

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

**FORM S-8  
REGISTRATION STATEMENT**  
*UNDER  
THE SECURITIES ACT OF 1933*

**Keros Therapeutics, Inc.**  
(Exact name of Registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
Incorporation or organization)  
**1050 Waltham Street, Suite 302**  
**Lexington, Massachusetts**  
(Address of principal executive offices)

**81-1173868**  
(I.R.S. Employer  
Identification No.)  
**02421**  
(Zip code)

**2020 Equity Incentive Plan**  
**2020 Employee Stock Purchase Plan**  
(Full title of the plan)

**Jasbir Seehra**  
**Chief Executive Officer**  
**Keros Therapeutics, Inc.**  
**1050 Waltham Street, Suite 302**  
**Lexington, Massachusetts 02421**  
**Tel: (617) 314-6297**  
(Name and address of agent for service) (Telephone number, including area code, of agent for service)

*Copies to:*

**Marc A. Recht**  
**Ryan S. Sansom**  
**Brandon Fenn**  
**Cooley LLP**  
**500 Boylston Street**  
**Boston, Massachusetts 02116**  
**(617) 937-2300**

**Esther Cho**  
**General Counsel**  
**Keros Therapeutics, Inc.**  
**1050 Waltham Street, Suite 302**  
**Lexington, Massachusetts 02421**  
**(617) 314-6297**

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	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

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.

## REGISTRATION OF ADDITIONAL SHARES PURSUANT TO GENERAL INSTRUCTION E

Keros Therapeutics, Inc. (the “Registrant”) is filing this Registration Statement on Form S-8 for the purpose of registering (a) 1,273,643 shares of the Registrant’s common stock, par value \$0.0001 (the “*Common Stock*”), issuable to eligible persons under the Registrant’s 2020 Equity Incentive Plan (the “*2020 Plan*”), which Common Stock is in addition to the shares of Common Stock registered on (i) the Registrant’s [Form S-8](#) filed with the Commission on April 17, 2020 (File No. 333-237732), (ii) the Registrant’s [Form S-8](#) filed with the Commission on January 15, 2021 (File No. 333-252151), (iii) the Registrant’s [Form S-8](#) filed with the Commission on March 9, 2022 (File No. 333-263394) and (iv) the Registrant’s [Form S-8](#) filed with the Commission on March 3, 2023 (File No. 333-270268) (collectively, the “*Prior Registration Statements*”) and (b) 318,410 shares of Common Stock issuable to eligible persons under the Registrant’s 2020 Employee Stock Purchase Plan (the “*2020 ESPP*”), which Common Stock is in addition to the shares of Common Stock registered on the Prior Registration Statements.

This Registration Statement relates to securities of the same class as that to which the Prior Registration Statements relate, and is submitted in accordance with General Instruction E to Form S-8 regarding Registration of Additional Securities. Pursuant to General Instruction E of Form S-8, the contents of the Prior Registration Statements, to the extent relating to the registration of Common Stock issuable under the 2020 Plan and the 2020 ESPP, are incorporated herein by reference and made part of this Registration Statement, except as amended hereby.

### PART II

#### ITEM 3. INCORPORATION OF DOCUMENTS BY REFERENCE.

The Registrant hereby incorporates by reference into this Registration Statement the following documents previously filed with the Commission:

- (a) The Registrant’s Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2023 filed with the Commission on February 28, 2024;
- (b) The description of the Common Stock which is contained in a registration statement on [Form 8-A](#) (File No. 001-39264), filed with the Commission on April 3, 2020, under Section 12(b) of the Securities Exchange Act of 1934, as amended (the “*Exchange Act*”), including any amendment or report filed for the purpose of updating such description; and
- (c) All other reports and documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14, and 15(d) of the Exchange Act (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	Incorporated by Reference			
		Schedule Form	File Number	Exhibit	Filing Date
4.1	<a href="#">Amended and Restated Certificate of Incorporation, as currently in effect.</a>	8-K	001-39264	3.1	April 13, 2020
4.2	<a href="#">Amended and Restated Bylaws, as currently in effect.</a>	8-K	001-39264	3.2	April 13, 2020
4.3	<a href="#">Form of Common Stock Certificate.</a>	S-1/A	333-237212	4.2	April 1, 2020
5.1*	<a href="#">Opinion of Cooley LLP.</a>				
23.1*	<a href="#">Consent of Deloitte &amp; Touche LLP, Independent Registered Public Accounting Firm.</a>				
23.2*	<a href="#">Consent of Cooley LLP (included in Exhibit 5.1).</a>				
24.1*	<a href="#">Power of Attorney (included on the signature page of this Form S-8).</a>				
99.1	<a href="#">2020 Equity Incentive Plan.</a>	S-1/A	333-237212	10.4	April 1, 2020
99.2	<a href="#">Forms of Stock Option Grant Notice, Option Agreement, Notice of Exercise, Restricted Stock Unit Grant Notice and Restricted Stock Unit Award Agreement for the 2020 Equity Incentive Plan.</a>	S-1/A	333-237212	10.5	April 1, 2020
99.3	<a href="#">2020 Employee Stock Purchase Plan.</a>	S-1/A	333-237212	10.6	April 1, 2020
107*	<a href="#">Filing fee table.</a>				

\* Filed herewith

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, 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 Lexington, Massachusetts, on this 28th day of February, 2024.

