UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8 REGISTRATION STATEMENT

UNDER
THE SECURITIES ACT OF 1933

ATARA BIOTHERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization) 46-0920988 (I.R.S. Employer Identification Number)

2380 Conejo Spectrum Street, Suite 200
Thousand Oaks, California 91320
(805) 623-4211
(Address, including zip code and telephone number, of Registrant's principal executive offices)

Atara Biotherapeutics, Inc. 2014 Employee Stock Purchase Plan

Pascal Touchon
Chief Executive Officer
2380 Conejo Spectrum Street, Suite 200
Thousand Oaks, California 91320
(805) 623-4211

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

Copies to:

Eric Hyllengren Chief Financial Officer 2380 Conejo Spectrum Street, Suite 200 Thousand Oaks, California 91320 (805) 623-4211 Carlton Fleming Sidley Austin LLP 555 California Street, Suite 2000 San Francisco, California 94104 (415) 772-1200

| he definitions of "large a | 2 | erated filer, an accelerated filer, anon-accelerated filer, or a smaller reporting company. See "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 | X |
| | | Emerging growth company | |
| 0 00 | 1 | e registrant has elected not to use the extended transition period for complying with any new o Section $7(a)(2)(B)$ of the Securities Act. \Box | |

EXPLANATORY NOTE

Atara Biotherapeutics, Inc. (the "*Registrant*") is filing this Registration Statement on Form S-8 for the purpose of registering an additional 1,000,000 shares of Common Stock, \$0.0001 par value per share, of the Registrant (the "*Common Stock*"), issuable to eligible persons under the Atara Biotherapeutics, Inc. 2014 Employee Stock Purchase Plan, as amended (the "*2014 ESPP*"), which Common Stock is in addition to the shares of Common Stock registered on the Registrant's Form S-8 filed on October 21, 2014 (File No. 333-199508), Form S-8 filed on May 12, 2015 (File No. 333-204076), Form S-8 filed on March 4, 2016 (File No. 333-209961), Form S-8 filed on August 7, 2017 (File No. 333-219763), Form S-8 filed on February 27, 2018 (File No. 333-223254), Form S-8 filed on February 26, 2019 (File No. 333-229861), Form S-8 filed on February 27, 2020 (File No. 333-236704), Form S-8 filed on March 1, 2021 (File No. 333-253734), Form S-8 filed on February 28, 2022 (File No. 333-263109), Form S-8 filed on February 9, 2023 (File No. 333-269647) and Form S-8 filed on January 3, 2024 (File No. 333-276360).

PART II

ITEM 3. INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The following documents filed by the Registrant with the Securities and Exchange Commission (the 'SEC") are incorporated by reference into this Registration Statement:

- (a) The contents of the earlier registration statements on FormS-8 relating to the 2014 ESPP, previously filed with the SEC on October 21, 2014 (File No. 333-199508), May 12, 2015 (File No. 333-204076), March 4, 2016 (File No. 333-209961), November 4, 2016 (File No. 333-214431), August 7, 2017 (File No. 333-219763), February 27, 2018 (File No. 333-223254), February 26, 2019 (File No. 333-229861), February 27, 2020 (File No. 333-236704), March 1, 2021 (File No. 333-253734), February 28, 2022 (File No. 333-263109), February 9, 2023 (File No. 333-269647) and January 3, 2024 (File No. 333-276360).
- (b) The Registrant's Annual Report on Form 10-K for the year ended December 31, 2023, which includes audited financial statements for the Registrant's latest fiscal year, filed with the SEC on March 28, 2024 (the "2023 Form 10-K").
- (c) The Registrant's Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2024, filed with the SEC on May 9, 2024.
- (d) The Registrant's Current Reports on Form 8-K, filed with the SEC on <u>January 8, 2024</u>, <u>January 9, 2024</u>, <u>February 23, 2024</u>, <u>March 29, 2024</u>, and <u>June 11, 2024</u>.
- (e) The description of the Common Stock contained in the Registrant's Registration Statement on Form 8-A, filed with the SEC on July 16, 2014, including any amendments or reports filed for the purposes of updating this description, including Exhibit 4.5 to the 2023 Form 10-K.
- (f) All other reports and documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended (other than Current Reports furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits furnished on such form that relate to such items) on or after the date of this Registration Statement and prior to the filing of a post-effective amendment to this Registration Statement which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference herein and to be a part of this Registration Statement from the date of the filing of such reports and documents. 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 herein or in any subsequently filed document that also is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement

ITEM 8. EXHIBITS

| Exhibit Number | Description |
|-------------------|--|
| 4.1 (1) | Amended and Restated Certificate of Incorporation of Atara Biotherapeutics, Inc. |
| 4.2 (2) | Second Amended and Restated Bylaws of Atara Biotherapeutics, Inc. |
| 4.3 (3) | Form of common stock certificate. |
| 4.4 * | Atara Biotherapeutics, Inc. 2014 Employee Stock Purchase Plan. |
| 5.1 * | Opinion of Sidley Austin LLP. |
| 23.1 * | Consent of Sidley Austin LLP (included in Exhibit 5.1). |
| 23.2 * | Consent of Deloitte & Touche LLP, independent registered public accounting firm. |
| 24.1 * | Power of Attorney (included on the signature page of this Form S-8). |
| 107 * | Calculation of Filing Fee Table. |
| | |

⁽¹⁾ Filed as Exhibit 3.2 to Registrant's Registration Statement on Form S-1 (File No. 333-196936), filed with the SEC on June 20, 2014, and incorporated herein by reference.

