privacy, data security, security breach notification and the collection, storage and use of personally identifiable information and user information gathered or accessed in the course of the conduct of the Program, (ii) all rules, policies and procedures established by any of Aeglea or its Subsidiaries with respect to the foregoing and (iii) all restrictions and requirements with respect to the foregoing contained in any contractual obligations to which Aeglea or any of its Subsidiaries is bound. To Aeglea's Knowledge, there has been no (A) losses or thefts of, or security breaches relating to, personally identifiable information in the possession, custody or control of Aeglea or any of its Subsidiaries and held in connection with the conduct of the Program; (B) unauthorized access or unauthorized use of any such personally identifiable information; or (C) improper disclosure of any such personally identifiable information by Aeglea or any of its Subsidiaries or any Person acting on their behalf. No Legal Proceedings are pending or, to Aeglea's Knowledge, threatened against Aeglea or any of its Subsidiaries by any Person alleging a violation of any Person's privacy, personal or confidentiality rights under any such applicable Laws, contractual obligations, or the rules, policies or procedures established by any of Aeglea or its Subsidiaries relating to privacy, data protection and the collection and use of personal information gathered or accessed in the conduct of the Program.

Section 4.12 Taxes.

(a) Aeglea has filed all material Tax Returns and paid all material Taxes (whether or not shown on any Tax Return), the failure of which could result in a Lien on any Acquired Asset.

(b) There are no Liens on any Acquired Asset that arose in connection with any failure or alleged failure to pay any Tax.

(c) No Taxing Authority has proposed or is threatening in writing to propose any adjustment to any item with respect to material Taxes, the nonpayment of which could result in a Lien on any Acquired Asset.

(d) There is no Legal Proceeding now pending or, to Aeglea's Knowledge, threatened against or with respect to Aeglea in respect of any material Tax, the nonpayment of which could result in a Lien on any Acquired Asset.

(e) None of the Acquired Assets being transferred to Immedica hereunder is a "United States real property interest" within the meaning of Section 897(c) of the Code.

Section 4.13 Employee Matters.

(a) Neither Aeglea nor any of its Subsidiaries (nor any predecessor of the foregoing or any prior owner of all or part of the business or assets of any of the foregoing) has had, at any time during the six (6) year period prior to the date of this Agreement, any direct or indirect Liability with respect to any plan subject to Title IV of the Employee Retirement Income Security Act of 1974, as amended, including any “multiemployer plan” as defined in Section 3(37) of such act.

(b) Aeglea and its Subsidiaries are and have been in compliance with all applicable Laws relating to the Worker Adjustment and Retraining Notification Act and any comparable foreign, state or local Law, except for any failures to comply that would not result in any direct or indirect Liability to Immedica or any of its Affiliates.

Section 4.14 Environmental Compliance. Except as to matters that would not reasonably be expected to be material to the Program, the Acquired Assets or the Product:

(a)(i) no written notice, Order, request for information, complaint or penalty has been received by Aeglea or any of its Subsidiaries, and (ii) there are no Legal Proceedings pending or threatened, in the case of each of (i) and (ii), which allege a violation of any Environmental Law and relate to the Acquired Assets;

(b) Aeglea has obtained or caused to be obtained all environmental permits necessary for the current operation and use of the Acquired Assets to comply with all applicable Environmental Laws and Aeglea and each of its Subsidiaries is in compliance with the terms of such permits and, with respect to the current operation and use of the Acquired Assets, with all other applicable Environmental Laws; and

(c) there is no written environmental audit that has been conducted within the past five years by Aeglea or any of its Subsidiaries of any Acquired Asset.

Section 4.15 Finders Fees. There is no investment banker, broker, finder or other intermediary which has been retained by or is authorized to act on behalf of Aeglea or any of its Affiliates who might be entitled to any fee or commission in connection with the transactions contemplated by this Agreement.

Section 4.16 No Other Representations or Warranties. **Except for the representations and warranties contained in this Article IV and the representations and warranties contained in any other Instrument, Immedica acknowledges that neither Aeglea nor any other Person on behalf of Aeglea has made, and Immedica has not relied upon, any representation or warranty, whether express or implied, with respect to the Program, Product, Acquired Assets, Aeglea or its Subsidiaries, or Aeglea’s or its Subsidiaries’ businesses, affairs, assets, Liabilities, financial condition, results of operations, future operating or financial results, estimates, projections, forecasts, plans or prospects (including the reasonableness of the assumptions underlying such estimates, projections, forecasts, plans or prospects) or with respect to the accuracy or completeness of any other information provided or made available to Immedica by or on behalf of Aeglea in connection with the Transaction.**

ARTICLE V

REPRESENTATIONS AND WARRANTIES OF IMMEDICA

Immedica hereby represents and warrants to Aeglea as of the Closing Date as follows:

Section 5.1 Organization and Good Standing. Immedica is an entity duly organized, validly existing and, to the extent legally applicable, in good standing under the applicable Laws of the country of its organization and has all requisite corporate or other similar organizational powers required to carry on its business as now conducted. Immedica is duly qualified to do business as a foreign entity and, to the extent legally applicable, in good standing as a foreign entity in each jurisdiction where such qualification is necessary, except for those jurisdictions where the failure to be so qualified or in good standing would not, individually or in the aggregate, reasonably be expected to materially impede or materially delay the consummation by Immedica of the Transactions or the performance of its obligations under this Agreement or any Instrument to which it is a party.

Section 5.2 Authorization of Agreement. Immedica has all requisite power and authority to execute and deliver this Agreement and each Instrument to which it is a party, to perform its respective obligations hereunder and thereunder and to consummate the Transaction and the other transactions contemplated hereby and thereby. The execution, delivery and performance by Immedica of each of this Agreement and each other Instrument to which it is a party and the consummation of the Transaction and the other transactions contemplated hereby and thereby have been duly authorized and approved by all requisite corporate or similar action on the part of Immedica. Each of the Instruments to which Immedica is a party has been, or will be at or prior to the Closing, duly and validly executed and delivered by Immedica and (assuming the due authorization, execution and delivery by the other parties thereto) each of such Instruments, when so executed and delivered, will constitute the legal, valid and binding obligations of Immedica, enforceable against it in accordance with its terms, subject to the effect of any applicable Laws relating to bankruptcy, reorganization, insolvency, moratorium, fraudulent conveyance or preferential transfers, or similar Laws relating to or affecting creditors' rights generally and subject, as to enforceability, to the effect of general principles of equity (regardless of whether such enforceability is considered in a proceeding in equity or at Law).

Section 5.3 Conflicts; Consents of Third Parties. None of the execution and delivery of this Agreement or the Instruments to which Immedica is a party by Immedica, or the consummation of the Transaction or the other transactions contemplated hereby and thereby, will conflict with, or result in any violation of, or constitute a breach of, or conflict with or constitute a default (with or without notice or lapse of time, or both) under any provision of, or require any consent or other action by any Person under, or give rise to any right of termination, cancellation or acceleration under: (i) the certificate of incorporation and by-laws or comparable organizational documents of Immedica; (ii) any Order of any Governmental Authority applicable to Immedica; or (iii) any applicable Law, except, in the case of clauses (ii) and (iii) above, where such conflict, violation or default would not reasonably be expected to materially impede or materially delay the consummation by Immedica of the Transactions or the performance of its obligations under this Agreement or any Instrument to which it is a party.

ARTICLE VI

COVENANTS

Section 6.1 Cooperation. Each of the Parties shall use commercially reasonable efforts to take, or cause to be taken, all actions and do, or cause to be done, all things necessary, proper or advisable to, in the most expeditious manner practicable, carry out the intent of this Agreement.

Section 6.2 Confidentiality. For a period of ten (10) years from and after the Closing Date, each Party shall not, and shall cause its Affiliates and Representatives not to, directly or indirectly, disclose, reveal, divulge or communicate to any Person other than the other Party or any of their respective Affiliates or Representatives, or, subject to the provisos set forth herein, use or otherwise exploit for the benefit of any Person other than the other Party or any of their respective Affiliates or Representatives, any Confidential Information of the other Party without the prior written consent of such other Party; provided, that, with respect to any Confidential Information that constitutes a trade secret under applicable Law, the obligations under this Section 6.2 shall remain in effect until such Confidential Information is no longer maintained as a trade secret under applicable Law. Neither Party shall have any obligation to keep confidential any Confidential Information if and to the extent disclosure thereof is specifically required by applicable Law; provided, that in the event disclosure is required by applicable Law, the disclosing Party shall, to the extent permissible under applicable Law, notify the other Party of such requirement prior to making any disclosure so that the other Party may seek an appropriate protective order. For purposes of this Agreement, “Confidential Information” means all confidential and proprietary information of such Party; provided, that Confidential Information of a Party shall not include, and there shall be no obligation hereunder with respect to, information that (i) is generally available to the public on the date of this Agreement, (ii) becomes generally available to the public other than as a result of a disclosure by the receiving Party or any of its Affiliates or Representatives in breach of this Section 6.2, (iii) is or becomes available to the receiving Party or any of its respective Affiliates from a source that is not known, after reasonable inquiry, by such Person to be bound by an obligation of confidentiality (provided that the provisions of this clause (iii) shall only apply to Confidential Information relating to the Acquired Assets and Assumed Liabilities to the extent that such information first becomes available after the Closing) or (iv) is independently developed by the receiving Party or any of its respective Affiliates after Closing without the use of, or reference to, the disclosing Party’s Confidential Information. For clarity, from and after Closing, Confidential Information relating to the Acquired Assets and Assumed Liabilities shall be the Confidential Information of Immedica, and Confidential Information relating to the Excluded Assets and Excluded Liabilities shall remain the Confidential Information of Aeglea. Notwithstanding anything in the foregoing to the contrary, nothing shall prevent a Party from disclosing Confidential Information that is reasonably required to be disclosed in connection with the enforcement of this Agreement or any other Instrument.

