# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### **SCHEDULE 14A INFORMATION**

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934 (Amendment No.)

File	ed by tl	he Registrant. ⊠
File	ed by a	Party other than the Registrant
Ch	eck the	appropriate box:
	Prelin	minary Proxy Statement
	Conf	idential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
	Defin	nitive Proxy Statement
X	Defin	nitive Additional Materials
	Solic	iting Material under §240.14a-12
		AVENUE THERAPEUTICS, INC.
		(Name of Registrant as Specified In Its Charter)
_		(Name of Person(s) Filing Proxy Statement, if other than the Registrant)
Pay	ment o	of Filing Fee (Check the appropriate box):
-		the required
		computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
		Title of each class of securities to which transaction applies:
	· · ·	Aggregate number of securities to which transaction applies:
		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 now it was determined):
	(4) I	Proposed maximum aggregate value of transaction:
	(5)	Total fee paid:
	Fee p	paid previously with preliminary materials.
		k 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 ous filing by registration statement number, or the Form or Schedule and the date of its filing.
	(1) A	Amount Previously Paid:
	(2) H	Form, Schedule or Registration Statement No.:
	(3) H	Filing Party:
	(4) I	Date Filed:

## \*\*\* Exercise Your Right to Vote \*\*\*

# Important Notice Regarding the Availability of Proxy Materials for the Shareholder Meeting to Be Held on June 13, 2018.

### AVENUE THERAPEUTICS, INC.

### Meeting Information

Meeting Type: Annual Meeting For holders as of: April 16, 2018

Date: June 13, 2018 Time: 2:00 PM, EDT

Location: Alston & Bird, LLP 90 Park Avenue New York, NY 10016

You are receiving this communication because you hold shares in the company named above.

This is not a ballot. You cannot use this notice to vote these shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. You may view the proxy materials online at www.proxyvote.com or easily request a paper copy (see reverse side).

We encourage you to access and review all of the important information contained in the proxy materials before voting.

See the reverse side of this notice to obtain proxy materials and voting instructions.

AVENUE THERAPEUTICS, INC. 2 GANSEVOORT STREET, 9TH FLOOR NEW YORK, NEW YORK 10014

#### Proxy Materials Available to VIEW or RECEIVE:

NOTICE AND PROXY STATEMENT

ANNUAL REPORT

How to View Online:

following page) and visit: www.proxyvote.com.

#### How to Request and Receive a PAPER or E-MAIL Copy:

If you want to receive a paper or e-mail copy of these documents, you must request one. There is NO charge for requesting a copy. Please choose one of the following methods to make your request:

1) BY INTERNET: www.proxyvote.com 2) BY TELEPHONE: 1-800-579-1639

sendmaterial@proxyvote.com 3) BY E-MAIL\*:

\* If requesting materials by e-mail, please send a blank e-mail with the information that is printed in the box marked by the arrow → XXXX XXXX XXXX (located on the following page) in the subject line.

Requests, instructions and other inquiries sent to this e-mail address will NOT be forwarded to your investment advisor. Please make the request as instructed above on or before May 30, 2018 to facilitate timely delivery.

— How To Vote — Please Choose One of the Following Voting Methods

Vote In Person: Many shareholder meetings have attendance requirements including, but not limited to, the possession of an attendance ticket issued by the entity holding the meeting. Please check the meeting materials for any special requirements for meeting attendance. At the meeting, you will need to request a ballot to vote these shares.

Vote By Mail: You can vote by mail by requesting a paper copy of the materials, which will include a proxy card.

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### Voting Items

## The Board of Directors recommends you vote FOR the following:

1. Election of Directors

01) Lindsay A. Rosenwald, M.D. 02) Lucy Lu, M.D. 03) Neil Herskowitz 04) Jay Kranzler, M.D., Ph.D. 05) Jeffrey Paley, M.D. 06) Akhtar Samad, M.D., Ph.D. 07) Michael S. Weiss

#### The Board of Directors recommends you vote FOR proposals 2 and 3.

- Ratify the appointment of BDO USA, LLP as our independent registered public accounting firm for the year ending December 31, 2018; and
- Approve an amendment to our Third Amended and Restated Certificate of Incorporation to amend the Annual Stock Dividend payment date from February 17 to January 1 of each year.

NOTE: Such other business as may properly come before the meeting or any adjournment thereof.