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

**SCHEDULE 14A**

**Proxy Statement Pursuant to Section 14(a) of the  
Securities Exchange Act of 1934**

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 Pursuant to §240.14a-12

**Compass Therapeutics, Inc.**

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
  - Fee paid previously with preliminary materials.
  - Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
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# Your **Vote** Counts!

COMPASS THERAPEUTICS, INC.

2023 Annual Meeting

Vote by June 14, 2023 11:59 PM ET. For shares held in a Plan, vote by June 9, 2023 11:59 PM ET.

COMPASS THERAPEUTICS, INC.  
80 GUEST ST., SUITE 601  
BOSTON, MA 02135



V11383-P91974

## You invested in COMPASS 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 material for the stockholder meeting to be held on June 15, 2023.**

### Get informed before you vote

View the Notice and Proxy Statement, Annual Report and Form 10-K, online OR you can receive a free paper or email copy of the material(s) by requesting prior to June 1, 2023. 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 15, 2023  
10:00 a.m. Eastern Time

Virtually at:  
[www.virtualshareholdermeeting.com/COMPX2023](http://www.virtualshareholdermeeting.com/COMPX2023)

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

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## THIS IS NOT A VOTABLE BALLOT

This is an overview of the proposals being presented at the upcoming stockholder meeting. Please follow the instructions on the reverse side to vote these important matters.

Voting Items	Board Recommends
1. Election of Class III directors to the Company's Board of Directors, to serve until the 2026 Annual Meeting of Stockholders and until his or her successor has been duly elected and qualified, or until his or her earlier death, resignation or removal: <b>Nominees:</b> 01) Thomas J. Schuetz, M.D., Ph.D. 02) Richard S. Lindahl, M.B.A.	<input checked="" type="checkbox"/> For
2. Ratification of the appointment of CohnReznick LLP as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2023.	<input checked="" type="checkbox"/> For

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