Section 6.3 Publicity. Neither Party nor their respective Affiliates shall issue any press release or public announcement concerning this Agreement or the Transaction or make any other public disclosure containing the terms of this Agreement without obtaining the prior written approval of the other Party (not to be unreasonably withheld, conditioned or delayed) unless, in the judgment of the disclosing Party, disclosure is otherwise required by applicable Law; provided, however, that if disclosure is required by applicable Law, the Parties shall, to the extent reasonably possible, provide the other Party with prompt notice of such requirements prior to making any disclosure and confer with the other Party concerning the timing and content of such required public statement before the same is made; provided, further, that Immedica may provide general information regarding this Agreement, the other Instruments and the transactions contemplated hereby and thereby to its existing or prospective investors on a confidential basis without consulting with or obtaining the consent of Aeglea. Notwithstanding the foregoing, the Parties agree that (a) Immedica may issue a press release regarding the Transaction in the form mutually agreed by the Parties prior to the date hereof, and (b) Aeglea may file a Form 8-K with the United States Securities and Exchange Commission regarding the Transaction, which 8-K may include a copy of this Agreement, *provided* that Immedica shall be afforded a reasonable opportunity to review and comment on such 8-K prior to the filing thereof, which comments Aeglea shall consider in good faith.

(a) On or as promptly as practicable after the Closing, Aeglea shall and shall cause its Subsidiaries to (i) transfer or cause to be transferred (or implement arrangements for the transfer and delivery of physical possession of) all tangible assets included in the Acquired Assets that are in the possession of Aeglea or any of its Affiliates (including, if applicable, all Inventory, Biological Materials and Transferred Documents, whether electronic or otherwise) to Immedica or its designated Representatives, and (ii) notify all of its agents and any other third parties that hold files or other tangible assets included in the Acquired Assets that, effective as of the Closing, Immedica owns such Acquired Assets, with directions to transfer such Acquired Assets to Immedica in accordance with Immedica's reasonable instructions; provided that Aeglea shall not, at Closing, be required to deliver to Immedica any information, data or files that is commingled with information, data or files pertaining to the Excluded Assets that is not reasonably practicable to identify and extract prior to Closing, in which case, as promptly as practicable following Closing, Aeglea shall deliver to Immedica such information, data or files in accordance with this Section 6.4(a), and until such delivery, Aeglea shall provide Immedica and its Affiliates reasonable access to such materials.

(b) On or as promptly as practicable after the Closing, Aeglea shall and shall cause its Subsidiaries to transfer to Immedica or its designated Representatives the Transferred Product Registrations.

(c) Without limiting Section 6.4(b), Aeglea shall (or shall cause one of its Subsidiaries to) provide to Immedica a copy of the most recent sequence submitted to the FDA with respect to the IND related to Product set forth on Schedule 6.4(c) (the "Product IND") as promptly as possible following the Closing, and in any event within five (5) days of the Closing. As soon as practicable following receipt by Immedica of such copy, on a date to be mutually agreed by Aeglea and Immedica that is no more than twenty (20) days following the Closing, (i) Aeglea shall (or shall cause one of its Subsidiaries to) file with the FDA a letter authorizing the transfer of ownership from Aeglea (or its applicable Subsidiary) to Immedica of such Product IND and (ii) Immedica shall (or shall cause one of its Subsidiaries to) execute and submit to the FDA a letter, accompanied by the transfer letter referred to in clause (i), acknowledging Immedica's commitment to assume ownership of the Product IND and commitment to the obligations and agreements therein. The parties shall use commercially reasonable efforts to take such additional actions, and execute and deliver, and file with the FDA, such additional documents, as are reasonably necessary to effect the transfer and assignment to Immedica of the Product IND as contemplated by this Section 6.4(c).

(d) With respect to the Product, from and after the Closing Date, until the later of (x) the date on which Immedica (or its applicable Affiliate) receives an assignment or transfer of the Transferred Product Registration for the Product or a replacement thereof naming Immedica (or its applicable Affiliate) as the Product Registration holder for the Product, and (y) such other date on which regulatory responsibilities are assumed by Immedica in accordance with applicable Law, Aeglea shall, with respect to the Product, operate in compliance with the terms of the relevant Transferred Product Registration, and with all applicable Law and all requirements of relevant Governmental Authorities. Until the completion of the transfer of the Transferred Product Registrations to Immedica: (i) Aeglea shall use commercially reasonable efforts to maintain the Transferred Product Registration and (ii) if and to the extent reasonably requested by Immedica, Aeglea shall use commercially reasonable efforts to pursue, in such manner as may be reasonably directed by Immedica, those ongoing variations, amendments and renewals which are pending at the Closing Date and shall not withdraw them.

(e) Immedica shall, and shall cause its Subsidiaries to, cooperate with Aeglea to deliver to Aeglea any additional documentation and materials that may be reasonably requested by Aeglea to affect the transfer of the Transferred Product Registrations to Immedica. Each of Aeglea and Immedica shall bear 50% of the cost of all fees levied by the relevant Governmental Authority in connection with the transfer of the Transferred Product Registrations pursuant to this Section 6.4.

Section 6.5 Batch Disposition. Prior to the later of (i) thirty (30) days after Closing and (ii) ten (10) days following the date on which Aeglea or its applicable Affiliate receives analysis results and batch documentation reasonably necessary to affect the following batch release, Aeglea shall, or shall cause one or more of its Subsidiaries to, perform batch disposition and release of 2 mg vials of batch number B23020012 of the Inventory produced by Aeglea or one or more of its Subsidiaries to Immedica for secondary packaging.

Section 6.6 Specified Patents.

(a) Aeglea and Immedica agree to be bound by and comply with the terms and conditions set forth on Schedule 6.6 as though set forth in full herein.

Section 6.7 Misallocated Assets. If, following the Closing, any right, property or asset not forming part of the Acquired Assets is found to have been transferred to Immedica in error, either directly or indirectly, Immedica shall (a) transfer at no cost to Aeglea, such right, property or asset (and any related Liability) as soon as practicable to one or more of Aeglea and its Subsidiaries designated by Aeglea and (b) prior to such transfer, ensure that Immedica shall, where permitted by the terms on which it has the right to such asset, hold the asset (or part thereof), and any monies, goods or other benefits arising after the Closing by virtue of it, as agent of and trustee for Aeglea and its Subsidiaries and allow Aeglea and its Subsidiaries from and after the Closing to have full enjoyment and use of such asset and Aeglea and its Subsidiaries shall bear all burdens relating to such asset. If, following the Closing, any right, property or asset forming part of the Acquired Assets is found to have been retained by Aeglea in error, either directly or indirectly, Aeglea shall (i) transfer, at no cost to Immedica, such right, property or asset (and any related Liability) as soon as practicable to Immedica and (ii) prior to such transfer, ensure that Aeglea shall where permitted by the terms on which Aeglea or its applicable Affiliate has the right to such asset, hold the asset (or part thereof), and any monies, goods or other benefits arising after the Closing by virtue of it, as agent of and trustee for Immedica and allow Immedica from and after the Closing to have full enjoyment and use of such asset and Immedica shall bear all burdens relating to such asset. For the avoidance of doubt, the Parties understand and agree that (x) the Excluded Assets are not intended to, and shall not, be transferred to Immedica and Aeglea shall retain such rights, properties and assets, and (y) the Acquired Assets are intended to, and shall, be transferred to Immedica and Immedica shall acquire such rights, properties and assets.

Section 6.8 Lien Releases. Aeglea shall provide, and shall cause its Subsidiaries to provide, all assistance reasonably requested by Immedica in connection with obtaining, effective at or as soon as possible following the Closing, appropriate termination statements under the Uniform Commercial Code (or equivalent documents pursuant to applicable Law), payoff letters and other instruments, in connection with the release of security interests or other Liens against or relating to any of the Acquired Assets.

(a)Aeglea and Immedica agree to be bound by and comply with the terms and conditions set forth on Schedule 6.9 as if set forth in full herein.

Section 6.10 Reimbursement. Following the Closing, promptly following the earlier of (a) receipt by Immedica of a positive opinion from the European Medicines Agency's Committee for Medicinal Products for Human Use recommending the granting of a marketing authorization with respect to the Product and (b) the date of vial thaw by the applicable manufacturer to Immedica of the first drug substance batch of the Product initiated by Immedica pursuant to the Fuji Scope of Work, Immedica shall, within thirty (30) days thereof, pay an amount equal to the Fuji Credit to Aeglea in cash by wire transfer of immediately available funds in accordance with written instructions furnished to Immedica by Aeglea.

Section 6.11 Delivery of Post-Closing Correspondence. Following the Closing, Aeglea shall promptly forward to Immedica any mail (including electronic mail) and other correspondence that Aeglea or any of its Subsidiaries receives after the Closing Date that is intended for the owner of the Acquired Assets, Assumed Liabilities, the Program or the Product. Following the Closing, Immedica shall promptly forward to Aeglea any mail (including electronic mail) and other correspondence that Immedica or any of its Subsidiaries receives after the Closing Date that relates to the Excluded Assets, the Excluded Liabilities or is otherwise intended for the owner of the Excluded Assets.

ARTICLE VII

INDEMNIFICATION

Section 7.1 Survival. The representations and warranties of the Parties contained in this Agreement or in any certificate or other writing delivered pursuant hereto shall survive until 5:00 p.m. Eastern Time on the twelve (12)-month anniversary of the Closing Date; provided, that (a) the representations and warranties of Aeglea contained in Sections 4.1, 4.2, 4.3, 4.4(a)(i), 4.8(b) and 4.15 and the first two sentences of Section 4.5(a) (collectively, the "Fundamental Representations") shall survive the Closing until 5:00 p.m. Eastern Time on May 22, 2026 and (b) the representations and warranties of Aeglea contained in Section 4.11 (the "IP Representations") and the representations and warranties of Aeglea contained in Section 4.8(a) shall survive the Closing until 5:00 p.m. Eastern Time on May 22, 2026 (as applicable, the "Survival Period"). The covenants and agreements of the Parties contained in this Agreement or in any certificate or other writing delivered pursuant hereto shall survive indefinitely or for such shorter period explicitly specified therein. Upon termination and expiration of any representation and warranty, covenant or agreement for the purposes of indemnification, all indemnification obligations with respect to such representation and warranty, covenant or agreement shall likewise terminate and expire, except to the extent that the Person to be indemnified pursuant to this Article VII (the "Indemnified Party") shall have (in good faith) given written notice a claim to the indemnifying party pursuant to this Article VII (the "Indemnifying Party") before termination of the applicable Survival Period, in which event the representation and warranty, covenant or agreement alleged in the claim to have been breached and any associated right to indemnification shall continue until such claim for indemnification is resolved. For the avoidance of doubt, it is the intention of the Parties that the foregoing respective Survival Periods and termination dates supersede any applicable statutes of limitations that would otherwise apply to such matters.