⁽²⁾ Filed as Exhibit 3.1 to Registrant's Registration Statement on Form 8-K (File No. 001-36548), filed with the SEC on September 27, 2022, and incorporated herein by reference.

⁽³⁾ Filed as Exhibit 4.1 to Registrant's Registration Statement on Form S-1 (File No. 333-196936), filed with the SEC on July 10, 2014, and incorporated herein by reference.

^{*} Filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, 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 the City of Thousand Oaks, State of California, on this 11th day of June, 2024.

ATARA BIOTHERAPEUTICS, INC.

By: /s/ Pascal Touchon

Pascal Touchon
President and Chief Executive Officer

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Pascal Touchon and Eric Hyllengren, and each of them, as his or her true and lawful attorneys-in-fact and agents, each with the full power of substitution, for him or her and in his or her name, place or stead, in any and all capacities, to sign any and all amendments to this Registration Statement (including post-effective amendments), and to sign any registration statement for the same offering covered by this Registration Statement that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act, and all post-effective amendments thereto, and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or their, his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

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

| Signature | <u>Title</u> | <u>Date</u> | |
|---|--|---------------|--|
| /s/ Pascal Touchon Pascal Touchon, D.V.M. | President, Chief Executive Officer and Director (Principal Executive Officer) | June 10, 2024 | |
| /s/ Eric Hyllengren Eric Hyllengren | Chief Financial Officer (Principal Financial and Accounting Officer) | June 10, 2024 | |
| /s/ Carol G. Gallagher Carol G. Gallagher, Pharm.D. | Chairman of the Board | June 10, 2024 | |
| /s/ Matthew K. Fust Matthew K. Fust | Director | June 10, 2024 | |
| /s/ William K. Heiden William K. Heiden | Director | June 10, 2024 | |
| /s/ Ameet Mallik Ameet Mallik | Director | June 10, 2024 | |
| /s/ Mariam Grazia Roncarolo Maria Grazia Roncarolo, M.D. | Director | June 10, 2024 | |

ATARA BIOTHERAPEUTICS, INC.

2014 EMPLOYEE STOCK PURCHASE PLAN

1. GENERAL: PURPOSE.

- (a) The Plan provides a means by which Eligible Employees of the Company and certain designated Related Corporations may be given an opportunity to purchase shares of Common Stock. The Plan permits the Company to grant a series of Purchase Rights to Eligible Employees under an Employee Stock Purchase Plan.
- (b) The Company, by means of the Plan, seeks to retain the services of such Employees, to secure and retain the services of new Employees and to provide incentives for such persons to exert maximum efforts for the success of the Company and its Related Corporations.

2. ADMINISTRATION.

- (a) The Board will administer the Plan unless and until the Board delegates administration of the Plan to a Committee or Committees, as provided in Section 2(c).
 - (b) The Board will have the power, subject to, and within the limitations of, the express provisions of the Plan:
 - (i) To determine how and when Purchase Rights will be granted and the provisions of each Offering (which need not be identical).
 - (ii) To designate from time to time which Related Corporations of the Company will be eligible to participate in the Plan.
- (iii) To construe and interpret the Plan and Purchase Rights, and to establish, amend and revoke rules and regulations for its administration. The Board, in the exercise of this power, may correct any defect, omission or inconsistency in the Plan, in a manner and to the extent it deems necessary or expedient to make the Plan fully effective.
 - (iv) To settle all controversies regarding the Plan and Purchase Rights granted under the Plan.
 - (v) To suspend or terminate the Plan at any time as provided in Section 12.
 - (vi) To amend the Plan at any time as provided in Section 12.
- (vii) Generally, to exercise such powers and to perform such acts as it deems necessary or expedient to promote the best interests of the Company and its Related Corporations and to carry out the intent that the Plan be treated as an Employee Stock Purchase Plan.
- (viii) To adopt such procedures and sub-plans as are necessary or appropriate to permit participation in the Plan by Employees who are foreign nationals or employed outside the United States.
- (c) The Board may delegate some or all of the administration of the Plan to a Committee or Committees. If administration is delegated to a Committee, the Committee will have, in connection with the administration of the Plan, the powers theretofore possessed by the Board that have been delegated to the Committee, including the power to delegate to a subcommittee any of the administrative powers the Committee is authorized to exercise (and references in this Plan to the Board will thereafter be to the Committee or subcommittee), subject, however, to such resolutions, not inconsistent with the provisions of the Plan, as may be adopted from time to time by the Board may retain the authority to concurrently administer the Plan with the Committee and may, at any time, revest in the Board some or all of the powers previously delegated. Whether or not the Board has delegated administration of the Plan to a Committee, the Board will have the final power to determine all questions of policy and expediency that may arise in the administration of the Plan.

