

Aeglea BioTherapeutics, Inc.  
Form S-8  
March 13, 2018

As filed with the Securities and Exchange Commission on March 13, 2018

Registration No. 333-

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

AEGLEA BIOTHERAPEUTICS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware	46-4312787
(State or Other Jurisdiction of Incorporation or Organization)	(I.R.S. Employer Identification No.)

901 S. MoPac Expressway

Barton Oaks Plaza One

Suite 250

Austin, TX 78746

(512) 942-2935

(Address of Principal Executive Offices) (Zip Code)

2016 Equity Incentive Plan

2018 Inducement Plan

(Full Title of the Plans)

Anthony Quinn, Ph.D.

Interim Chief Executive Officer

Aeglea BioTherapeutics, Inc.

901 S. MoPac Expressway

Barton Oaks Plaza One

Suite 250

Austin, TX 78746

(Name and Address of Agent for Service)

(512) 942-2935

(Telephone Number, including area code, of agent for service)

Copies to:

Robert A. Freedman, Esq.

Fenwick & West LLP

555 California Street

San Francisco, CA 94104

(415) 875-2300

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

Large accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company)

Accelerated filer

Smaller reporting company

Emerging growth company

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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.

CALCULATION OF REGISTRATION FEE

Title of Securities To Be Registered	Proposed Maximum		Proposed Maximum	
	Amount To Be Registered (1)	Offering Price Per Share (2)	Aggregate Offering Price	Amount of Registration Fee
Common Stock, \$0.0001 par value per share				
—2016 Equity Incentive Plan	666,807 (3)	\$7.26	\$4,841,019	\$603
—2018 Equity Inducement Plan	1,100,000 (4)	\$7.26	\$7,986,000	\$995
<b>TOTAL</b>	<b>1,766,807</b>	<b>N/A</b>	<b>\$12,827,019</b>	<b>\$1,598</b>

(1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the “Securities Act”), this Registration Statement shall also cover any additional shares of the Registrant’s Common Stock that become issuable under the

Registrant's 2016 Equity Incentive Plan (the "2016 Plan") and 2018 Equity Inducement Plan (the "2018 Plan") by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the Registrant's receipt of consideration that increases the number of the outstanding shares of the Registrant's Common Stock.

- (2) Estimated in accordance with Rules 457(c) and 457(h) solely for the purpose of calculating the registration fee. The proposed maximum offering price per share of \$7.26 was computed by averaging the high and low prices of a share of Registrant's common stock as reported on The Nasdaq Global Select Market on March 6, 2018.
  - (3) Represents shares to be registered and available for grant under the 2016 Plan resulting from the annual 4% increase in the number of authorized shares available for issuance under the 2016 Plan.
  - (4) Represents shares of Common Stock reserved for issuance upon the exercise of stock options and the settlement of restricted stock unit awards under the Registrant's 2018 Plan to be granted by the Registrant to certain employees as a material inducement to their acceptance of employment with the Registrant in accordance with Nasdaq Listing Rule 5635(c)(4).
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EXPLANATORY NOTE

Aeglea BioTherapeutics, Inc. (the “Registrant”) is filing this Registration Statement with the Securities and Exchange Commission (the “Commission”) to register (a) 666,807 additional shares of Common Stock under the Registrant’s 2016 Equity Incentive Plan (the “2016 Plan”), pursuant to the provision of the 2016 Plan providing for an annual 4% increase in the number of shares reserved for issuance, and (b) 1,100,000 shares of Common Stock that may be issued pursuant to the Registrant’s 2018 Equity Inducement Plan to be granted by the Registrant to certain employees as a material inducement to their acceptance of employment with the Registrant in accordance with Nasdaq Listing Rule 5635(c)(4).

In accordance with General Instruction E of Form S-8, and only with respect to the Common Stock issuable under the 2016 Plan, this Registration Statement hereby incorporates by reference the contents of the Registrant’s Registration Statements on Form S-8 filed with the Commission on April 7, 2016 (Registration No. 333-210633), March 23, 2017 (Registration No. 333-216903), to the extent not superseded hereby.

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## PART I

### INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

The documents containing the information required by Part I of Form S-8 (plan information and registrant information and employee plan annual information) will be sent or given to employees as specified by Rule 428(b)(1) of the Securities Act of 1933 (the "Securities Act"). Such documents need not be filed with the Commission either as part of this Registration Statement or as prospectuses or prospectus supplements pursuant to Rule 424 of the Securities Act. These documents and the documents incorporated by reference in this Registration Statement pursuant to Item 3 of Part II, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.