Section 7.2 Indemnification by Aeglea. From and after the Closing Date and subject to the provisions of this Article VII, Aeglea shall reimburse, defend, indemnify and hold Immedica and its directors, officers, employees, Affiliates, agents, attorneys and Representatives, and each of their respective successors and permitted assigns (collectively, the "Immedica Indemnified Parties") harmless from and against any and all Losses incurred, resulting or arising from or relating to:

(a) the failure of any representation or warranty of Aeglea contained in this Agreement to be true and correct as of the Closing Date (except for any such representation and warranty that addresses matters only as of a specific date, which representation and warranty shall be true and correct as of such specific date); provided that for purposes of (i) determining whether any failure of a representation or warranty to be true and correct has occurred and (ii) calculating the amount of any Losses relating thereto, in each case, the representations and warranties shall be considered and applied without regard to any reference to materiality, Material Adverse Effect or similar materiality qualification set forth therein; and provided, further, that if the absence of an asset has resulted in a failure of a representation or warranty set forth in Section 4.8(a) to be so true and correct, to the extent that such failure may be cured (in whole or in part) by the delivery of such asset to Immedica after the Closing (including by the grant of a license if such absent asset was a license), Aeglea's indemnification obligations hereunder may (but without limiting any obligation set forth in this Agreement) be cured to such extent (and only such extent) by delivery of such asset, and the remaining indemnification obligations with respect to such failure (if any) shall be satisfied in accordance with the other provisions of this Article VII;

(b) any breach of or failure to perform any covenant or obligation made or to be performed by Aeglea in this Agreement or in any certificate or other writing delivered pursuant hereto;

(c) any Excluded Asset or Excluded Liability (including, for the avoidance of doubt, in respect of any Person seeking to impose any Excluded Liability on any of the Immedica Indemnified Parties based upon any theory of successor liability or based upon any claim of fraudulent transfer or any other claim alleging that the consideration paid in connection with the consummation of the transactions contemplated hereby is insufficient for any reason); and

(d) the matters set forth on Schedule 7.2(d).

Section 7.3 Indemnification by Immedica. From and after the Closing Date and subject to the provisions of this Article VII, Immedica shall reimburse, defend, indemnify and hold each of Aeglea and its respective directors, officers, employees, Affiliates, agents, attorneys, Representatives, successors and permitted assigns (the "Aeglea Indemnified Parties") harmless from and against any and all Losses incurred, resulting or arising from or relating to:

(a) the failure of any representation or warranty of Immedica contained in this Agreement to be true and correct as of the Closing Date (except for any such representation and warranty that addresses matters only as of a specific date, which representation and warranty shall be true and correct as of such specific date);

(b) any breach of or failure to perform any covenant or obligation made by Immedica in this Agreement; and

(c) the Assumed Liabilities, except (notwithstanding anything to the contrary herein) to the extent due to the breach by Aeglea of this Agreement.

Section 7.4 Indemnification Procedures.

(a) A claim for indemnification for any matter not involving a Third-Party Claim may be asserted by prompt written notice to the Indemnifying Party, including, to the extent known, the amount of the claim or an estimate thereof, to such Indemnifying Party; provided that the failure to so notify the Indemnifying Party shall not relieve the Indemnifying Party of any indemnification obligation hereunder unless (and then solely to the extent that) the Indemnifying Party is materially prejudiced as a result of such failure.

(b) In the event that any Legal Proceedings shall be instituted, or that any claim or demand shall be asserted or threatened in writing, by any Person not party to this Agreement in respect of which an Indemnification Claim may be made under this Agreement (a "Third-Party Claim"), the Indemnified Party shall promptly cause written notice of the assertion or written threat of any Third-Party Claim of which it has knowledge that is or may be covered by this indemnity to be delivered to the Indemnifying Party; provided that the failure to so notify the Indemnifying Party shall not relieve the Indemnifying Party of any indemnification obligation hereunder unless (and then solely to the extent that) the Indemnifying Party is materially prejudiced as a result of such failure. The Indemnifying Party shall have the right, at its sole option and expense, to be represented by counsel of its choice, which must be reasonably satisfactory to the Indemnified Party, and to defend against, negotiate, settle or otherwise address any Third-Party Claim; provided, however, that prior to assuming control of such defense, the Indemnifying Party must acknowledge that it would have an indemnity obligation for the Losses resulting from such Third-Party Claim as provided under this Article VII if the material facts alleged in such Third-Party Claim at the time of its assumption of the defense are ultimately determined to be accurate; and provided, further, that the Indemnifying Party shall not be entitled to assume or maintain control of the defense of any Third-Party Claim and shall pay the fees and expenses of counsel retained by the Indemnified Party if (1) the Indemnifying Party does not deliver the acknowledgment referred to in the preceding proviso within 30 days of receipt of notice of the Third-Party Claim pursuant to this Section 7.4, (2) the Third-Party Claim is made by a Governmental Authority or relates to or arises in connection with any criminal proceeding, action, indictment, allegation or investigation, (3) the Third-Party Claim seeks an injunction or equitable relief against the Indemnified Party or any of its Affiliates, (4) the Indemnifying Party has failed or is failing to prosecute or defend vigorously the Third-Party Claim (after reasonable notice and opportunity to cure) or (5) the Third-Party Claim relates to Taxes. If the Indemnifying Party is entitled to and elects to defend against, negotiate, settle or otherwise address any Third-Party Claim, it shall within twenty (20) Business Days (or sooner, to the extent that the nature of the Third-Party Claim so requires) ("Dispute Period") notify the Indemnified Party of its intent to do so. If the Indemnifying Party shall assume the defense of any Third-Party Claim, then the Indemnified Party may participate, at his or its own expense, in the defense of such Third-Party Claim; provided, that such Indemnified Party shall be entitled to participate in any such defense with separate counsel at the expense of the Indemnifying Party if (i) requested by the Indemnifying Party to participate, (ii) the named parties to any such Third-Party Claim (including any impleaded parties) include both the Indemnifying Party and the Indemnified Party or (iii) representation of both the Indemnifying Party and the Indemnified Party by the same counsel would be inappropriate due to a conflict of interest between the Indemnified Party and the Indemnifying Party; provided, further, that the Indemnifying Party shall not be required to pay for more than one such counsel for all Indemnified Parties in connection with any Third-Party Claim. If the Indemnifying Party does not elect (if so entitled) within the Dispute Period to defend against, negotiate, settle or otherwise address any Third-Party Claim or fails

to notify the Indemnified Party of its election during the Dispute Period, the Indemnified Party shall have the right, but not the obligation, to defend against such Third-Party Claim; provided that the Indemnifying Party may nonetheless participate in the defense of such Third-Party Claim (but not control or make decisions related thereto) with its own counsel and at its own expense.

(c) If the Indemnifying Party elects to defend against, negotiate, settle or otherwise address any Third-Party Claim, the Indemnifying Party shall (i) conduct the defense of such Third-Party Claim with reasonable diligence and keep the Indemnified Party reasonably informed of material developments in the Third-Party Claim at all stages thereof; (ii) promptly submit to the Indemnified Party copies of all pleadings, responsive pleadings, motions and other similar legal documents and papers received or filed in connection therewith; (iii) permit the Indemnified Party and its counsel to confer on the conduct of the defense thereof; and (iv) permit the Indemnified Party and its counsel an opportunity to review all legal papers to be submitted prior to their submission (to the extent practical).

(d) The Parties agree to provide reasonable access to each other Party to such documents and information as may reasonably be requested in connection with the defense, negotiation or settlement of any such Third-Party Claim. The Indemnified Party shall have the right to negotiate, compromise and settle any Third-Party Claim for which the Indemnifying Party may have any Liability under this Agreement but only with the prior written consent of the Indemnifying Party (which consent shall not be unreasonably withheld, conditioned or delayed). The Indemnifying Party may not enter into any compromise or settlement of, or cease to defend against, a Third-Party Claim unless the Indemnifying Party (i) has assumed the defense of such claim pursuant to this Section 7.4 and (ii) has received the prior written consent of the Indemnified Party (which consent shall not be unreasonably withheld, conditioned or delayed). Notwithstanding the foregoing, the Indemnifying Party may enter into any compromise or settlement of any Third-Party Claim if (x) pursuant to or as a result of such compromise or settlement, (A) injunctive or other equitable relief would not be imposed against the Indemnified Party, (B) each claimant or plaintiff in such Third-Party Claim has given to the Indemnified Party an unconditional release from all Liability with respect to such Third-Party Claim, (C) a finding or admission of a violation of Law would not be made against the Indemnified Party, and (D) the Indemnified Party would not have a monetary Liability that will not be paid or reimbursed by the Indemnifying Party in full; (y) such Third-Party Claim would not reasonably be expected to have a material impact on the ongoing business of the Indemnified Party; and (z) such Third-Party Claim is not brought by a Governmental Authority.

(e) After any final non-appealable decision, judgment or award shall have been rendered by a Governmental Authority of competent jurisdiction and the expiration of the time in which to appeal therefrom, or a settlement or arbitration shall have been consummated, or the Indemnified Party and the Indemnifying Party shall have arrived at a mutually binding agreement with respect to an Indemnification Claim hereunder, the Indemnified Party shall forward to the Indemnifying Party notice of any sums due and owing by the Indemnifying Party pursuant to this Agreement with respect to such matter and the Indemnifying Party shall make prompt payment thereof by wire transfer in immediately available funds within thirty (30) days after the date of such notice or, if applicable, pursuant to the terms of the agreement reached with respect to the Indemnification Claim.