(d) All determinations, interpretations and constructions made by the Board in good faith will not be subject to review by any person and will be final, binding and conclusive on all persons.

3. SHARES OF COMMON STOCK SUBJECT TO THE PLAN.

- (a) Subject to the provisions of Section 11(a) relating to Capitalization Adjustments, the maximum number of shares of Common Stock that may be issued under the Plan will not exceed 3,509,818 shares of Common Stock.
- (b) If any Purchase Right granted under the Plan terminates without having been exercised in full, the shares of Common Stock not purchased under such Purchase Right will again become available for issuance under the Plan.
- (c) The stock purchasable under the Plan will be shares of authorized but unissued or reacquired Common Stock, including shares repurchased by the Company on the open market.

4. GRANT OF PURCHASE RIGHTS; OFFERING.

- (a) The Board may from time to time grant or provide for the grant of Purchase Rights to Eligible Employees under an Offering (consisting of one or more Purchase Periods) on an Offering Date or Offering Dates selected by the Board. Each Offering will be in such form and will contain such terms and conditions as the Board will deem appropriate, and will comply with the requirement of Section 423(b)(5) of the Code that all Employees granted Purchase Rights will have the same rights and privileges. The terms and conditions of an Offering shall be incorporated by reference into the Plan and treated as part of the Plan. The provisions of separate Offerings need not be identical, but each Offering will include (through incorporation of the provisions of this Plan by reference in the document comprising the Offering or otherwise) the period during which the Offering will be effective, which period will not exceed 27 months beginning with the Offering Date, and the substance of the provisions contained in Sections 5 through 8, inclusive.
- (b) If a Participant has more than one Purchase Right outstanding under the Plan, unless he or she otherwise indicates in forms delivered to the Company: (i) each form will apply to all of his or her Purchase Rights under the Plan, and (ii) a Purchase Right with a lower exercise price (or an earlier-granted Purchase Right, if different Purchase Rights have identical exercise prices) will be exercised to the fullest possible extent before a Purchase Right with a higher exercise price (or a later-granted Purchase Right if different Purchase Rights have identical exercise prices) will be exercised.
- (c) The Board will have the discretion to structure an Offering so that if the Fair Market Value of a share of Common Stock on the first Trading Day of a new Purchase Period within that Offering is less than or equal to the Fair Market Value of a share of Common Stock on the Offering Date for that Offering, then (i) that Offering will terminate immediately as of that first Trading Day, and (ii) the Participants in such terminated Offering will be automatically enrolled in a new Offering beginning on the first Trading Day of such new Purchase Period.

5. ELIGIBILITY.

(a) Purchase Rights may be granted only to Employees of the Company or, as the Board may designate in accordance with Section 2(b), to Employees of a Related Corporation. Except as provided in Section 5(b), an Employee will not be eligible to be granted Purchase Rights unless, on the Offering Date, the Employee has been in the employ of the Company or the Related Corporation, as the case may be, for such continuous period preceding such Offering Date as the Board may require, but in no event will the required period of continuous employment be equal to or greater than two years. In addition, the Board may provide that no Employee will be eligible to be granted Purchase Rights under the Plan unless, on the Offering Date, such Employee's customary employment with the Company or the Related Corporation is more than 20 hours per week and more than five months per calendar year or such other criteria as the Board may determine consistent with Section 423 of the Code.