### KEROS THERAPEUTICS, INC.

By: /s/ Jasbir Seehra

Name: Jasbir Seehra

Title: Chief Executive Officer

## POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Jasbir Seehra, Ph.D. and Keith Regnante, 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 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 substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

Name	Position	Date
/s/ Jasbir Seehra Jasbir Seehra	Chief Executive Officer and Director <i>(Principal Executive Officer)</i>	February 28, 2024
/s/ Keith Regnante Keith Regnante	Chief Financial Officer <i>(Principal Financial Officer and Principal Accounting Officer)</i>	February 28, 2024
/s/ Nima Farzan Nima Farzan	Director	February 28, 2024
/s/ Carl Gordon Carl Gordon	Director	February 28, 2024
/s/ Mary Ann Gray Mary Ann Gray	Director	February 28, 2024
/s/ Tomer Kariv Tomer Kariv	Director	February 28, 2024
/s/ Julius Knowles Julius Knowles	Director	February 28, 2024
/s/ Ran Nussbaum Ran Nussbaum	Director	February 28, 2024
/s/ Alpna Seth Alpna Seth	Director	February 28, 2024

**Calculation of Filing Fee Tables  
Form S-8**

**Keros Therapeutics, Inc.**

(Exact Name of Registrant as Specified in its Charter)

Security Type	Security Class Title	Fee Calculation Rule	Amount Registered <sup>(1)</sup>	Proposed Maximum Offering Price Per Share	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee <sup>(6)</sup>
Equity	<b>2020 Equity Incentive Plan</b> , Common Stock, \$0.0001 par value per share	Other	1,273,643 <sup>(2)</sup>	\$60.87 <sup>(4)</sup>	\$77,526,650	0.00014760	\$11,443
Equity	<b>2020 Employee Stock Purchase Plan</b> , Common Stock, \$0.0001 par value per share	Other	318,410 <sup>(3)</sup>	\$51.74 <sup>(5)</sup>	\$16,474,534	0.00014760	\$2,432
<b>Total Offering Amounts</b>					\$94,001,184		\$13,875
<b>Total Fees Previously Paid</b>							–
<b>Total Fee Offsets</b>							–
<b>Net Fee Due</b>							\$13,875

- (1) Pursuant to Rule 416(a) of 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, par value \$0.0001 per share (the “*Common Stock*”) of Keros Therapeutics, Inc. (the “*Registrant*”), that become issuable under the Registrant’s 2020 Equity Incentive Plan (the “*2020 Plan*”) or 2020 Employee Stock Purchase Plan (the “*2020 ESPP*”) by reason of any stock dividend, stock split, recapitalization or other similar transaction that results in an increase in the number of the Registrant’s outstanding shares of Common Stock.
- (2) Represents 1,273,643 shares of the Common Stock that were automatically added to the shares authorized for issuance under the 2020 Plan on January 1, 2024 pursuant to an “evergreen” provision contained in the 2020 Plan. Pursuant to such evergreen provision, on January 1st of each year commencing in 2021 and ending on (and including) January 1, 2030, the number of shares authorized for issuance under the 2020 Plan is automatically increased by a number equal to four percent (4.0%) of the total number of shares of Common Stock outstanding on December 31st of the preceding calendar year. Notwithstanding the foregoing, the Registrant’s Board of Directors may act prior to the first day of any calendar year to provide that there will be no January 1st increase in the share reserve for such calendar year or that the increase in the share reserve for such calendar year will be a lesser number of shares of common stock than would otherwise occur pursuant to the preceding sentence.
- (3) Represents shares of the Common Stock that were automatically added to the shares authorized for issuance under the 2020 ESPP on January 1, 2024 pursuant to an “evergreen” provision contained in the 2020 ESPP. Pursuant to such provision, on January 1st of each year commencing in 2021 and ending on (and including) January 1, 2030, the number of shares authorized for issuance under the 2020 ESPP is automatically increased by a number equal to the lesser of (i) one percent (1.0%) of the total number of shares of Common Stock outstanding on December 31st of the preceding calendar year, and (ii) four hundred fifty-five thousand eight hundred fifty-two (455,852) shares of Common Stock. Notwithstanding the foregoing, the Registrant’s Board of Directors may act prior to the first day of any calendar year to provide that there will be no January 1st increase in the share reserve for such calendar year or that the increase in the share reserve for such calendar year will be a lesser number of shares of common stock than would otherwise occur pursuant to the preceding sentence.