(a) Notwithstanding anything to the contrary in this Agreement, with the exception of intentional fraud and willful misconduct, no Indemnifying Party shall have any Liability for any Loss under Section 7.2(a) (other than in respect of the Fundamental Representations or the IP Representations) or Section 7.3(a) (other than in respect of the representations and warranties contained in Section 5.1, Section 5.2 and Section 5.3(i)), as applicable, (i) unless and until such Loss (or series of related Losses) equals or exceeds \$15,000 (the “De Minimis Amount”), it being understood that if such Loss (or series of related Losses) does not exceed the De Minimis Amount, such Loss (or series of related Losses) shall not be applied to or considered for purposes of calculating the aggregate amount of Losses incurred by any Indemnified Parties pursuant to the immediately following clause (ii); and (ii) unless the aggregate amount of all Losses incurred by the Immedica Indemnified Parties under Section 7.2(a) (other than in respect of the Fundamental Representations or the IP Representations) or the Aeglea Indemnified Parties under Section 7.3(a) (other than in respect of the representations and warranties contained in Section 5.1, Section 5.2 and Section 5.3(i)), as applicable, exceeds \$300,000 (the “Basket”), it being understood that if such Losses exceed the Basket, the applicable Indemnifying Party shall be obligated for only the Losses of the applicable Indemnified Parties in excess of the Basket.

(b) Notwithstanding anything to the contrary in this Agreement, with the exception of intentional fraud and willful misconduct, (i) Aeglea’s maximum aggregate Liability to the Immedica Indemnified Parties for any Loss under Section 7.2 (except for Sections 7.2(b) and 7.2(d), and except for Section 7.2(a) with respect to Fundamental Representations, IP Representations and the representations and warranties contained in Section 4.8(a)) shall not exceed \$1,800,000 *plus* 15% of the aggregate Milestone Payments received or that become payable to Aeglea (calculated prior to giving effect to any Milestone Set-Off); (ii) Aeglea’s maximum aggregate Liability to the Immedica Indemnified Parties for any Loss under Section 7.2(a) with respect to the representations and warranties contained in Section 4.8(a) shall not exceed \$2,400,000 *plus* 20% of the aggregate Milestone Payments that become payable to Aeglea (calculated prior to giving effect to any Milestone Set-Off); (iii) Aeglea’s maximum aggregate Liability to the Immedica Indemnified Parties for any Loss under Section 7.2(a) with respect to IP Representations shall not exceed \$3,600,000 *plus* 30% of the aggregate Milestone Payments that become payable to Aeglea (calculated prior to giving effect to any Milestone Set-Off); (iv) Aeglea’s maximum aggregate Liability to the Immedica Indemnified Parties for all Losses under Section 7.2(a) with respect to Fundamental Representations, Section 7.2(b) and Section 7.2(d) shall not exceed the Initial Payment *plus* 100% of the aggregate Milestone Payments that become payable to Aeglea (calculated prior to giving effect to any Milestone Set-Off).

(c) Aeglea agrees that if a Third-Party Claim is made against an Immedica Indemnified Party concerning an Excluded Asset or Excluded Liability, Aeglea shall, at its sole cost and expense, (i) communicate to the Person making such Third-Party Claim that Aeglea (rather than such Immedica Indemnified Party) is responsible for or otherwise liable in respect of such Excluded Asset or Excluded Liability (and otherwise acknowledge that Aeglea rather than such Immedica Indemnified Party is the appropriate party in interest) and (ii) use commercially reasonable efforts to cause such Immedica Indemnified Party to be released or otherwise dismissed from such Third-Party Claim and any related Legal Proceeding.

(d) With respect to any Milestone Set-Off pursuant to Section 1.2(e) (and subject to the limitations set forth in Sections 7.5(a) and 7.5(b) and the terms of Section 1.2(e)), if at the time any Milestone Payment is due and payable (or any portion of the Specified Patents Holdback Amount continues to be held back in accordance with Section 1.2(f)), there shall be any outstanding Indemnification Claim delivered in accordance with Section 7.4, the amount of Losses with respect to which shall not have been finally determined in accordance with this Article VII, then Immedica shall be entitled, but shall not be required, to withhold from such Available Remedy Amount, the amount of Losses the applicable Immedica

Indemnified Party reasonably estimates to be subject to such Indemnification Claim. If the final amount of Losses for such Indemnification Claim is determined in accordance with this Article VII to be less than the amount withheld from such Available Remedy Amount, then Immedica shall promptly, and in any event within five (5) Business Days following the final determination of the amount of such Losses, deliver the difference to Aeglea by wire transfer of immediately available funds to an account designated in writing by Aeglea (provided that no amount set off against the Specified Patents Holdback Amount shall be required to be so delivered to Aeglea unless, prior to such time, the Specified Patents Holdback Amount was required to be released to Aeglea in accordance with the last sentence of Section 1.2(f)). If the final amount of Losses for such Indemnification Claim is determined in accordance with this Article VII to exceed the amount by which such Available Remedy Amount was reduced for such claim, then Immedica shall continue to be entitled to indemnification for the amount of such excess subject to the terms and conditions of this Article VII.

(e) In no event shall any Indemnifying Party have Liability to any Indemnified Party for any consequential, special, incidental, indirect, punitive or exemplary damages, except, in each case of the foregoing damages, to the extent (i) any of the foregoing are payable to a Third Party pursuant to a Third-Party Claim, (ii) in the case of consequential or indirect damages, to the extent such damages are the reasonably foreseeable result of the event that gave rise thereto or the matter for which indemnification is sought hereunder, (iii) arising under Section 7.2(d) or (iv) any of the foregoing arise as a result of intentional fraud or willful misconduct by the Indemnifying Party. No Indemnified Party shall be entitled to recover from an Indemnifying Party more than once in respect of Losses resulting from a single or series of related claims. Any Liability for indemnification hereunder shall be determined without duplication of recovery by reason of state of facts giving rise to such Liability constituting a breach of more than one representation, warranty, covenant or agreement.

(f) The amount of any and all Losses under this Article VII shall be determined net of (i) any Tax benefit actually realized by the applicable Indemnified Parties in the form of Tax refunds received or a reduction of Taxes otherwise owed in the taxable year of such Losses, and (ii) any insurance proceeds actually received by the applicable Indemnified Parties in connection with the facts giving rise to the right of indemnification (net of any costs of recovery, deductibles or increased premiums as a result of paying such insurance claims), it being agreed that if third-party insurance or indemnification proceeds in respect of such facts are recovered by the Indemnified Party subsequent to the Indemnifying Party's making of an indemnification payment in satisfaction of its applicable indemnification obligation, such proceeds shall be promptly remitted to the Indemnifying Party to the extent of the indemnification payment made. The Parties shall make commercially reasonable efforts to mitigate any Losses subject to an Indemnification Claim in accordance with applicable Law; provided, that (A) no Party is required to bring any suit, action or proceeding in connection with such mitigation and (B) any Liability of any Indemnifying Party under this Agreement for Losses suffered or incurred by the Indemnified Party shall include the reasonable costs and expenses suffered or incurred by the Indemnified Party in performing its mitigation obligations hereunder.

Section 7.6 Sources of Recovery. The Milestone Set-off shall be the sole and exclusive recourse for any and all payments that may become owing to the Immedica Indemnified Parties pursuant to a claim for indemnification under this Article VII (other than (A) pursuant to Section 7.2(d), (B) pursuant to Section 7.2(b) with respect to any breach of or failure to perform any covenant or obligation contained in this Agreement that by its terms contemplates performance thereof following the Closing and such breach remains uncured for a period greater than sixty (60) days after Immedica provides written notice of such breach, and (C) with respect to willful misconduct or intentional fraud (collectively, the "Excluded Indemnity Matters")); provided that (i) the Immedica Indemnified Parties shall not be entitled to recover

any Loss (or series of related Losses) against Aeglea or any of its Subsidiaries (other than by means of a Milestone-Setoff) with respect to an Excluded Indemnity Matter referred to in the foregoing clause (B) unless and until such Loss (or series of related Losses) equals or exceeds \$100,000 and (ii) following May 22, 2026, the Immedica Indemnified Parties shall not be entitled to recover any Loss against Aeglea or any of its Subsidiaries (other than by means of a Milestone-Setoff) with respect to an Excluded Indemnity Matter referred to in the foregoing clause (A), except to the extent an Indemnification Claim in respect of such Loss was first made prior May 22, 2026 (it being understood, for the avoidance of doubt, that nothing in this proviso shall limit or otherwise affect an Immedica Indemnified Party's rights to recover Losses at any time with respect to an Excluded Indemnity Matter by means of a Milestone-Setoff). No claim for indemnification under this Article VII by the Immedica Indemnified Parties shall be asserted against, and the Immedica Indemnified Parties shall not be entitled to indemnification from, Aeglea or any of its Subsidiaries for a claim for indemnification under Article VII (other than in respect of the Excluded Indemnity Matters, but subject to the proviso in this Section 7.6) except to the extent such recourse is limited to Milestone Set-Offs. For the avoidance of doubt, nothing in this Section 7.6 shall limit or otherwise affect Immedica's right to specific performance as provided in Section 9.3.

Section 7.7 Exclusive Remedy. Following the Closing Date, the sole and exclusive remedy of any Indemnified Parties for any Losses (including any Losses from claims for breach of contract, warranty, tortious conduct (including negligence) or otherwise and whether predicated on common Law, statute, strict liability or otherwise) that each Party may at any time suffer or incur, or become subject to, as a result of, or in connection with this Agreement, including any inaccuracy or breach of any representation and warranty contained in this Agreement by any Party, or any failure by any Party to perform or comply with any covenant or agreement that, by its terms, was to have been performed, or complied with, under this Agreement, shall be indemnification in accordance with this Article VII and any Milestone Set-Off pursuant to Section 1.2(e), except with respect to any claim based on intentional fraud or willful misconduct or claims for specific performance pursuant to Section 9.3, injunction or other equitable relief. For the avoidance of doubt, the limitations set forth in this Article VII shall not apply to claims for intentional fraud or willful misconduct.

