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

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

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**ATRECA, INC.**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction of  
Incorporation or organization)

**27-3723255**  
(I.R.S. Employer  
Identification No.)

**835 Industrial Road, Suite 400,  
San Carlos, California 94070  
(650) 595-2595**  
(Address of principal executive offices) (Zip code)

**Atreca, Inc. 2019 Equity Incentive Plan  
Atreca, Inc. 2019 Employee Stock Purchase Plan  
(Full titles of the plans)**

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**John A. Orwin**  
**President and Chief Executive Officer**  
**Atreca, Inc.**  
**835 Industrial Road, Suite 400,**  
**San Carlos, California 94070**  
**(650) 595-2595**  
(Name and address of agent for service) (Telephone number, including area code, of agent for service)

*Copies to:*  
**John T. McKenna**  
**Danielle E. Naftulin**  
**Cooley LLP**  
**3175 Hanover Street**  
**Palo Alto, CA 94304**  
**(650) 843-5000**

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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 ☐  
Non-accelerated filer ☒

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. ☐

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## EXPLANATORY NOTE

Atreca, Inc. (the “**Registrant**”) is filing this Registration Statement for the purpose of registering (a) an additional 1,510,351 shares of the Registrant’s Class A common stock, par value \$0.0001 per share (“**Common Stock**”) to be issued pursuant to the Registrant’s 2019 Equity Incentive Plan (the “**2019 Plan**”) and (b) an additional 377,587 shares of the Registrant’s Common Stock to be issued pursuant to the Registrant’s 2019 Employee Stock Purchase Plan (the “**2019 ESPP**”). These shares being registered pursuant to this Registration Statement are the same class as, and in addition to, other securities for which earlier registration statements related to the 2019 Plan and 2019 ESPP were filed with the Securities and Exchange Commission (the “**Commission**”) on [June 21, 2019 \(File No. 333-232278\)](#), [March 11, 2020 \(File No. 333-237090\)](#) and [February 26, 2021 \(File No. 333-253577\)](#) (collectively, the “**Prior Registration Statements**”). In accordance with General Instruction E of Form S-8, the contents of the Prior Registration Statements are incorporated herein by reference and made part of this Registration Statement, except as amended hereby.

## PART II

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

The following documents filed by the Registrant with the Commission are incorporated by reference into this Registration Statement:

- (a) The contents of the Prior Registration Statements;
- (b) [The Registrant’s Annual Report on Form 10-K \(File No. 001-38935\) for the fiscal year ended December 31, 2021, filed with the Commission on March 3, 2022 \(the “2022 Form 10-K”\)](#);
- (c) All other reports of the Registrant filed pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”) since the end of the fiscal year covered by the 2022 Form 10-K (other than information in any Current Report on Form 8-K deemed to have been furnished and not filed in accordance with the rules of the Commission and, except as may be noted in any such Form 8-K, exhibits filed on such Form 8-K that are related to such information); and
- (d) The description of the Registrant’s Common Stock filed as [Exhibit 4.5 to the Registrant’s Annual Report on Form 10-K \(File No. 001-38935\) for the fiscal year ended December 31, 2020, filed with the Commission on February 26, 2021](#), including any amendment or report filed with the Commission for the purpose of updating such description;
- (e) 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
<a href="#">4.1</a>	<a href="#">Amended and Restated Certificate of Incorporation of the Registrant, as currently in effect.</a>	<a href="#">8-K</a>	<a href="#">001-38935</a>	<a href="#">3.1</a>	<a href="#">June 26, 2019</a>
<a href="#">4.2</a>	<a href="#">Form of Amended and Restated Bylaws of the Registrant, as currently in effect.</a>	<a href="#">8-K</a>	<a href="#">001-38935</a>	<a href="#">3.2</a>	<a href="#">June 26, 2019</a>
<a href="#">4.3</a>	<a href="#">Form of Class A Common Stock Certificate.</a>	<a href="#">8-K</a>	<a href="#">001-38935</a>	<a href="#">4.1</a>	<a href="#">June 26, 2019</a>
<a href="#">5.1*</a>	<a href="#">Opinion of Cooley LLP.</a>	=	=	=	=
<a href="#">23.1*</a>	<a href="#">Consent of Cooley LLP (included in Exhibit 5.1).</a>	=	=	=	=
<a href="#">23.2*</a>	<a href="#">Consent of WithumSmith+Brown PC, Independent Registered Public Accounting Firm.</a>	=	=	=	=
<a href="#">23.3*</a>	<a href="#">Consent of OUM &amp; Co. LLP, Independent Registered Public Accounting Firm.</a>	=	=	=	=
<a href="#">24.1*</a>	<a href="#">Power of Attorney (included on the signature page of this Form S-8).</a>	=	=	=	=
<a href="#">99.1</a>	<a href="#">2019 Equity Incentive Plan, and forms of agreements thereunder.</a>	<a href="#">S-8</a>	<a href="#">333-232278</a>	<a href="#">99.2</a>	<a href="#">June 21, 2019</a>
<a href="#">99.2</a>	<a href="#">2019 Employee Stock Purchase Plan.</a>	<a href="#">S-8</a>	<a href="#">333-232278</a>	<a href="#">99.3</a>	<a href="#">June 21, 2019</a>
<a href="#">107*</a>	<a href="#">Filing Fee Table</a>	=	=	=	=