- (4) Estimated in accordance with Rule 457(c) and Rule 457(h) of the Securities Act solely for purposes of calculating the registration fee, and is based upon the price of \$60.87 per share, which was the average of the high and low prices of the Common Stock as reported on the Nasdaq Global Market on February 22, 2024 (rounded up to the nearest cent).
- (5) Estimated in accordance with Rule 457(c) and Rule 457(h) of the Securities Act solely for purposes of calculating the registration fee, and is based upon the price of \$51.74 per share, which was the average of the high and low prices of the Common Stock as reported on the Nasdaq Global Market on February 22, 2024 (rounded up to the nearest cent), multiplied by 85%, which is the percentage of the price per share applicable to purchases under the 2020 ESPP.
- (6) The Registrant does not have any fee offsets.

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Ryan Sansom  
+1 617 937 2335  
rsansom@cooley.com

February 28, 2024

**Keros Therapeutics, Inc.**  
1050 Waltham Street, Suite 302  
Lexington, Massachusetts 02421

Ladies and Gentlemen:

We have acted as counsel to Keros Therapeutics, Inc., a Delaware corporation (the "**Company**"), in connection with the filing by the Company of a Registration Statement on Form S-8 (the "**Registration Statement**") with the Securities and Exchange Commission (the "**Commission**") covering the offering of up to 1,592,053 shares (the "**Shares**") of the Company's Common Stock, par value \$0.0001 per share (the "**Common Stock**"), consisting of (a) 1,273,643 shares of Common Stock issuable pursuant to the Company's 2020 Equity Incentive Plan (the "**2020 Plan**") and (b) 318,410 shares of Common Stock issuable pursuant to the Company's 2020 Employee Stock Purchase Plan (together with the 2020 Plan, the "**Plans**").

In connection with this opinion, we have examined and relied upon the Registration Statement and the related prospectuses, the Company's certificate of incorporation and bylaws, each as currently in effect, the Plans, such other records, documents, opinions, certificates, memoranda and instruments as in our judgment are necessary or appropriate to enable us to render the opinion expressed below. We have assumed the genuineness of all signatures; the authenticity of all documents submitted to us as originals; the conformity to originals of all documents submitted to us as copies; the accuracy, completeness and authenticity of certificates of public officials; and the due authorization, execution and delivery of all documents by all persons other than the Company where authorization, execution and delivery are prerequisites to the effectiveness thereof. As to certain factual matters, we have relied upon a certificate of an officer of the Company and have not independently verified such matters.

Our opinion is expressed only with respect to the General Corporation Law of the State of Delaware. We express no opinion to the extent that any other laws are applicable to the subject matter hereof and express no opinion and provide no assurance as to compliance with any federal or state securities law, rule or regulation.

On the basis of the foregoing, and in reliance thereon, we are of the opinion that the Shares, when sold and issued in accordance with the Plans, the Registration Statement and the related prospectuses, will be validly issued, fully paid, and nonassessable (except as to Shares issued pursuant to deferred payment arrangements, which will be fully paid and nonassessable when such deferred payments are made in full).

This opinion is limited to the matters expressly set forth in this letter, and no opinion should be implied, or may be inferred, beyond the matters expressly stated. This opinion speaks only as to law and facts in effect or existing as of the date hereof and we have no obligation or responsibility to update or supplement this opinion to reflect any facts or circumstances that may hereafter come to our attention or any changes in law that may hereafter occur.

We consent to the filing of this opinion as an exhibit to 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 of 1933, as amended, or the rules and regulations of the Commission thereunder.





Keros Therapeutics, Inc.  
February 28, 2024  
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Sincerely,

Cooley LLP

By: /s/ Ryan Sansom  
Ryan Sansom

Cooley LLP 500 Boylston Street Boston, MA 02116-3736  
Phone: (617) 937-2300 Fax: (617) 937-2400

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We consent to the incorporation by reference in this Registration Statement on Form S-8 of our reports dated February 28, 2024, relating to the financial statements of Keros Therapeutics, Inc. and the effectiveness of Keros Therapeutics, Inc.'s internal control over financial reporting, appearing in the Annual Report on Form 10-K of Keros Therapeutics, Inc. for the year ended December 31, 2023.

/s/ Deloitte & Touche LLP

Boston, Massachusetts  
February 28, 2024