UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (Date of earliest event reported): December 1, 2020

Avenue Therapeutics, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation) **001-38114** (Commission File Number) 47-4113275 (IRS Employer Identification No.)

1140 Avenue of the Americas, Floor 9 New York, NY 10036 (Address of Principal Executive Offices)

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(781) 652-4500

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Securities registered pursuant to Section 12(b) of the Exchange Act:

Title of Class	Trading Symbol(s)	Exchange Name	
Common Stock	ATXI	Nasdaq Capital Market	

Written communications pursuant to Rule 425 under the Securities Act.

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act.

□ Pre-commencement communications pursuant to Rule 14d-2b under the Exchange Act.

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act.

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \boxtimes

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangement of Certain Officers

On December 1, 2020, Thomas G. Moore informed Avenue Therapeutics, Inc. (the "Company") of his decision to resign from the Board of Directors of the Company (the "Board"), effective December 31, 2020. His resignation was not the result from any disagreement with the Company, or any matter related to the Company's operations, policies or practices, the Company's management or the Board.

Dr. Moore was an independent director nominated by InvaGen Pharmaceuticals Inc. (the "Buyer") and appointed to the Company's Board in April 2019 pursuant to the Stock Purchase and Merger Agreement (the "SPMA") between the Company, the Buyer and Madison Pharmaceuticals Inc., a wholly-owned subsidiary of the Buyer, and a stockholders agreement in connection with the SPMA.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Avenue Therapeutics, Inc. (Registrant)

By:

/s/ Lucy Lu, M.D. Lucy Lu, M.D. President, Chief Executive Officer and Director