\* 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 City of San Carlos, State of California, on this 23<sup>rd</sup> day of March, 2022.

### ATRECA, INC.

By: /s/ John A. Orwin  
\_\_\_\_\_  
John A. Orwin  
Chief Executive Officer

## POWER OF ATTORNEY

**KNOW ALL PERSONS BY THESE PRESENTS**, that each person whose signature appears below constitutes and appoints John A. Orwin, Tito A. Serafini and Herbert Cross, 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 their name, place or stead, 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 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 connection therewith, 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 any of them, or his, her or their substitute or substitutes, 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 dates indicated.

Signature	Title	Date
/s/ John Orwin John Orwin	President, Chief Executive Officer, and Director (Principal Executive Officer)	March 23, 2022
/s/ Herbert Cross Herbert Cross	Chief Financial Officer (Principal Financial and Accounting Officer)	March 23, 2022
/s/ Brian Atwood Brian Atwood	Chairman of the Board of Directors	March 23, 2022
/s/ Kristine M. Ball Kristine M. Ball	Director	March 23, 2022
/s/ Franklin Berger Franklin Berger	Director	March 23, 2022
/s/ Stephen R. Brady Stephen R. Brady	Director	March 23, 2022
/s/ David Lacey David Lacey, M.D.	Director	March 23, 2022
/s/ Stacey Ma Stacey Ma	Director	March 23, 2022
/s/ William H. Robinson William H. Robinson, M.D., Ph.D.	Director	March 23, 2022
/s/ Lindsey Rolfe Lindsey Rolfe	Director	March 23, 2022
/s/ Tito A. Serafini Tito A. Serafini, Ph.D.	Director and Chief Strategy Officer	March 23, 2022



John T. McKenna  
+1 650 843 5059  
jmckenna@cooley.com

March 23, 2022

Atreca, Inc.  
835 Industrial Road, Suite 400  
San Carlos, CA 94070

**Re: Registration Statement on Form S-8**

Ladies and Gentlemen:

We have acted as counsel to Atreca, Inc., a Delaware corporation (the “**Company**”), in connection with the filing of a registration statement on Form S-8 (the “**Registration Statement**”) with the Securities and Exchange Commission covering the offering of up to 1,887,938 shares (the “**Shares**”) of the Company’s Class A Common Stock, par value \$0.0001 per share (“**Common Stock**”), consisting of (a) 1,510,351 shares of Common Stock issuable pursuant to the Company’s 2019 Equity Incentive Plan (the “**2019 EIP**”) and (b) 377,587 shares of Common Stock issuable pursuant to the Company’s 2019 Employee Stock Purchase Plan (together with the 2019 EIP, the “**Plans**”).

In connection with this opinion, we have examined and relied upon the Registration Statement and related prospectuses, the Plans, the Company’s Amended and Restated Certificate of Incorporation and Bylaws, each as currently in effect, and originals or copies certified to our satisfaction of such other records, documents, certificates, memoranda and other instruments as we have determined to be 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 document by all persons other than by 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 their respective Plans, the Registration Statement and related prospectuses, will be validly issued, fully paid, and nonassessable (except as to Shares issued pursuant to certain deferred payment arrangements, which will be fully paid and nonassessable when such deferred payments are made in full).

We consent to the filing of this opinion as an exhibit to the Registration Statement.