ARTICLE VIII

TAX MATTERS

Section 8.1 Tax Matters; Cooperation. Each Party shall cooperate fully, as and to the extent reasonably requested by the other Party, in connection with the filing of Tax Returns, making of elections and any audit or other Legal Proceeding with respect to Taxes attributable to the Acquired Assets. Such cooperation shall include the retention and (upon any other Party's request) the provision of records and information that are reasonably relevant to any such audit or other Legal Proceeding for a period of at least six (6) years following the Closing Date. On or after the end of such period, each Party shall provide the other with at least ten (10) days' prior written notice before destroying any such books and records, during which period the Party receiving such notice can elect to take possession, at its own expense, of such books and records. Each Party shall make employees available on a mutually convenient basis to provide additional information and explanation of any material provided hereunder. Each Party agrees, upon reasonable request, to use their commercially reasonable efforts to obtain any certificate or other document from any Governmental Authority or any other Person as may be necessary to mitigate, reduce or eliminate any Tax that could be imposed (including with respect to the Transaction). The Parties shall cooperate with each other in the conduct of any audit or other proceeding relating to Taxes involving the Acquired Assets.

Section 8.2 Allocation of Purchase Price; Treatment of Milestone Payments. The Initial Payment, and any Milestone Payments, for the Acquired Assets shall be allocated as determined by the mutual agreement of the Parties. The Parties shall provide such information as any of them shall reasonably request. The Parties shall (a) prepare each report relating to the federal, state and local and other tax consequences of the purchase and sale contemplated hereby in a manner consistent herewith and (b) not take any position in any tax filing, return, proceeding, audit or otherwise which is inconsistent with the position of the other parties unless permitted to do so by Law. The Parties agree and acknowledge that any Milestone Payments shall be treated for all applicable Tax purposes as additional purchase price for the Acquired Assets, except as otherwise required by applicable Law (including Section 483 of the Code)

Section 8.3 Transfer Taxes. Aeglea and Immedica shall be each responsible for 50% of any Transfer Taxes in connection with the sale and purchase of the Acquired Assets, regardless of the Person liable for such Transfer Taxes under applicable Law, and the Parties shall work together to timely file or caused to be filed all necessary documents (including all Tax Returns) with respect to such Transfer Taxes.

Section 8.4 Apportioned Obligations.

(a) All personal property Taxes and similar ad valorem obligations levied with respect to the Acquired Assets for a taxable period which includes (but does not end on) the Closing Date (collectively, the “Apportioned Obligations”) shall be apportioned between Aeglea and Immedica based on the number of days of such taxable period up to and including the Closing Date (any such portion of such taxable period, the “Pre-Closing Tax Period”) and the number of days of such taxable period after the Closing Date (any such portion of such taxable period, the “Post-Closing Tax Period”). Aeglea shall be liable for the proportionate amount of such Taxes that is attributable to the Pre-Closing Tax Period, and Immedica shall be liable for the proportionate amount of such Taxes that is attributable to the Post-Closing Tax Period.

(b) Apportioned Obligations shall be timely paid, and all applicable filings, reports and returns shall be filed, as provided by applicable Law.

(c) The paying party of any Transfer Tax or Apportioned Obligation shall be entitled to reimbursement from the non-paying party in accordance with Section 8.3 and Section 8.4(a), respectively. Upon payment of any such Transfer Tax or Apportioned Obligation, the paying party shall present a statement to the non-paying party setting forth the amount of reimbursement to which the paying party is entitled under Section 8.3 and Section 8.4(a), respectively, together with such supporting evidence as is reasonably necessary to calculate the amount to be reimbursed. The non-paying party shall make such reimbursement promptly but in no event later than ten (10) days after the presentation of such statement.

Section 8.5 Withholding. Immedica and its Affiliates shall be entitled to deduct and withhold from any consideration payable hereunder, or other payment otherwise payable pursuant to this Agreement, the amounts required to be deducted and withheld under applicable Law. Immedica shall use commercially reasonable efforts (a) to provide prompt notice to Aeglea if Immedica determines that any payment required to be made by Immedica or any of its Affiliates is subject to any such deduction or withholding, and (b) to cooperate with Aeglea to reduce or eliminate such deduction or withholding. Any amounts so withheld shall be paid over to the appropriate Governmental Authority, and shall be treated for all purposes of this Agreement as having been paid to the applicable Person in respect to which such deduction and withholding was made.

ARTICLE IX
MISCELLANEOUS

Section 9.1 Expenses. Except as specifically provided to the contrary in this Agreement, all costs and expenses incurred in connection with the negotiation and execution of this Agreement, and the other Instruments, and the consummation of the Transaction shall be paid by the Party incurring such costs and expenses, whether or not the Transaction is consummated.

Section 9.2 Governing Law. This Agreement and all Legal Proceedings relating to, arising out of or under or in connection with this Agreement and the Transaction, including the negotiation, execution and performance hereunder, shall be governed by, and construed in accordance with, the Laws of the State of New York, regardless of the Laws that might otherwise govern under applicable principles of choice of Law or conflicts of Law rules or provisions thereof to the extent they would result in the application of the Laws of another jurisdiction.

Section 9.3 Specific Performance. Each of Aeglea and Immedica acknowledges and agrees that any breach of this Agreement may give rise to irreparable harm for which monetary damages would not be an adequate remedy. Each Party accordingly agrees that, in addition to any other remedies available under applicable Law or this Agreement, each of Immedica and Aeglea shall be entitled to seek enforcement of the terms of this Agreement by decree of specific performance without the necessity of proving the inadequacy of monetary damages as a remedy and to obtain injunctive relief against any breach or threatened breach of this Agreement. Any Party seeking an injunction or injunctions to prevent breaches of this Agreement and to enforce specifically the terms and provisions of this Agreement shall not be required to provide any bond or other security in connection with such order or injunction. The rights and remedies provided for pursuant to this Section 9.3 are cumulative to, and not exclusive of, any rights or remedies otherwise available hereunder.

Section 9.4 Jurisdiction. The Parties agree that any Legal Proceeding seeking to enforce any provision of, or based on any matter arising out of or in connection with, this Agreement or the Transaction shall be brought exclusively in the United States District Court for the Southern District of New York or any New York State court sitting in New York City, Borough of Manhattan, so long as one of such courts shall have subject matter jurisdiction over such Legal Proceeding, and that any cause of action arising out of this Agreement shall be deemed to have arisen from a transaction of business in the State of New York, and each of the Parties hereby irrevocably consents to the jurisdiction of such courts (and of the appropriate appellate courts therefrom) in any such Legal Proceeding and irrevocably waives, to the fullest extent permitted by Law, any objection that it may now or hereafter have to the laying of the venue of any such Legal Proceeding in any such court or that any such Legal Proceeding brought in any such court has been brought in an inconvenient forum. Process in any such Legal Proceeding may be served on any Party anywhere in the world, whether within or without the jurisdiction of any such court. Without limiting the foregoing, each Party agrees that service of process on such party as provided in Section 9.9 shall be deemed effective service of process on such party.

Section 9.5 WAIVER OF JURY TRIAL. EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATED TO THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY.

Section 9.6 Entire Agreement. This Agreement (including all Exhibits and Schedules hereto) and other documents and instruments delivered pursuant hereto constitute the entire agreement and supersede all prior representations, agreements, understandings and undertakings, both written and oral, between the Parties, with respect to the subject matter hereof, including the License Agreement, and no Party is relying on any prior oral or written representations, agreements, understandings or undertakings with respect to the subject matter hereof and thereof.

Section 9.7 License Agreement. The Parties hereby agree that, as of Closing, (i) the License Agreement is hereby terminated in full, (ii) no rights or obligations (including any rights or obligations that purport to survive termination of the License Agreement) of either Party under the License Agreement shall survive such termination, (provided, that Immedica shall remain responsible for the payment of the invoices set forth in Schedule 9.7), and (iii) the License Agreement shall have no further force or effect. For clarity, nothing in this Section 9.7 will be construed to limit or modify a Party's rights or obligations pursuant to this Agreement or any other Instrument.

(a) Aeglea, on behalf of itself, its Affiliates and its and their current and former officers, employees, stockholders, agents, representatives, attorneys, successors and assigns (collectively, the "Aeglea Releasing Parties"), hereby irrevocably and unconditionally releases and forever discharges Immedica and its Affiliates and their current and former officers, directors, stockholders, employees, agents, representatives and attorneys (collectively, the "Immedica Releasees"), or any of them, from any and all Losses of any nature whatsoever, known or unknown, liquidated or unliquidated, suspected or unsuspected, fixed or contingent, in law or in equity, arising under or in connection with the License Agreement that the Aeglea Releasing Parties now have, own or hold, or at any time heretofore ever had, owned or held or could have had, owned or held against the Immedica Releasees, except for the payment of the invoices set forth in Schedule 9.7 and for any and all Losses arising from intentional fraud or willful misconduct of the Immedica Releasees.

(b) Immedica, on behalf of itself, its Affiliates and its and their current and former officers, employees, stockholders, agents, representatives, attorneys, successors and assigns (collectively, the "Immedica Releasing Parties"), hereby irrevocably and unconditionally releases and forever discharges Aeglea and its Affiliates and their current and former officers, directors, stockholders, employees, agents, representatives and attorneys (collectively, the "Aeglea Releasees"), or any of them, from any and all Losses of any nature whatsoever, known or unknown, liquidated or unliquidated, suspected or unsuspected, fixed or contingent, in law or in equity, arising under or in connection with the License Agreement that the Immedica Releasing Parties now have, own or hold, or at any time heretofore ever had, owned or held or could have had, owned or held against the Aeglea Releasees, except for any and all Losses arising from intentional fraud or willful misconduct by the Aeglea Releasees.

Section 9.8 Amendments and Waivers. This Agreement can be amended, supplemented or changed, and any provision hereof can be waived, only by written instrument making specific reference to this Agreement signed by the Party against whom enforcement of any such amendment, supplement, modification or waiver is sought. The waiver by any Party of a breach of any provision of this Agreement shall not operate or be construed as a further or continuing waiver of such breach or as a waiver of any other or subsequent breach. No failure on the part of any Party to exercise, and no delay in exercising, any right, power or remedy hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of such right, power or remedy by such Party preclude any other or further exercise thereof or the exercise of any other right, power or remedy.

