

**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

**Lyra 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 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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# Your **Vote** Counts!

LYRA THERAPEUTICS, INC.

2022 Annual Meeting  
Vote by June 15, 2022  
11:59 PM EDT



LYRA THERAPEUTICS, INC.  
480 ARSENAL WAY  
WATERTOWN, MASSACHUSETTS 02472



D64784-P68059

## You invested in LYRA 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 16, 2022.**

### Get informed before you vote

View the Notice and Proxy Statement and Form 10-K online OR you can receive a free paper or email copy of the material(s) by making a request prior to June 2, 2022. 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 toll-free 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 prior to the Annual Meeting, 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\*

Date: June 16, 2022  
Time: 8:30 AM EDT

Meeting to be held virtually at:  
[www.virtualshareholdermeeting.com/LYRA2022](http://www.virtualshareholdermeeting.com/LYRA2022)

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

V1.1

## 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 II Directors to serve until the 2025 Annual Meeting of Stockholders, and until their respective successors shall have been duly elected and qualified. <b>Nominees:</b> 01) Michael Altman 02) C. Ann Merrifield 03) Harlan Waksal, M.D.	✔ For
2. To ratify the appointment of BDO USA, LLP as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2022.	✔ For
<b>NOTE:</b> Such other business as may properly come before the Annual Meeting or any continuation, postponement or adjournment thereof.	

Prefer to receive an email instead? While voting on [www.ProxyVote.com](http://www.ProxyVote.com), be sure to click "Sign up for E-delivery".