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.____)

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 			
AVENUE 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 in exhibit required by Item 25(b) per Exchange Act Rules 14a6(i)(1) and 0-11			

Your Vote Counts!

AVENUE THERAPEUTICS, INC.

2024 Annual Meeting Vote by June 23, 2024 11:59 PM ET

AVENUE THERAPEUTICS, INC. 1111 KANE CONCOURSE, SUITE 301 BAY HARBOR ISLANDS, FLORIDA 33154



V50712-P11567

Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting To Be Held on June 24, 2024.

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

You have the right to vote on proposals being presented at the Annual Meeting.

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 June 10, 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, (2) call 1-800-579-1639 or (3) send an email to 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

Control #

Smartphone users

Point your camera here and vote without entering a control number





Vote Virtually at the Meeting*

June 24, 2024 9:30 AM Eastern Time

Virtually at: www.virtualshareholdermeeting.com/ATXI2024

^{*}Please check the meeting materials for any special requirements for meeting attendance.

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.

Vot	ing Items	Board Recommends		
1.	Election of Directors			
	Nominees:			
	01) Jay Kranzler 04) Alexandra MacLean 02) Faith Charles 05) Curtis Oltmans 03) Neil Herskowitz 06) Lindsay A. Rosenwald	⊘ For		
2.	Ratify the appointment of KPMG LLP as our independent registered public accounting firm for the year ending December 31, 2024.	⊘ For		
3.	Approve an amendment to the Avenue Therapeutics, Inc. 2015 Incentive Plan, as amended (the "2015 Plan"), to increase the number of authorized shares issuable thereunder by 5,000,000 shares, which will extend the term of the 2015 Plan to June 24, 2034, and increase the annual share limit for awards to non-employee directors to 500,000.	⊘ For		
	NOTE: The proxies are authorized to act upon such other business as may properly come before the meeting or any adjournment or postponement thereof.			
	Prefer to receive an email instead? While voting on www.ProxyVote.com, be sure to click "Delivery Setting	ngs".		

V50713-P11567