Section 9.9 Notices. All notices or other communications which are required or permitted hereunder shall be in writing and sufficient if delivered personally or sent by nationally recognized overnight courier or by registered or certified mail, postage prepaid, return receipt requested, or by email, as follows:

If to Aeglea, to:

Aeglea BioTherapeutics, Inc.
221 Crescent Street
Building 17, Suite 102B
Waltham, MA 02453
Attn: Jonathan Alspaugh
Email: [*]

and by email to:

Aeglea BioTherapeutics, Inc.
Attn: General Counsel
Email: bd@aeglea.com

If to Immedica, to:

Immedica Pharma AB
Solnavägen 3H, 116 63
Stockholm, Sweden
Attention: Chief Executive Officer; General Counsel
Email: corporate@immedica.com; legal@immedica.com

With a copy (which shall not constitute notice) to:

Davis Polk & Wardwell LLP
450 Lexington Ave.
New York, New York 10017
Attention: William Chudd
Email: william.chudd@davispolk.com

or to such other address as the Party to whom notice is to be given may have furnished to the other Party in writing in accordance herewith. All such notices and other communications required or permitted by this Agreement shall be deemed to have been duly given (a) if sent to a recipient at the proper address as determined pursuant to this Section 9.9, by registered or certified mail, return receipt requested, five calendar days after being deposited in the United States mail, postage prepaid; (b) if sent by Express Mail, Federal Express or similar reputable overnight delivery service that maintains records of receipt for next Business Day delivery, the next Business Day after being entrusted to such service, with delivery charges prepaid or charged to the sender's account; (c) if sent by email, on the date of transmission with electronic confirmation of transmission; and (d) if delivered by hand, on the date of delivery.

Section 9.10 Severability. If any term or other provision of this Agreement is held by a court of competent jurisdiction or other Governmental Authority to be invalid, illegal or incapable of being enforced under any applicable Law or public policy, all other terms or provisions of this Agreement shall nevertheless remain in full force and effect so long as the economic or legal substance of the Transaction is not affected in any manner materially adverse to any Party. Upon such determination that any term or other provision is invalid, illegal or incapable of being enforced, the Parties shall negotiate in good faith to modify this Agreement so as to affect the original intent of the Parties as closely as possible in an acceptable manner in order that the Transaction is consummated as originally contemplated to the greatest extent possible.

Section 9.11 No Third-Party Beneficiaries. Nothing in this Agreement shall create or be deemed to create any third-party beneficiary rights in any Person that is not a Party (or its permitted successors and assigns) except with respect to indemnification as contemplated by Section 7.2 and Section 7.3.

Section 9.12 Bulk Sales Laws. Immedica and Aeglea each hereby waive compliance by Aeglea with the provisions of the “bulk sales,” “bulk transfer” or similar laws of any state. Aeglea agrees to indemnify and hold the Immedica Indemnified Parties harmless against any and all Losses (including any Taxes) incurred or suffered by any Immedica Indemnified Party as a result of any failure to comply with any such “bulk sales,” “bulk transfer” or similar laws.

Section 9.13 Assignment. The provisions of this Agreement shall be binding upon and inure to the benefit of the Parties and their respective successors and permitted assigns. No Party may assign or transfer this Agreement or any rights or obligations hereunder, directly or indirectly (by operation of Law or otherwise), without the prior written approval of the other Parties and any attempted assignment without such required approval shall be null, void and of no effect; provided, that (a) Aeglea may assign its rights, interests, and obligations hereunder to an Affiliate of Aeglea or to any successor in interest (whether by merger, acquisition, asset purchase or otherwise) to all or substantially all of its business, in each case without Immedica’s prior written approval, and (b) Immedica may assign its rights, interests, and obligations hereunder (in whole and not in part) to a wholly owned Affiliate of Immedica without Aeglea’s prior written approval; provided that any such assignment or designation pursuant to the foregoing clause (a) or (b) shall not relieve the assigning Party of any of its obligations hereunder or otherwise adversely affect the other Party or any of its Affiliates. Upon any permitted assignment, the references in this Agreement to a Party shall also apply to any such assignee unless the context otherwise requires.

Section 9.14 Neutral Construction. The Parties have participated jointly in the negotiation and drafting of this Agreement and, in the event an ambiguity or question of intent or interpretation arises, this Agreement shall be construed as jointly drafted by the Parties and no presumption or burden of proof shall arise favoring or disfavoring any Party by virtue of the authorship of any provision of this Agreement.

Section 9.15 Counterparts; Effectiveness. This Agreement may be executed and delivered in one or more counterparts, and by the different Parties in separate counterparts, each of which when executed and delivered shall be deemed to be an original but all of which taken together shall constitute one and the same agreement, with the same effect as if the signatures thereto were upon the same instrument. Counterparts may be delivered via electronic mail (including .pdf or any electronic signature complying with the U.S. federal ESIGN Act of 2000 (e.g., www.docusign.com)) or other transmission method and any counterpart so delivered shall be deemed to have been duly and validly delivered and be valid and effective as delivery of a manually executed counterpart of this Agreement. Each of the Parties represents that it has undertaken commercially reasonable steps to verify the identity of each individual person executing any such counterparts via electronic signature on behalf of such Party and has and will maintain sufficient records of the same. This Agreement shall become effective when each Party shall have received a counterpart hereof signed by all of the other Parties. Until and unless each Party has received a counterpart hereof signed by each other Party, this Agreement shall have no effect and no Party shall have any right or obligation hereunder (whether by virtue of any other oral or written agreement or other communication).

[Signature Pages Follow]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective officers thereunto duly authorized, as of the date first written above.

IMMEDICA PHARMA AB

By: _____
Name:
Title:

AEGLEA BIOTHERAPEUTICS, INC.

By: _____
Name:
Title:

[Signature Page to Asset Purchase Agreement]

Exhibit A

Definitions; Interpretations

(a) For purposes of this Agreement, the following terms shall have the meanings specified in this Exhibit A, and the terms defined in Schedule 1.2 shall have the meanings specified in such Schedule. Further, those additional capitalized terms not defined in this Exhibit A or Schedule 1.2 shall have the meaning as set forth in the Agreement.

“ADA Assays” means the assays used in connection with the Program for anti-drug antibody testing developed pursuant to that certain Master Services Agreement by and between Aeglea and BioAgilytix Labs, LLC, dated as of October 16, 2015.

“Affiliate” means, with respect to a Person, any other Person that controls, is controlled by, or is under common control with such Person. For purposes of this definition, “control” when used with respect to any Person means the power to direct the management and policies of such Person, directly or indirectly, whether through the ownership of voting securities, by contract or otherwise, and the terms “controlling” and “controlled” have correlative meanings.

“Assigned Contracts” means the Contracts set forth on Schedule 2.1(b)(ii), including all amendments and supplements thereto and all Statements of Work and Purchase Orders thereunder.

“Assigned Intellectual Property” means, any and all Intellectual Property that is owned by Aeglea or any of its Subsidiaries and used or held for use in, or otherwise related to, the conduct of the Program or any Exploitation of the Product as of the Closing, including the Intellectual Property listed on Schedule 2.1(b)(i)(A), but excluding the ADA Assays.

“Assigned Patents” means any and all Patents included in the Assigned Intellectual Property.

“Biological Materials” means any biological substances and materials, including any tissues, cells, cell lines, organisms, blood samples, genetic material, antibodies, and plasmids, in each case relating exclusively to the Product or held for exclusive use in the Program. For the sake of clarity, human tissue samples taken from a human patient in the context of a Clinical Study with respect to a Product or a Program do not relate exclusively to such Product or such Program.

“Bayh Dole Act” means the Bayh-Dole Act, 35 U.S.C. § 200-211 together with all regulations implementing the same, including 37 CFR 401, as each may be amended from time to time.

“BLA” means a Biologics License Application (as defined in 21 C.F.R. 600 et. seq.) filed with the FDA, and any amendments thereto.

“Business Day” means any day of the year on which national banking institutions in New York, U.S. and Stockholm, Sweden are open to the public for conducting business and are not required or authorized by applicable Law to close.

“Clinical Study” means any investigation in human subjects intended to determine the clinical pharmacological, pharmacokinetic, and/or other pharmacodynamic effects of an investigational agent, and/or to identify any adverse reactions to an investigational agent to assess the agent’s safety and efficacy.

“Code” means the Internal Revenue Code of 1986, as amended.

“Contract” means any written or oral agreement, contract, indenture, note, mortgage, loan, instrument, license, guarantee, bond, lease, commitment, understanding or undertaking.

“CPRIT Technology” means (i) all Patents set forth on Schedule 2.1(b)(i)(C) and (ii) any and all data generated pursuant to that certain Cancer Research Grant Contract between AERase, Inc. and Cancer Prevention and Research Institute of Texas dated as of June 1, 2014.

“Documents” means all files, documents (including all documents related to past or present preclinical and clinical trials, nonclinical studies and stability studies, in each case in both raw data and processed data (i.e., JMP file) form), instruments, papers, books, reports (including clinical, preclinical and nonclinical reports, and all data sets associated with such reports), records, budgets, forecasts, ledgers, journals, supplier lists, customer data, operating data and plans (including all launch preparation documentation), technical documentation, and other similar materials, and specifically including the label components with respect to the Product, the safety database for the Product (including all source data, related correspondence with the FDA and any similar information), all information, reports, records, data or materials relating to quality assurance matters with respect to the Product, in each case whether in hard copy or electronic format; provided, that “Documents” does not include Product Registrations or Permits.

“Environmental Law” means any applicable Law relating to the protection of the environment or the handling, treatment, storage, disposal or release of hazardous substances, wastes or materials.

“Expenses” means any and all expenses, costs, claims, demands, assessments, judgments, penalties and fees (including reasonable attorneys’ and other professionals’ fees and disbursements).

“Exploit” means to research, have researched, develop, have developed, use, have used, make, have made, sell, have sold, offer for sale, have offered for sale, commercialize, have commercialized, import, have imported, export, have exported, register, have registered, and otherwise exploit or have exploited. “Exploitation” has a correlative meaning.

“FD&C Act” means the United States Federal Food, Drug, and Cosmetic Act, as amended, and the rules and regulations promulgated thereunder.

“FDA” means the United States Food and Drug Administration or any successor agency thereto.