- (b) The Board may provide that each person who, during the course of an Offering, first becomes an Eligible Employee will, on a date or dates specified in the Offering which coincides with the day on which such person becomes an Eligible Employee or which occurs thereafter, receive a Purchase Right under that Offering, which Purchase Right will thereafter be deemed to be a part of that Offering. Such Purchase Right will have the same characteristics as any Purchase Rights originally granted under that Offering, as described herein, except that:
- (i) the date on which such Purchase Right is granted will be the "Offering Date" of such Purchase Right for all purposes, including determination of the exercise price of such Purchase Right;
- (ii) the period of the Offering with respect to such Purchase Right will begin on its Offering Date and end coincident with the end of such Offering; and
- (iii) the Board may provide that if such person first becomes an Eligible Employee within a specified period of time before the end of the Offering, he or she will not receive any Purchase Right under that Offering.
- (c) No Employee will be eligible for the grant of any Purchase Rights if, immediately after any such Purchase Rights are granted, such Employee owns stock possessing five percent or more of the total combined voting power or value of all classes of stock of the Company or of any Related Corporation. For purposes of this Section 5(c), the rules of Section 424(d) of the Code will apply in determining the stock ownership of any Employee, and stock which such Employee may purchase under all outstanding Purchase Rights and options will be treated as stock owned by such Employee.
- (d) As specified by Section 423(b)(8) of the Code, an Eligible Employee may be granted Purchase Rights only if such Purchase Rights, together with any other rights granted under all Employee Stock Purchase Plans of the Company and any Related Corporations, do not permit such Eligible Employee's rights to purchase stock of the Company or any Related Corporation to accrue at a rate which exceeds \$25,000 of Fair Market Value of such stock (determined at the time such rights are granted, and which, with respect to the Plan, will be determined as of their respective Offering Dates) for each calendar year in which such rights are outstanding at any time.
- (e) Officers of the Company and any designated Related Corporation, if they are otherwise Eligible Employees, will be eligible to participate in Offerings under the Plan. Notwithstanding the foregoing, the Board may provide in an Offering that Employees who are highly compensated Employees within the meaning of Section 423(b)(4)(D) of the Code will not be eligible to participate.

6. PURCHASE RIGHTS; PURCHASE PRICE.

- (a) On each Offering Date, each Eligible Employee, pursuant to an Offering made under the Plan, will be granted a Purchase Right to purchase up to that number of shares of Common Stock purchasable either with a percentage or with a maximum dollar amount, as designated by the Board, but in either case not exceeding 15% of such Employee's earnings (as defined by the Board in each Offering) during the period that begins on the Offering Date (or such later date as the Board determines for a particular Offering) and ends on the date stated in the Offering, which date will be no later than the end of the Offering.
- (b) The Board will establish one or more Purchase Dates during an Offering on which Purchase Rights granted for that Offering will be exercised and shares of Common Stock will be purchased in accordance with such Offering.
- (c) In connection with each Offering made under the Plan, the Board may specify (i) a maximum number of shares of Common Stock that may be purchased by any Participant on any Purchase Date during such Offering, (ii) a maximum aggregate number of shares of Common Stock that may be purchased by all Participants pursuant to such Offering and/or (iii) a maximum aggregate number of shares of Common Stock that may be purchased by all Participants on any Purchase Date under the Offering. If the aggregate purchase of shares of Common Stock issuable upon exercise of Purchase Rights granted under the Offering would exceed any such maximum aggregate number, then, in the absence of any Board action otherwise, a pro rata (based on each Participant's accumulated Contributions) allocation of the shares of Common Stock available will be made in as nearly a uniform manner as will be practicable and equitable.

- (d) The purchase price of shares of Common Stock acquired pursuant to Purchase Rights will be not less than the lesser of:
 - (i) an amount equal to 85% of the Fair Market Value of the shares of Common Stock on the Offering Date; or
 - (ii) an amount equal to 85% of the Fair Market Value of the shares of Common Stock on the applicable Purchase Date.

7. PARTICIPATION; WITHDRAWAL; TERMINATION.

- (a) An Eligible Employee may elect to authorize payroll deductions as the means of making Contributions by completing and delivering to the Company, within the time specified in the Offering, an enrollment form provided by the Company. The enrollment form will specify the amount of Contributions not to exceed the maximum amount specified by the Board. Each Participant's Contributions will be credited to a bookkeeping account for such Participant under the Plan and will be deposited with the general funds of the Company except where applicable law requires that Contributions be deposited with a third party. If permitted in the Offering, a Participant may begin such Contributions with the first payroll occurring on or after the Offering Date (or, in the case of a payroll date that occurs after the end of the prior Offering but before the Offering Date of the next new Offering, Contributions from such payroll will be included in the new Offering). If permitted in the Offering, a Participant may thereafter reduce (including to zero) or increase his or her Contributions. If specifically provided in the Offering, in addition to making Contributions by payroll deductions, a Participant may make Contributions through the payment by cash or check prior to a Purchase Date.
- (b) During an Offering, a Participant may cease making Contributions and withdraw from the Offering by delivering to the Company a withdrawal form provided by the Company. The Company may impose a deadline before a Purchase Date for withdrawing. Upon such withdrawal, such Participant's Purchase Right in that Offering will immediately terminate and the Company will distribute to such Participant all of his or her accumulated but unused Contributions and such Participant's Purchase Right in that Offering shall thereupon terminate. A Participant's withdrawal from that Offering will have no effect upon his or her eligibility to participate in any other Offerings under the Plan, but such Participant will be required to deliver a new enrollment form to participate in subsequent Offerings.
- (c) Purchase Rights granted pursuant to any Offering under the Plan will terminate immediately if the Participant either (i) is no longer an Employee for any reason or for no reason (subject to any post-employment participation period required by law) or (ii) is otherwise no longer eligible to participate. The Company will distribute to such individual all of his or her accumulated but unused Contributions.
- (d) During a Participant's lifetime, Purchase Rights will be exercisable only by such Participant. Purchase Rights are not transferable by a Participant, except by will, by the laws of descent and distribution, or, if permitted by the Company, by a beneficiary designation as described in Section 10.
 - (e) Unless otherwise specified in the Offering, the Company will have no obligation to pay interest on Contributions.

