

Registration No. 333-269511  
333-268965  
333-266039  
333-266038  
333-232610  
333-232609  
333-219741  
333-219740  
333-206129  
333-197062  
333-191076  
333-176067  
333-152670  
333-152669  
333-147474  
333-137688  
333-137687  
333-126664  
333-116012  
333-116011  
333-71938  
333-34008  
333-3902

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

FORM S-8

|  |            |
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| Post-Effective Amendment No. 1 to Registration Statement No. | 333-269511 |
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| Post-Effective Amendment No. 1 to Registration Statement No. | 333-219740 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-206129 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-197062 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-191076 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-176067 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-152670 |
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| Post-Effective Amendment No. 1 to Registration Statement No. | 333-147474 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-137688 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-137687 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-126664 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-116012 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-116011 |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-71938  |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-34008  |
| Post-Effective Amendment No. 1 to Registration Statement No. | 333-3902   |

UNDER THE SECURITIES ACT OF 1933

**ACERAGEN, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of  
Incorporation or organization)

**505 Eagleview Blvd., Suite 212  
Exton, Pennsylvania**

(Address of Principal Executive Office)

**04-3072298**

(I.R.S. Employer  
Identification No.)

**19341**

(Zip Code)

2022 STOCK INCENTIVE PLAN  
2021 STOCK INCENTIVE PLAN  
2017 EMPLOYEE STOCK PURCHASE PLAN  
2013 STOCK INCENTIVE PLAN

**2008 Stock Incentive Plan**  
**2005 Stock Incentive Plan**  
**1995 Employee Stock Purchase Plan**  
**1995 Director Stock Option Plan**  
**1997 STOCK INCENTIVE PLAN**  
(Full title of the plans)

**John Taylor**  
**505 Eagleview Blvd., Suite 212**  
**Exton, Pennsylvania 19341**  
(Name and address of agent for service)

**(484) 348-1600**  
(Telephone number, including area code, of agent for service)

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

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## EXPLANATORY NOTE

On August 4, 2023, Aceragen, Inc. (the “Company”) announced its intention to voluntarily terminate the listing of its shares of common stock, par value \$0.001 per share (the “Common Stock”) from the Nasdaq Capital Market (the “Delisting”). On August 14, 2023, the Company’s shareholders approved the transfer of all or substantially all of the Company’s assets through an assignment for the benefit of creditors (the “Assignment”) and, subsequently, the Company filed a Form 25 with the Securities and Exchange Commission (the “SEC”) in connection with the Delisting. In connection with the foregoing and the undertakings in the Registration Statements (as defined below), the Company is hereby filing this Post-Effective Amendment to each of the Company’s registration statements on Form S-8 (Registration Nos. 333-269511, 333-268965, 333-266039, 333-266038, 333-232610, 333-232609, 333-219741, 333-219740, 333-206129, 333-197062, 333-191076, 333-176067, 333-152670, 333-152669, 333-147474, 333-137688, 333-137687, 333-126664, 333-116012, 333-116011, 333-71938, 333-34008 and 333-3902) (collectively, the “Registration Statements”) to terminate the effectiveness of each such Registration Statement and to remove from registration all shares of the Company’s Common Stock that have not been issued and are not subject to issuance pursuant to outstanding equity awards under the Company’s equity incentive plans and employee stock purchase plan.

## 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 Post-Effective Amendment to the Registration Statements to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Exton, Commonwealth of Pennsylvania, on or before August 16, 2023.

### ACERAGEN, INC.

By: /s/ John Taylor

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John Taylor  
Authorized Person

Pursuant to Rule 478 under the Securities Act of 1933, as amended, no other person is required to sign this Post-Effective Amendment to the Registration Statements.

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