

FORM 4

[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL  
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF  
SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or  
Section 30(h) of the Investment Company Act of 1940

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                |                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of Reporting Person *<br><b>Ingram Elizabeth Garrett</b><br><br>(Last) (First) (Middle)<br><b>C/O AVENUE THERAPEUTICS,<br/>INC., 2 GANSEVOORT STREET, 9TH<br/>FLOOR</b><br><br>(Street)<br><b>NEW YORK, NY 10014</b><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><b>AVENUE THERAPEUTICS, INC. [ATXI]</b><br><br>3. Date of Earliest Transaction (MM/DD/YYYY)<br><b>9/12/2019</b> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br><input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| 4. If Amendment, Date Original Filed (MM/DD/YYYY)                                                                                                                                                                                                                    |                                                                                                                                                                | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person                                                      |

| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |                |                                         |                              |   |                                                                         |               |        |                                                                                                     |                                                                         |                                                                   |
|----------------------------------------------------------------------------------|----------------|-----------------------------------------|------------------------------|---|-------------------------------------------------------------------------|---------------|--------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1. Title of Security<br>(Instr. 3)                                               | 2. Trans. Date | 2A. Deemed<br>Execution<br>Date, if any | 3. Trans. Code<br>(Instr. 8) |   | 4. Securities Acquired (A)<br>or Disposed of (D)<br>(Instr. 3, 4 and 5) |               |        | 5. Amount of Securities Beneficially Owned<br>Following Reported Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr.<br>4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|                                                                                  |                |                                         | Code                         | V | Amount                                                                  | (A) or<br>(D) | Price  |                                                                                                     |                                                                         |                                                                   |
| Common Stock                                                                     | 9/12/2019      |                                         | P                            |   | 16000                                                                   | A             | \$6.27 | 16000                                                                                               | D                                                                       |                                                                   |

| Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |                                                        |                |                                   |                           |   |                                                                                        |                                         |  |                                                                                   |                 |                                            |                                                                                                    |                                                                                  |                                                        |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------|-----------------------------------|---------------------------|---|----------------------------------------------------------------------------------------|-----------------------------------------|--|-----------------------------------------------------------------------------------|-----------------|--------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------|
| 1. Title of Derivate Security (Instr. 3)                                                                           | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date |  | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) |                 | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|                                                                                                                    |                                                        |                |                                   | Code                      | V |                                                                                        |                                         |  | Date Exercisable                                                                  | Expiration Date |                                            |                                                                                                    |                                                                                  |                                                        |

Explanation of Responses:

Reporting Owners

| Reporting Owner Name / Address                                                                                    | Relationships |           |         |       |
|-------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                                                                   | Director      | 10% Owner | Officer | Other |
| Ingram Elizabeth Garrett<br>C/O AVENUE THERAPEUTICS, INC.<br>2 GANSEVOORT STREET, 9TH FLOOR<br>NEW YORK, NY 10014 | X             |           |         |       |

Signatures

/s/ Elizabeth G. Ingram                      9/16/2019  
Signature of Reporting Person                      Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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