8. EXERCISE OF PURCHASE RIGHTS.

(a) On each Purchase Date, each Participant's accumulated Contributions will be applied to the purchase of shares of Common Stock, up to the maximum number of shares of Common Stock permitted by the Plan and the applicable Offering, at the purchase price specified in the Offering. No fractional shares will be issued unless specifically provided for in the Offering.

(b) If any amount of accumulated Contributions remains in a Participant's account after the purchase of shares of Common Stock and such remaining amount is less than the amount required to purchase one share of Common Stock on the final Purchase Date of an Offering, then such remaining amount will be held in such Participant's account for the purchase of shares of Common Stock under the next Offering under the Plan, unless such Participant withdraws from or is not eligible to participate in such Offering, in which case such amount will be distributed to such Participant after the final Purchase Date, without interest. If the amount of Contributions remaining in a Participant's account after the purchase of shares of Common Stock is at least equal to the amount required to purchase one whole share of Common Stock on the final Purchase Date of an Offering, then such remaining amount will not roll over to the next Offering and will instead be distributed in full to such Participant after the final Purchase Date of such Offering without interest.

(c) No Purchase Rights may be exercised to any extent unless the shares of Common Stock to be issued upon such exercise under the Plan are covered by an effective registration statement pursuant to the Securities Act and the Plan is in material compliance with all applicable federal, state, foreign and other securities and other laws applicable to the Plan. If on a Purchase Date the shares of Common Stock are not so registered or the Plan is not in such compliance, no Purchase Rights will be exercised on such Purchase Date, and the Purchase Date will be delayed until the shares of Common Stock are subject to such an effective registration statement and the Plan is in material compliance, except that the Purchase Date will in no event be more than 6 months from the Offering Date. If, on the Purchase Date, as delayed to the maximum extent permissible, the shares of Common Stock are not registered and the Plan is not in material compliance with all applicable laws, no Purchase Rights will be exercised and all accumulated but unused Contributions will be distributed to the Participants without interest.

9. COVENANTS OF THE COMPANY.

The Company will seek to obtain from each federal, state, foreign or other regulatory commission or agency having jurisdiction over the Plan such authority as may be required to grant Purchase Rights and issue and sell shares of Common Stock thereunder. If, after commercially reasonable efforts, the Company is unable to obtain the authority that counsel for the Company deems necessary for the grant of Purchase Rights or the lawful issuance and sale of Common Stock under the Plan, and at a commercially reasonable cost, the Company will be relieved from any liability for failure to grant Purchase Rights and/or to issue and sell Common Stock upon exercise of such Purchase Rights.

10. DESIGNATION OF BENEFICIARY.

- (a) The Company may, but is not obligated to, permit a Participant to submit a form designating a beneficiary who will receive any shares of Common Stock and/or Contributions from the Participant's account under the Plan if the Participant dies before such shares and/or Contributions are delivered to the Participant. The Company may, but is not obligated to, permit the Participant to change such designation of beneficiary. Any such designation and/or change must be on a form approved by the Company.
- (b) If a Participant dies, and in the absence of a valid beneficiary designation, the Company will deliver any shares of Common Stock and/or Contributions to the executor or administrator of the estate of the Participant. If no executor or administrator has been appointed (to the knowledge of the Company), the Company, in its sole discretion, may deliver such shares of Common Stock and/or Contributions to the Participant's spouse, dependents or relatives, or if no spouse, dependent or relative is known to the Company, then to such other person as the Company may designate.

11. ADJUSTMENTS UPON CHANGES IN COMMON STOCK; CORPORATE TRANSACTIONS.

(a) In the event of a Capitalization Adjustment, the Board will appropriately and proportionately adjust: (i) the class(es) and maximum number of securities subject to the Plan pursuant to Section 3(a), (ii) the class(es) and maximum number of securities by which the share reserve is to increase automatically each year pursuant to Section 3(a), (iii) the class(es) and number of securities subject to, and the purchase price applicable to outstanding Offerings and Purchase Rights, and (iv) the class(es) and number of securities that are the subject of the purchase limits under each ongoing Offering. The Board will make these adjustments, and its determination will be final, binding and conclusive.

(b) In the event of a Corporate Transaction, then: (i) any surviving corporation or acquiring corporation (or the surviving or acquiring corporation's parent company) may assume or continue outstanding Purchase Rights or may substitute similar rights (including a right to acquire the same consideration paid to the stockholders in the Corporate Transaction) for outstanding Purchase Rights, or (ii) if any surviving or acquiring corporation (or its parent company) does not assume or continue such Purchase Rights or does not substitute similar rights for such Purchase Rights, then the Participants' accumulated Contributions will be used to purchase shares of Common Stock within ten business days prior to the Corporate Transaction under the outstanding Purchase Rights, and the Purchase Rights will terminate immediately after such purchase.