## PART II

### Information Required in the Registration Statement

#### Item 3. Incorporation of Documents by Reference.

The following documents filed by the Registrant with the Commission pursuant to the Securities Act and the Securities Exchange Act of 1934, as amended (the "Exchange Act") are incorporated herein by reference:

- (a) the Registrant's Annual Report on Form 10-K for the year ended December 31, 2017 filed with the Commission on March 13, 2018 pursuant to Section 13 of the Exchange Act;
- (b) all other reports filed pursuant to Section 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the Registrant's Annual Report on Form 10-K referred to in (a) above; and
- (c) the description of the Registrant's common stock contained in the Registrant's registration statement on Form 8-A (File No. 001- 37722) filed on March 28, 2016 under Section 12(b) of the Exchange Act, including any amendment or report filed for the purpose of updating such description.

All documents filed by the Registrant pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the filing of this Registration Statement and prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference into this Registration Statement and to be a part hereof from the date of filing such documents, except as to specific sections of such documents as set forth therein. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained in any subsequently filed document which also is deemed to be incorporated by reference herein modifies or supersedes such statement.

#### Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

Item 6. Indemnification of Directors and Officers.

Section 145 of the Delaware General Corporation Law 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 Delaware General Corporation Law are sufficiently broad to permit indemnification under certain circumstances for liabilities, including reimbursement of expenses incurred, arising under the Securities Act of 1933, as amended, or the Securities Act.

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As permitted by the Delaware General Corporation Law, the Registrant's restated 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 Delaware General Corporation Law (regarding unlawful dividends and stock purchases); or
- any transaction from which the director derived an improper personal benefit.

As permitted by the Delaware General Corporation Law, the Registrant's restated bylaws provide that:

- the Registrant is required to indemnify its directors and executive officers to the fullest extent permitted by the Delaware General Corporation Law, subject to very limited exceptions;
- the Registrant may indemnify its other employees and agents as set forth in the Delaware General Corporation Law;
- 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 Delaware General Corporation Law, subject to very limited exceptions; and
- the rights conferred in the restated 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 restated certificate of incorporation and restated 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 restated certificate of incorporation, restated bylaws and the indemnification 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. One of the Registrant's directors, Armen Shanafelt, is also indemnified by his employer with regard to his service on the Registrant's board of directors. See also the undertakings set out in response to Item 9 of this Registration Statement.

Item 7. Exemption From Registration Claimed.

Not applicable.

Item 8. Exhibits.

Exhibit Number	Exhibit Description	Incorporated by Reference		Filed Herewith
		File Form No.	Filing Exhibit Date	
5.1	<u>Opinion and Consent of Fenwick &amp; West LLP.</u>			X
23.1	<u>Consent of PricewaterhouseCoopers LLP, independent registered public accounting firm.</u>			X
23.2	<u>Consent of Fenwick &amp; West LLP (contained in Exhibit 5.1).</u>			X

24.1	<u>Power of Attorney (incorporated by reference to Page II-3 of this Registration Statement).</u>	X
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Exhibit Number	Exhibit Description	Incorporated by Reference			Filed	
		Form	File No.	Exhibit	Filing Date	Herewith
99.1	<u>2016 Equity Incentive Plan</u>	S-1	333-205001	10.3	March 28, 2016	
99.2	<u>2018 Equity Inducement Plan</u>					X

Item 9. 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 this 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 this 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 Commission 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 "Calculation of Registration 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 this Registration Statement or any material change to such information in this Registration Statement;

provided, however, that paragraphs A(1)(i) and A(1)(ii) of this section do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this 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 herein, 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.

B. The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the Registration Statement 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.

C. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that, in the opinion of the Commission, such indemnification is against public policy as expressed

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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.

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SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Austin, Texas, on this 13th day of March, 2018.

AEGLEA BIOTHERAPEUTICS, INC.

By: /s/ Anthony Quinn, M.B. Ch.B, Ph.D.  
 Anthony Quinn, M.B. Ch.B, Ph.D.  
 Interim Chief Executive Officer and Director

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Anthony Quinn and Charles N. York II, and each of them, as his or her true and lawful attorney-in-fact and agent with full power of substitution, for him or her in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-8, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully for all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, or his or her substitute, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this Registration Statement has been signed by the following persons in the capacities and on the date indicated.

Signature	Title	Date
/s/ Anthony Quinn, M.B. Ch.B, Ph.D.	Interim Chief Executive Officer and Director	March 13, 2018
Anthony Quinn, M.B. Ch.B, Ph.D.	(Principal Executive Officer)	
/s/ Charles N. York II	Chief Financial Officer and Vice President	March 13, 2018
Charles N. York II	(Principal Accounting Officer and Principal Financial Officer)	
/s/ Suzanne Bruhn, Ph.D.	Director	March 13, 2018

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Suzanne Bruhn, Ph.D.

/s/ Russell J. Cox

Director

March  
13,  
2018

Russell J. Cox

/s/ George Georgiou, Ph.D.

Director

March  
13,  
2018

George Georgiou, Ph.D.

/s/ Sandesh Mahatme, LLM

Director

March  
13,  
2018

Sandesh Mahatme, LLM

/s/ Armen Shanafelt, Ph.D.

Director

March  
13,  
2018

Armen Shanafelt, Ph.D.