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

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**SCHEDULE 14A**

**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
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**Dyne Therapeutics, Inc.**  
(Name of Registrant as Specified In Its Charter)

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

Payment of Filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

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Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

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P.O. BOX 8016, CARY, NC 27512-8903

**Dyne Therapeutics, Inc.  
Important Notice Regarding the  
Availability of Proxy Materials  
for the Stockholder Meeting to  
be held on May 26, 2021**

**For Stockholders as of April 1, 2021**

This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. This is not a ballot. You cannot use this notice to vote your shares. We encourage you to access and review all of the important information contained in the proxy materials before voting.

To view the proxy materials, and to obtain directions to virtually attend meeting, go to: [www.proxydocs.com/DYN](http://www.proxydocs.com/DYN)

To vote your proxy while visiting this site, you will need the 12 digit control number in the box below.

Under United States Securities and Exchange Commission rules, proxy materials do not have to be delivered in paper. Proxy materials can be distributed by making them available on the Internet.



**For a convenient way to view proxy materials  
and VOTE go to [www.proxydocs.com/DYN](http://www.proxydocs.com/DYN)**

**Have the 12 digit control number located in the shaded box above available  
when you access the website and follow the instructions.**

*The Notice, Proxy Statement and Annual Report can be viewed online. If you want to receive a paper or e-mail copy of the proxy materials, you must request them. There is no charge to you for requesting a copy. In order to receive a paper package in time for this year's meeting, you must make this request on or before May 14, 2021.*

**To order paper materials, use one of the following methods.**

  
**INTERNET**  
[www.investorelections.com/DYN](http://www.investorelections.com/DYN)

  
**TELEPHONE**  
**(866) 648-8133**

  
**\* E-MAIL**  
[paper@investorelections.com](mailto:paper@investorelections.com)

When requesting via the Internet or telephone you will need the 12 digit control number located in the shaded box above.

\* If requesting material by e-mail, please send a blank e-mail with the 12 digit control number (located above) in the subject line. No other requests, instructions OR other inquiries should be included with your e-mail requesting material.

**Dyne Therapeutics, Inc.**

**Meeting Type:** Annual Meeting of Stockholders  
**Date:** Wednesday, May 26, 2021  
**Time:** 09:00 AM, Eastern Time  
**Place:** Annual Meeting to be held live via the Internet - please visit [www.proxydocs.com/DYN](http://www.proxydocs.com/DYN) for more details.

**You must register to attend the meeting online and/or participate at [www.proxydocs.com/DYN](http://www.proxydocs.com/DYN)**

**SEE REVERSE FOR FULL AGENDA**

# Dyne Therapeutics, Inc.

## Annual Meeting of Stockholders

THE BOARD OF DIRECTORS RECOMMENDS A VOTE:  
FOR PROPOSALS 1 AND 2

PROPOSAL

1. The election of two Class I directors, each to serve for a three-year term expiring at the 2024 annual meeting of stockholders and until his or her respective successor has been duly elected and qualified.
  - 1.01 Lawrence Klein, Ph.D.
  - 1.02 Catherine Stehman-Breen, M.D.
2. The ratification of the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2021.

Note: The transaction of any other business that may properly come before the 2021 Annual Meeting or any adjournment or postponement thereof.

THIS IS NOT A VOTABLE BALLOT  
This is an overview of the more complete proxy materials that are  
available to you on the Internet.