12. AMENDMENT, TERMINATION OR SUSPENSION OF THE PLAN.

- (a) The Board may amend the Plan at any time in any respect the Board deems necessary or advisable. However, except as provided in Section 11(a) relating to Capitalization Adjustments, stockholder approval will be required for any amendment of the Plan for which stockholder approval is required by applicable law or listing requirements, including any amendment that either (i) materially increases the number of shares of Common Stock available for issuance under the Plan, (ii) materially expands the class of individuals eligible to become Participants and receive Purchase Rights, (iii) materially increases the benefits accruing to Participants under the Plan or materially reduces the price at which shares of Common Stock may be purchased under the Plan, (iv) materially extends the term of the Plan, or (v) expands the types of awards available for issuance under the Plan, but in each of (i) through (v) above only to the extent stockholder approval is required by applicable law or listing requirements.
- (b) The Board may suspend or terminate the Plan at any time. No Purchase Rights may be granted under the Plan while the Plan is suspended or after it is terminated.
- (c) Any benefits, privileges, entitlements and obligations under any outstanding Purchase Rights granted before an amendment, suspension or termination of the Plan will not be materially impaired by any such amendment, suspension or termination except (i) with the consent of the person to whom such Purchase Rights were granted, (ii) as necessary to comply with any laws, listing requirements, or governmental regulations (including, without limitation, the provisions of Section 423 of the Code and the regulations and other interpretive guidance issued thereunder relating to Employee Stock Purchase Plans) including without limitation any such regulations or other guidance that may be issued or amended after the date the Plan is adopted by the Board, or (iii) as necessary to obtain or maintain favorable tax, listing, or regulatory treatment. To be clear, the Board may amend outstanding Purchase Rights without a Participant's consent if such amendment is necessary to ensure that the Purchase Right and/or the Plan complies with the requirements of Section 423 of the Code.

13. EFFECTIVE DATE OF PLAN.

The Plan will become effective immediately prior to and contingent upon the IPO Date. No Purchase Rights will be exercised unless and until the Plan has been approved by the stockholders of the Company, which approval must be within 12 months before or after the date the Plan is adopted (or if required under Section 12(a) above, materially amended) by the Board.

14. MISCELLANEOUS PROVISIONS.

- (a) Proceeds from the sale of shares of Common Stock pursuant to Purchase Rights will constitute general funds of the Company.
- (b) A Participant will not be deemed to be the holder of, or to have any of the rights of a holder with respect to, shares of Common Stock subject to Purchase Rights unless and until the Participant's shares of Common Stock acquired upon exercise of Purchase Rights are recorded in the books of the Company (or its transfer agent).

- (c) The Plan and Offering do not constitute an employment contract. Nothing in the Plan or in the Offering will in any way alter the at will nature of a Participant's employment or be deemed to create in any way whatsoever any obligation on the part of any Participant to continue in the employ of the Company or a Related Corporation, or on the part of the Company or a Related Corporation to continue the employment of a Participant.
 - (d) The provisions of the Plan will be governed by the laws of the State of California without resort to that state's conflicts of laws rules.

15. DEFINITIONS.

As used in the Plan, the following definitions will apply to the capitalized terms indicated below:

- (a) "Board" means the Board of Directors of the Company.
- (b) "Capital Stock" means each and every class of common stock of the Company, regardless of the number of votes per share.
- (c) "Capitalization Adjustment" means any change that is made in, or other events that occur with respect to, the Common Stock subject to the Plan or subject to any Purchase Right after the date the Plan is adopted by the Board without the receipt of consideration by the Company through merger, consolidation, reorganization, recapitalization, reincorporation, stock dividend, dividend in property other than cash, large nonrecurring cash dividend, stock split, liquidating dividend, combination of shares, exchange of shares, change in corporate structure or other similar equity restructuring transaction, as that term is used in Financial Accounting Standards Board Accounting Standards Codification Topic 718 (or any successor thereto). Notwithstanding the foregoing, the conversion of any convertible securities of the Company will not be treated as a Capitalization Adjustment.
 - (d) "Code" means the Internal Revenue Code of 1986, as amended, including any applicable regulations and guidance thereunder.
- (e) "Committee" means a committee of one or more members of the Board to whom authority has been delegated by the Board in accordance with Section 2(c).
 - (f) "Common Stock" means, as of the IPO Date, the common stock of the Company, having 1 vote per share.
 - (g) "Company" means Atara Biotherapeutics, Inc., a Delaware corporation.
- (h) "Contributions" means the payroll deductions and other additional payments specifically provided for in the Offering that a Participant contributes to fund the exercise of a Purchase Right. A Participant may make additional payments into his or her account if specifically provided for in the Offering, and then only if the Participant has not already had the maximum permitted amount withheld during the Offering through payroll deductions.
- (i) "Corporate Transaction" means the consummation, in a single transaction or in a series of related transactions, of any one or more of the following events:
- (i) a sale or other disposition of all or substantially all, as determined by the Board in its sole discretion, of the consolidated assets of the Company and its Subsidiaries;
 - (ii) a sale or other disposition of at least 90% of the outstanding securities of the Company;
 - (iii) a merger, consolidation or similar transaction following which the Company is not the surviving corporation; or