Sincerely,

**COOLEY LLP**

By: /s/ John T. McKenna  
John T. McKenna

Cooley LLP 3175 Hanover Street Palo Alto, CA 94304-1130  
t: (650) 843-5000 f: (650) 849-7400 cooley.com

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We hereby consent to the incorporation by reference, in the Registration Statement on Form S-8 pertaining to the Atreca, Inc. 2019 Equity Incentive Plan and the Atreca, Inc. 2019 Employee Stock Purchase Plan, of our report dated March 3, 2022 relating to the consolidated financial statements of Atreca, Inc. included in its Annual Report on Form 10-K for the year ended December 31, 2021.

/s/ WithumSmith+Brown, PC

San Francisco, California

March 23, 2022

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**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We consent to the incorporation by reference in this Registration Statement on Form S-8, pertaining to the Atreca, Inc. 2019 Equity Incentive Plan and the Atreca, Inc. 2019 Employee Stock Purchase Plan, of our report dated February 26, 2021, relating to the consolidated financial statements of Atreca, Inc., which appears in the Company's Annual Report on Form 10-K for the year ended December 31, 2021.

/s/ OUM & CO. LLP

San Francisco, California  
March 23, 2022

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## Calculation of Filing Fee Table

Form S-8  
(Form Type)

Atreca, Inc.  
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered

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
Equity	Class A Common Stock, par value \$0.0001 per share, Atreca, Inc. 2019 Equity Incentive Plan	Other(2)	1,510,351(2)	\$ 2.89(4)	\$ 4,364,914.39	\$ 0.0000927	\$ 404.63
Equity	Class A Common Stock, par value \$0.0001 per share, Atreca, Inc. 2019 Employee Stock Purchase Plan	Other(2)	377,587(3)	\$ 2.46(5)	\$ 928,864.02	\$ 0.0000927	\$ 86.11
<b>Total Offering Amount</b>					\$ 5,293,778.41		—
<b>Total Fees Previously Paid</b>							—
<b>Total Fee Offsets</b>							—
<b>Net Fee Due</b>							\$ 490.74

- (1) Pursuant to Rule 416(a) promulgated under the Securities Act of 1933, as amended (the “**Securities Act**”), this Registration Statement shall also cover any additional shares of Class A common stock, par value \$0.0001 per share (“**Common Stock**”) of Atreca, Inc. (the “**Registrant**”) 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) Represents shares reserved for future issuance under the Registrant’s 2019 Equity Incentive Plan (the “**2019 Plan**”) and shares of Common Stock issuable upon exercise of stock options outstanding under the 2019 Plan. To the extent that any shares subject to awards under the Registrant’s 2010 Equity Incentive Plan (the “**2010 Plan**”) expire or terminate on or after the termination of the 2010 Plan, or any shares previously issued pursuant to the 2010 Plan are forfeited or repurchased by the Registrant on or after the termination of the 2010 Plan, the shares of Common Stock subject to such awards will become available for issuance under the 2019 Plan. The 2019 Plan also provides that a number of shares reserved for issuance under the 2019 Plan will automatically increase on January 1 of each calendar year for ten years, starting on January 1, 2020 and ending on and including January 1, 2029, by (a) four percent (4.0%) of the total number of shares of the Registrant’s capital stock outstanding as of December 31 of the preceding calendar year or (b) a lesser number determined by the Registrant’s board of directors.
- (3) Represents shares of Common Stock reserved for future issuance under the Registrant’s 2019 Employee Stock Purchase Plan (the “**2019 ESPP**”). The 2019 ESPP provides that the number of shares reserved for issuance under the 2019 ESPP will automatically increase on January 1 of each calendar year, starting on January 1, 2020 and continuing through January 1, 2029, by the lesser of (a) one percent (1.0%) of the total number of shares of the Registrant’s capital stock outstanding on December 31 of the preceding calendar year, (b) 416,666 shares of Common Stock or (c) prior to the date of any such increase, a number determined by the Registrant’s board of directors that is less than (a) and (b).
- (4) Estimated in accordance with Rule 457(c) and Rule 457(h) promulgated under the Securities Act solely for the purpose of calculating the registration fee. The offering price per share and the aggregate offering price are based upon a per share price of \$2.89, which is the average of the high and low prices per share of the Registrant’s Common Stock on March 17, 2022, as reported on The Nasdaq Global Select Market.
- (5) Estimated in accordance with Rule 457(c) and Rule 457(h) promulgated under the Securities Act solely for the purpose of calculating the registration fee. The offering price per share and the aggregate offering price are based upon a per share price of \$2.89, which is the average of the high and low prices per share of the Registrant’s Common Stock on March 17, 2022, as reported on The Nasdaq Global Select Market, multiplied by 85%, which is the percentage of the trading price per share applicable to purchasers under the 2019 ESPP.