“Fuji Credit” means [*] to be paid by Aeglea to Fujifilm pursuant to the Fuji Scope of Work for services not yet rendered.

“Fuji Scope of Work” means that certain Scope of Work 7 entitled “Manufacturing Pre-Production, cGMP Production, Testing and Disposition for AEB1101,” with Program Reference R2841.03, by and between Fujifilm and Aeglea dated as of November 27, 2022.

“Fujifilm” means Fujifilm Diosynth Biotechnologies U.S.A., Inc.

“Governmental Authority” means any nation or government or governmental or regulatory body thereof, or political subdivision thereof, whether federal, state, local or foreign, or any agency, instrumentality or authority thereof, or any court or arbitrator (public or private) or any other entity exercising executive, judicial, legislative, regulatory or administrative functions of or pertaining to regulation or to government.

“**IND**” means an Investigational New Drug Application submitted under Section 505(i) of the FD&C Act, or an analogous application or submission with any analogous agency or Regulatory Authority outside of the United States for the purposes of obtaining permission to conduct clinical trials.

“**Indebtedness**” means any amount owed by Aeglea or any of its Subsidiaries (including (i) unpaid principal, (ii) unpaid interest, (iii) premium thereon (including make-whole premiums) and (iv) prepayment penalties, breakage costs, fees, expenses or similar charges arising as a result of the discharge of such amount owed), without duplication, in respect of: (a) obligations of Aeglea or any of its Subsidiaries for borrowed money (including the current portion thereof) and related accrued interest payable in respect of such borrowed money, (b) obligations of Aeglea or any of its Subsidiaries evidenced by bonds, notes, debentures or other similar instruments (including a purchase money obligation), (c) all reimbursement obligations of Aeglea or any of its Subsidiaries relating to letters of credit, bankers’ acceptances, surety, performance bonds or other bonds or similar instruments to the extent called, drawn or otherwise due, (d) capitalized lease obligations of Aeglea or any of its Subsidiaries (including the current portion thereof) and related accrued interest payable in respect of such obligations, (e) all guarantees, including guarantees of any items set forth in clauses (a) through (d) and (f) obligations of Aeglea or any of its Subsidiaries that are secured in whole or in part by the assets of Aeglea or any of its Subsidiaries.

“**Indemnification Claim**” means any claim in respect of which payment may be sought under Article VII of this Agreement.

“**Intellectual Property**” means any and all intellectual property rights or similar proprietary rights throughout the world, including all (i) Patents, (ii) Trademarks, (iii) copyrights and moral rights, including registrations or applications for registrations thereof and all renewals, extensions, restorations and reversions of the foregoing (“**Copyrights**”), (iv) Know-How, (v) database rights, industrial designs, industrial property rights, publicity rights and privacy rights and (vi) rights to assert, claim or sue and collect damages for the past, present or future infringement, misappropriation or other violation of any of the foregoing.

“**Inventory**” means all inventory of the Product owned by Aeglea or its Subsidiaries as of the Closing Date, wherever located, including all finished goods, work in process, raw materials, cell banks, vials and other reagents, starting materials, and intermediates from the synthesis of Product.

“**Inventory Specifications**” means the applicable specifications and standards set forth in the Marketing Authorization Application (EMA/H/C/005484) submitted by Immedica to the European Medicines Agency with respect to the Product.

“**IP Assignment Agreement**” means the Intellectual Property Assignment Agreement to be entered into between Aeglea (or an Affiliate thereof) and Immedica (or an Affiliate thereof) at the Closing in substantially the form attached hereto as Exhibit B.

“**Know-How**” means any and all know-how, trade secrets, data, results, technology, business or financial information or information of any type whatsoever, in any tangible or intangible form, including practices, techniques, methods, assays, techniques, processes, protocols, inventions, discoveries, improvements, developments, specifications, formulations, formulae, algorithms, marketing reports, business plans, expertise, technology, software, test data (including pharmacological, biological, chemical, biochemical, medical, toxicological, preclinical, and clinical test data and any other research or development data), standard operating procedures, manufacturing records, stability data and other study data and procedures.

“Knowledge” means the actual knowledge of each of Jonathan Alspaugh, Cortney Caudill and Jim Kastenmayer, after reasonable inquiry of each such individual’s direct reports.

“Law” means any foreign, federal, state and local law (including common law), statute, code, ordinance, rule, regulation (including zoning and building code), permit, legislation, injunction, judgment, decree, ruling, Order or other requirement of any Governmental Authority or any securities exchange upon which a Party is listed or becomes listed.

“Legal Proceeding” means any judicial, administrative or arbitral actions, suits, mediations, audits, investigations, inquiries, hearings, proceedings (public or private), litigation, complaints, allegations, demands, charges, grievances, prosecutions or claims (including counterclaims).

“Liability” means any debt, liability or obligation (whether direct or indirect, absolute or contingent, accrued or unaccrued, known or unknown, liquidated or unliquidated, or due or to become due) and including all costs and expenses relating thereto.

“Lien” means any lien, encumbrance, pledge, mortgage, deed of trust, security interest, charge, condition, restriction, covenant, license, purchase option, lease, sublease or other third-party right, right of first refusal, easement, right of way, servitude, transfer restriction, encroachment, reservation or title defect of any kind or nature.

“Losses” means all damages, losses, claims, Liabilities, charges, fines, penalties, diminution in value, lost profits, judgments, amounts paid in settlement, costs and Expenses (including reasonable expenses of investigation and reasonable attorneys’ fees and expenses in connection with any Legal Proceeding, whether involving a Third-Party Claim or a claim solely between the parties hereto to enforce the provisions hereof).

“Material Adverse Effect” means any fact, event, change, development, condition, circumstance or effect that, individually or in the aggregate, (A) has, or would reasonably be expected to have, a material adverse effect on the Program, the Product and the Acquired Assets taken as a whole, or (B) prevents or materially impairs or delays, would be reasonably expected to prevent or materially impair or delay, the ability of Aeglea to perform its obligations hereunder, including the consummation of the Transaction; provided that, in the case of clause (A) above, “Material Adverse Effect” shall not include any such fact, event, change, development, condition, circumstance or effect to the extent it results from (i) global or national political conditions, including the outbreak or escalation of war or terrorist activities, (ii) global or national economic, monetary, or financial conditions, including changes in prevailing interest rates, credit markets, or financial market conditions in or affecting the United States, (iii) changes in applicable Law (or the interpretations thereof) or GAAP (or the interpretations of), (iv) the taking of any action specifically required to be taken by this Agreement or taken by any Party or any of its Affiliates or any of their respective Affiliates with the prior written consent or at the written request of the other Party, (v) earthquakes, hurricanes, tsunamis, typhoons, lightning, hailstorms, blizzards, tornadoes, droughts, floods, cyclones, arctic frosts, mudslides, wildfires and other natural disasters and weather conditions, (vi) impacts on relationships with suppliers, employees, labor organizations, or Governmental Authorities, in each case attributable to the execution, announcement or pendency of this Agreement or the Transaction, or (vii) changes generally in the life sciences and healthcare industries; except to the extent, in the case of clauses (i), (ii), (iii), (v) and (vii), such fact, event, change, development, condition, circumstance or effect disproportionately affects the Program, the Product or the Acquired Assets, relative to other participants in the industry or industries in which the Program operates.

“Order” means any order, injunction, judgment, decree, determination, ruling, writ, assessment or arbitration or other award of a Governmental Authority.

“Ordinary Course of Business” means, with respect to any Person or business, the ordinary course of business of such Person and its Affiliates or such business, in each case, consistent with past practices.

“Patents” means any and all patents (which shall include invention patents, utility models, design patents, industrial designs, and priority rights), applications for patents, invention disclosures, provisional applications, substitutions, supplementary protection certificates, reissues, reexaminations, renewals, revisions, extensions, divisionals, continuations, continuations-in-part, inventors’ certificates, utility certificates, patents or certificates of addition, inventors’ certificates of addition, and utility certificates of addition and other indices of invention ownership and the right to claim priority to any part of the foregoing.

“Permits” means any approvals, authorizations, consents, licenses, permits or certificates (including certificates of occupancy) of a Governmental Authority.

“Permitted Liens” means (i) Liens for Taxes, assessments or other governmental charges or levies not yet due or payable or that are being contested in good faith by appropriate Legal Proceedings and for which adequate reserves have been set aside in the relevant financial statements in accordance with generally applicable accounting principles; (ii) statutory Liens of landlords and mechanics’, carriers’, warehousemen’s, workers’, repairers’ and similar Liens imposed by applicable Law or arising or incurred in the Ordinary Course of Business with respect to amounts not yet due and payable or being contested in good faith by appropriate Legal Proceedings; (iii) Liens incurred or deposits made in the Ordinary Course of Business in connection with workers’ compensation, unemployment insurance or other types of social security; (iv) rights under the Specified Patents licensed to the U.S. Federal Government on a non-exclusive basis pursuant to the Bayh Dole Act; (v) rights under the CPRIT Technology licensed to the Cancer Prevention and Research Institute of Texas on a non-exclusive basis pursuant to that certain Cancer Research Grant Contract between AERase, Inc. and Cancer Prevention and Research Institute of Texas dated as of June 1, 2014; and (vi) non-exclusive licenses that were entered into by Aeglea or any of its Subsidiaries in the Ordinary Course of Business and where the grant of rights to use any Intellectual Property is solely for any performance of services under each such agreement.

“Person” means any individual, corporation, limited liability company, partnership, firm, joint venture, association, joint-stock company, trust, unincorporated organization, Governmental Authority or other entity.

“Product” means any pharmaceutical product containing, incorporating or comprising pegzilarginase (CAS Registry Number: 1659310-95-8) whether as the sole pharmaceutical ingredient, or in combination with other active pharmaceutical ingredients, in any form, formulation, mode of administration, presentation or dosage form.

