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

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**SCHEDULE 14A**  
**(Rule 14a-101)**  
**INFORMATION REQUIRED IN PROXY STATEMENT**  
**SCHEDULE 14A INFORMATION**  
**Proxy Statement Pursuant to Section 14(a) of the**  
**Securities Exchange Act of 1934**  
**(Amendment No. )**

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Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material under § 240.14a-12

**Sage Therapeutics, Inc.**  
**(Name of Registrant as Specified In Its Charter)**  
**(Name of Person(s) Filing Proxy Statement, if other than Registrant)**

Payment of Filing Fee (Check all boxes that apply):

- No fee required.
  - Fee paid previously with preliminary materials.
  - Fee computed on table in exhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11.
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**Important Notice Regarding the Availability of Proxy Materials  
for the Stockholder Meeting To Be Held on June 10, 2024 at  
8:30 a.m. Eastern Time**

## Your **Vote** Counts!

**SAGE THERAPEUTICS, INC.**

2024 Annual Meeting

Vote by June 9, 2024

11:59 PM ET

SAGE THERAPEUTICS, INC.  
215 FIRST STREET  
CAMBRIDGE, MA 02142



V47811-P07489

### You invested in SAGE THERAPEUTICS, INC. and it's time to vote!

You have the right to vote on proposals being presented at the Annual Meeting. **This is an important notice regarding the availability of proxy materials for the stockholder meeting to be held on June 10, 2024.**

### Get informed before you vote

View the Notice and Proxy Statement and Annual Report online OR you can receive a free paper or email copy of the material(s) by requesting prior to May 27, 2024. If you would like to request a copy of the material(s) for this and/or future stockholder meetings, you may (1) visit [www.ProxyVote.com](http://www.ProxyVote.com), (2) call 1-800-579-1639 or (3) send an email to [sendmaterial@proxyvote.com](mailto:sendmaterial@proxyvote.com). If sending an email, please include your control number (indicated below) in the subject line. Unless requested, you will not otherwise receive a paper or email copy.



For complete information and to vote, visit [www.ProxyVote.com](http://www.ProxyVote.com)

Control #

#### Smartphone users

Point your camera here and  
vote without entering a  
control number



#### Vote Virtually at the Meeting\*

June 10, 2024  
8:30 a.m. Eastern Time

Virtually at:  
[www.virtualshareholdermeeting.com/SAGE2024](http://www.virtualshareholdermeeting.com/SAGE2024)

\*Please check the meeting materials for any special requirements for meeting attendance.

## THIS IS NOT A VOTABLE BALLOT

This is an overview of the more complete proxy materials that are available to you on the Internet. Please follow the instructions on the reverse side to vote these important matters.

For a convenient way to view proxy materials, the annual report, VOTE, and obtain directions to attend the meeting, go to: [www.virtualshareholdermeeting.com/SAGE2024](http://www.virtualshareholdermeeting.com/SAGE2024)

Voting Items	Board Recommends
1. To elect two directors, Elizabeth Barrett and Geno Germano, each to serve as a Class I director until the 2027 Annual Meeting of Stockholders and until his or her successor is duly elected and qualified, subject to his or her earlier death, resignation, or removal. <b>Nominees:</b> 01) Elizabeth Barrett 02) Geno Germano	✔ For
2. To ratify the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2024.	✔ For
3. To hold a non-binding advisory vote to approve the compensation paid to our named executive officers.	✔ For
4. To approve the Sage Therapeutics, Inc. 2024 Equity Incentive Plan.	✔ For
<b>NOTE:</b> To transact such other business as may properly come before the meeting or any and all adjournments or postponements thereof.	

Prefer to receive an email instead? While voting on [www.ProxyVote.com](http://www.ProxyVote.com), be sure to click "Delivery Settings".