- (iv) a merger, consolidation or similar transaction following which the Company is the surviving corporation but the shares of Common Stock outstanding immediately preceding the merger, consolidation or similar transaction are converted or exchanged by virtue of the merger, consolidation or similar transaction into other property, whether in the form of securities, cash or otherwise.
 - (j) "Director" means a member of the Board.
- (k) "Eligible Employee" means an Employee who meets the requirements set forth in the document(s) governing the Offering for eligibility to participate in the Offering, provided that such Employee also meets the requirements for eligibility to participate set forth in the Plan.
- (I) "Employee" means any person, including an Officer or Director, who is "employed" for purposes of Section 423(b)(4) of the Code by the Company or a Related Corporation. However, service solely as a Director, or payment of a fee for such services, will not cause a Director to be considered an "Employee" for purposes of the Plan.
- (m) "Employee Stock Purchase Plan" means a plan that grants Purchase Rights intended to be options issued under an "employee stock purchase plan," as that term is defined in Section 423(b) of the Code.
 - (n) "Exchange Act" means the Securities Exchange Act of 1934, as amended and the rules and regulations promulgated thereunder.
 - (o) "Fair Market Value" means, as of any date, the value of the Common Stock determined as follows:
- (i) If the Common Stock is listed on any established stock exchange or traded on any established market, the Fair Market Value of a share of Common Stock will be the closing sales price for such stock as quoted on such exchange or market (or the exchange or market with the greatest volume of trading in the Common Stock) on the date of determination, as reported in such source as the Board deems reliable. Unless otherwise provided by the Board, if there is no closing sales price for the Common Stock on the date of determination, then the Fair Market Value will be the closing sales price on the last preceding date for which such quotation exists.
- (ii) In the absence of such markets for the Common Stock, the Fair Market Value will be determined by the Board in good faith in compliance with applicable laws and in a manner that complies with Sections 409A of the Code.
- (iii) Notwithstanding the foregoing, for any Offering that commences on the IPO Date, the Fair Market Value of the shares of Common Stock on the Offering Date will be the price per share at which shares are first sold to the public in the Company's initial public offering as specified in the final prospectus for that initial public offering.
- (p) "IPO Date" means the date of the underwriting agreement between the Company and the underwriter(s) managing the initial public offering of the Common Stock, pursuant to which the Common Stock is priced for the initial public offering.
- (q) "Offering" means the grant to Eligible Employees of Purchase Rights, with the exercise of those Purchase Rights automatically occurring at the end of one or more Purchase Periods. The terms and conditions of an Offering will generally be set forth in the "Offering Document" approved by the Board for that Offering.
 - (r) "Offering Date" means a date selected by the Board for an Offering to commence.
 - (s) "Officer" means a person who is an officer of the Company or a Related Corporation within the meaning of Section 16 of the Exchange Act.

- (t) "Participant" means an Eligible Employee who holds an outstanding Purchase Right.
- (u) "Plan" means this Atara Biotherapeutics, Inc. 2014 Employee Stock Purchase Plan.
- (v) "Purchase Date" means one or more dates during an Offering selected by the Board on which Purchase Rights will be exercised and on which purchases of shares of Common Stock will be carried out in accordance with such Offering.
- (w) "Purchase Period" means a period of time specified within an Offering, generally beginning on the Offering Date or on the first Trading Day following a Purchase Date, and ending on a Purchase Date. An Offering may consist of one or more Purchase Periods.
 - (x) "Purchase Right" means an option to purchase shares of Common Stock granted pursuant to the Plan.
- (y) "Related Corporation" means any "parent corporation" or "subsidiary corporation" of the Company whether now or subsequently established, as those terms are defined in Sections 424(e) and (f), respectively, of the Code.
 - (z) "Securities Act" means the Securities Act of 1933, as amended.
- (aa) "Trading Day" means any day on which the exchange(s) or market(s) on which shares of Common Stock are listed, including but not limited to the NYSE, Nasdaq Global Select Market, the Nasdaq Global Market, the Nasdaq Capital Market or any successors thereto, is open for trading.