“Product Registrations” means (i) any approvals, clearances, registrations, licenses, listings, permits, investigational new drug exemptions, orphan drug designations, rare pediatric disease designations, clinical trial authorizations or marketing authorizations, together with any supplements or amendments thereto (collectively, “Approvals”), whether existing, pending or issued or in draft form, to Aeglea or an Affiliate of Aeglea by the relevant Governmental Authority prior to the Closing Date related to the research, development, manufacture, importation, distribution, marketing and/or sale of the Product, (ii) any rights that Aeglea or a Subsidiary of Aeglea has in any Approval referred to in clause (i) of this definition under any agreement pursuant to which any such Approval is held in the name of a third person,

(iii) any regulatory applications, submissions, dossiers, notifications, registrations, decisions, correspondence or other filings made to or with a Regulatory Authority with respect to the Product or the Program, (iv) supporting documentation in Aeglea's or an Affiliate of Aeglea's files with respect to any of the foregoing clauses (i)-(iii), including annual reports and adverse event reports and (v) as applicable, complete and accurate electronic copies of all items referred to in the foregoing clauses (i)-(iv). The Product Registrations shall include INDs, Regulatory Approvals and the pricing and reimbursement approval (if applicable or available) and all national drug code numbers (if any) assigned to the Product.

“Program Contract” means any Contract that is primarily related to, or otherwise material to, the Product or the Program.

“Regulatory Approvals” means, with respect to the Product in any country or jurisdiction, any approval (including where required, pricing and reimbursement approvals), registration, license or authorization that is required by the applicable Governmental Authority to market and sell the Product in such country or jurisdiction.

“Regulatory Authority” means, with respect to a country, any national (e.g., the FDA), supra-national (e.g., the European Commission, the Council of the European Union, or the European Medicines Agency), regional, state or local regulatory agency, department, bureau, commission, council or other Governmental Authority involved in the granting of a Regulatory Approval or, to the extent required in such country, price approval, for biological or pharmaceutical Product in such country.

“Representatives” means, with respect to any Person, such Person's directors, officers, employees, attorneys, counsel, consultants, advisors, financing sources, accountants, auditors, authorized representatives, agents or Affiliates.

“Subsidiary” means, with respect to any Person, any entity of which securities or other ownership interests having ordinary voting power to elect a majority of the board of directors or other persons performing similar functions are at the time directly or indirectly owned by such first Person.

“Tax Return” means any return (including any information return), report, statement, schedule, notice, form or other document or information filed with or submitted to, or required to be filed with or submitted to, any Taxing Authority in connection with the determination, assessment, collection or payment of any Tax or in connection with the administration, implementation or enforcement of or compliance with any Law relating to any Tax.

“Taxes” means (I) any and all federal, state, local or foreign taxes, charges, fees, imposts, levies or other assessments, including all net income, gross receipts, capital, sales, use, ad valorem, value added, transfer, franchise, profits, inventory, capital stock, license, withholding, payroll, employment, social security, unemployment, excise, severance, stamp, occupation, property and estimated taxes, customs duties, fees, assessments and charges of any kind whatsoever, together with any such Liabilities for any other Person, whether arising by reason of consolidated, combined, or similar Tax Returns, as a transferee, by contract, by operation of Law, or otherwise; and (ii) all interest, penalties, fines, additions to tax or additional amounts imposed by any Taxing Authority in connection with any item described in clause (i) above.

“Taxing Authority” means any Governmental Authority responsible for the administration of any Tax.

“Third Party” means any Person other than the Parties or any of their respective Affiliates.

“Trademarks” means any and all trademarks, service marks, logos, slogans, trade names, trade dress, internet domain names, social media handles, and any other indicator of the source of origin of goods or services, including all applications and registrations of, and all goodwill associated with, the foregoing.

“Transaction” means the purchase and sale of the Acquired Assets and the assumption of the Assumed Liabilities as contemplated by this Agreement.

“Transfer Taxes” means any and all sale, use, stamp, documentary, filing, recording, transfer, gross receipts, registration, duty or similar fees or Taxes or governmental charges (together with any interest or penalty, addition to tax or additional amount imposed) as levied by any Taxing Authority on the purchase and sale of the Acquired Assets.

“United States” or “U.S.” means the United States of America and its territories, possessions and commonwealths.

(b) Other Definitional and Interpretive Matters. Unless otherwise expressly provided, for purposes of this Agreement, the following rules of interpretation shall apply:

(i) Calculation of Time Periods. When calculating the period of time before which, within which or following which any act is to be done or step taken pursuant to this Agreement, the date that is the reference date in calculating such period shall be excluded. If the last day of such period is a non-Business Day, the period in question shall end on the next succeeding Business Day.

(ii) Currency. Unless otherwise specified in this Agreement, all references to “\$” and dollars set forth herein shall mean United States (U.S.) dollars.

(iii) Exhibits/Schedules. The Exhibits and Schedules to this Agreement are an integral part of this Agreement and are hereby incorporated herein and made a part hereof as if set forth herein. Any capitalized terms used in any Exhibit or Schedule but not otherwise defined therein shall be defined as set forth in this Agreement. The representations and warranties contained in Article IV are qualified by reference to the Schedules attached hereto and referred to in Article IV (collectively, the “Disclosure Schedule”). The Parties acknowledge and agree that (i) the Disclosure Schedule may include items or information that Aeglea is not required to disclose under this Agreement, (ii) disclosure of such items or information shall not be deemed to expand the scope of the representations and warranties of Aeglea under this Agreement, (iii) inclusion of information in the Disclosure Schedule shall not be construed as an admission that such information is necessarily material in any respect and (iv) reference in a particular Section of the Disclosure Schedule shall only be deemed to be an exception to (or, as applicable, a disclosure for purposes of) (A) the representations and warranties (or covenants and agreements, as applicable) of Aeglea that are contained in the corresponding Section of this Agreement and (B) any other representation and warranty (or covenant and agreement, as applicable) of Aeglea that is contained in this Agreement, but only if the relevance of that reference as an exception to (or a disclosure for purposes of) such representation and warranty (or covenant and agreement, as applicable) would be reasonably apparent to a reasonable person without any independent knowledge regarding the matter(s) so disclosed.

(iv) Gender and Number. Any reference in this Agreement to gender shall include all genders, and words imparting the singular number only shall include the plural and vice versa.

(v) Headings. The provision of the Table of Contents, the division of this Agreement into Articles, Sections and other subdivisions and the insertion of headings are for convenience of reference only and shall not affect or be utilized in construing or interpreting this Agreement. All references in this Agreement to any “Article,” “Section” or other subdivision are to the corresponding Article, Section or other subdivision of this Agreement unless otherwise specified.

(vi) Herein. Words such as “herein,” “hereinafter,” “hereof,” “hereunder” and “hereto” refer to this Agreement as a whole and not merely to a subdivision in which such words appear unless the context otherwise requires.

(vii) Including. The word “including” or any variation thereof means “including without limitation,” unless otherwise specified and shall not be construed to limit any general statement that it follows to the specific or similar items or matters immediately following it.

(viii) Other. The word “or” shall be exclusive; references to “written” or “in writing” include in electronic form (including email); any reference to “days” means calendar days unless Business Days are expressly specified; and references to any statute, rule, regulation, law or applicable Law shall be deemed to refer to all applicable Laws as amended or supplemented from time to time and to any rules, regulations and interpretations promulgated thereunder.

Exhibit B

IP Assignment Agreement

B-1

Exhibit C

Specified Patent Assignment Agreement

C-1

Exhibit D

Specified Patent License Agreement

D-1

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the use in this Registration Statement on Form S-1 of Aeglea BioTherapeutics, Inc. of our report dated March 2, 2023, except for the effects of the reverse stock split discussed in Note 14 to the consolidated financial statements, as to which the date is November 15, 2023 relating to the financial statements of Aeglea BioTherapeutics, Inc., which appears in this Registration Statement. We also consent to the reference to us under the heading “Experts” in such Registration Statement.

/s/ PricewaterhouseCoopers LLP
Austin, Texas
November 15, 2023

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the use in this Registration Statement on Form S-1 of Aeglea BioTherapeutics, Inc. of our report dated October 6, 2023 relating to the Statement of Assets Acquired and Liabilities Assumed from Spyre Therapeutics, Inc. by Aeglea BioTherapeutics, Inc., which appears in this Registration Statement. We also consent to the reference to us under the heading “Experts” in such Registration Statement.

/s/ PricewaterhouseCoopers LLP
Austin, Texas
November 15, 2023

Calculation of Filing Fee Tables
FORM S-1
(Form Type)

Aeglea BioTherapeutics, Inc.
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

	Security Type	Security Class Title	Fee Calculation or Carry Forward Rule	Amount Registered	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee	Carry Forward Form Type	Carry Forward File Number	Carry Forward Initial effective date	Filing Fee Previously Paid In Connection with Unsold Securities to be Carried Forward
Newly Registered Securities												
Fees to Be Paid	Equity	Common stock, par value \$0.0001 per share ⁽¹⁾	Rule 457(c)	18,809,064 ⁽²⁾	\$8.96 ⁽³⁾	\$168,529,213.44 ⁽³⁾	0.0001476	\$24,874.91				
Carry Forward Securities												
Carry Forward Securities	N/A	N/A	N/A	N/A		N/A			N/A	N/A	N/A	N/A
	Total Offering Amounts					\$		\$24,874.91				
	Total Fees Previously Paid							\$60,570.57 ⁽⁴⁾				
	Total Fee Offsets							—				
	Net Fee Due							\$0				

- (1) Pursuant to Rule 416 under the Securities Act of 1933, as amended, this registration statement also covers such an indeterminate amount of shares of common stock as may become issuable to prevent dilution resulting from stock splits, stock dividends and similar events.
- (2) The amount registered consists of up to (i) 8,864 shares of Common Stock, and (ii) 18,800,200 shares of Common Stock issuable upon the conversion of 470,005 shares of Series A Preferred Stock.
- (3) Estimated solely for the purpose of calculating the registration fee, based on the average of the high and low prices of the shares of common stock on The Nasdaq Capital Market on November 10, 2023 (such date being within five business days of the date that this registration statement was first filed with the Securities and Exchange Commission, in accordance with Rule 457(c) under the Securities Act).
- (4) The registrant previously paid \$60,570.57 in connection with the initial filing of this registration statement on Form S-1 (333-273769) originally filed on Form S-3 with the Securities and Exchange Commission on August 7, 2023.