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AMERICA • ASIA PACIFIC • EUROPE

June 11, 2024

Atara Biotherapeutics, Inc. 2380 Conejo Spectrum Street, Suite 200 Thousand Oaks, California 91320

Re: 1,000,000 shares of Common Stock, \$0.0001 par value per share

Ladies and Gentlemen:

We refer to the Registration Statement on Form S-8 (the "Registration Statement") being filed by Atara Biotherapeutics, Inc., a Delaware corporation (the "Company"), with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "Securities Act"), relating to the registration of 1,000,000 shares of common stock, \$0.0001 par value per share (the "Common Stock"), of the Company, which may be issued under the Atara Biotherapeutics, Inc. 2014 Employee Stock Purchase Plan, as amended (the "Plan," and the aggregate number of shares of Common Stock to be registered under the Registration Statement, the "Registered Shares").

This opinion letter is being delivered in accordance with the requirements of Item 601(b)(5) of RegulationS-K under the Securities Act.

We have examined the Registration Statement, the Company's Amended and Restated Certificate of Incorporation, the Company's Second Amended and Restated Bylaws, the Plan, the resolutions adopted by the board of directors of the Company relating to the Registration Statement and the Plan, the resolutions adopted by the stockholders of the Company relating to the Plan and the proposal adopted by the stockholders of the Company relating to an amendment to the Plan at the Company's 2024 Annual Meeting of Stockholders. We have also examined originals, or copies of originals certified to our satisfaction, of such agreements, documents, certificates and statements of the Company and other corporate documents and instruments, and have examined such questions of law, as we have considered relevant and necessary as a basis for this opinion letter. We have assumed the authenticity of all documents submitted to us as originals, the genuineness of all signatures, the legal capacity of all persons and the conformity with the original documents of any copies thereof submitted to us for examination. As to facts relevant to the opinions expressed herein, we have relied without independent investigation or verification upon, and assumed the accuracy and completeness of, certificates, letters and oral and written statements and representations of public officials and officers and other representatives of the Company.

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Atara Biotherapeutics, Inc. June 11, 2024 Page 2

Based on the foregoing, we are of the opinion that each Registered Share that is newly issued pursuant to the Plan will be validly issued, fully paid and non-assessable when: (i) the Registration Statement, as finally amended, shall have become effective under the Securities Act; (ii) such Registered Share shall have been duly issued and delivered in accordance with the Plan; and (iii) a certificate representing such Registered Share shall have been duly executed, countersigned and registered and duly delivered to the person entitled thereto against payment of the agreed consideration therefor (in an amount not less than the par value thereof) or, if any such Registered Share is to be issued in uncertificated form, the Company's books shall reflect the issuance of such Registered Share to the person entitled thereto against payment of the agreed consideration therefor (in an amount not less than the par value thereof), all in accordance with the Plan.

This opinion letter is limited to the General Corporation Law of the State of Delaware. We express no opinion as to the laws, rules or regulations of any other jurisdiction, including, without limitation, the federal laws of the United States of America or any state securities or blue sky laws.

We hereby consent to the filing of this opinion letter as an exhibit to the Registration Statement and to all references to our Firm included in or made a part of the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act.

Very truly yours,

/s/ Sidley Austin LLP

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Registration Statement on FormS-8 of our report dated March 28, 2024 relating to the consolidated financial statements of Atara Biotherapeutics, Inc. and subsidiaries (the "Company"), appearing in the Annual Report on Form 10-K of the Company for the year ended December 31, 2023.

/s/ DELOITTE & TOUCHE LLP

San Francisco, California June 11, 2024

Calculation of Filing Fee Table

FORM S-8 (Form Type)

Atara Biotherapeutics, Inc.

(Exact Name of Registrant as Specified in its Charter)

Newly Registered Securities

| Security Type | Security Class Title | Fee Calculation Rule | Amount Registered (1) | Proposed Maximum Offering Price Per Unit | Maximum Aggregate Offering Price | Fee Rate | Amount of Registration Fee(2) |
|------------------------|--|--------------------------------|--------------------------|--|---|-------------|-------------------------------------|
| Equity(3) | Common Stock, \$0.0001 par value per share | Rule 457(c) and Rule 457(h) | 1,000,000 | \$0.58 | \$580,000 | 0.00014760 | \$85.61 |
| Total Offering Amounts | | | | | | | \$85.61 |
| Total Fee Offsets | | | | | | | _ |
| Net Fee Due | | | | | | | \$85.61 |

- (1) Pursuant to Rule 416(a) promulgated under the Securities Act of 1933, as amended, or the Securities Act, this Registration Statement shall also cover any additional shares of Registrant's common stock that become issuable under the plans set forth herein by reason of any stock dividend, stock split, recapitalization, or other similar transaction effected that results in an increase to the number of outstanding shares of Registrant's common stock, as applicable.
- (2) Estimated in accordance with Rules 457(c) and (h) solely for the purpose of calculating the registration fee on the basis of \$0.58 per share, the average of the high and low prices of the Registrant's common stock on June 4, 2024 as reported on the Nasdaq Global Select Market.
- (3) Represents shares of common stock that were added to the shares authorized for issuance under the Registrant's 2014 Employee Stock Purchase Plan, as amended.