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FORM 4

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

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| 0 | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | |
| Estimated average burden | | | | | | | |
| hours per response: | 0.5 | | | | | | |

| 1. Name and Address of Reporting Person* | | | 2. Issuer Name and Ticker or Trading Symbol Axsome Therapeutics, Inc. [AXSM] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | |
|---|-------------|-------|--|---|--|--|--|--|--|
| <u>Pizzie Nick</u> | | | | Director 10% Owner | | | | | |
| · | | | | X Officer (give title Other (specify below) below) | | | | | |
| (Last) (First) (Middle) C/O AXSOME THERAPEUTICS, INC | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/19/2019 | Chief Financial Officer | | | | | |
| 25 BROADWA | Y, 9TH FLOC |)R | | | | | | | |
| (Street) NEW YORK | NY | 10004 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting | | | | | |
| (City) | (State) | (Zip) | — | Person | | | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, | ate, 3. Transaction Code (Instr. | | 4. Securities Disposed Of | Acquired | (A) or | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--|-------------------------------|--|---|------------------------------|---------------|------------------------|---|---|---|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (|
| Common Stock | 03/19/2019 | | р | | 60 | A | \$12.69 | 60 | I(1) | By UTMA account |
| Common Stock | 03/19/2019 | | Р | | 5,340 | A | \$12.58 ⁽²⁾ | 36,340 | D | |

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (e.g., puts, calls, warrants, ontions, convertible securities)

| (e.g., puts, cails, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | |
|--|---|---|--|---|------------------------------|---|--|---|--|--------------------|---|---|---|--|--|--|--|
| | 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transa Code (8) | | 5. Nu of Deriv Secu Acqu (A) or Dispo of (D) (Instr and 5 | ative rities ired osed . 3, 4 | 6. Date Exerc Expiration Da (Month/Day/Y | ate | 7. Title Amour Securi Underl Deriva Securi and 4) | nt of ties ying tive ty (Instr. 3 | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | | |

Explanation of Responses:

1. Represents 60 shares of common stock purchased by the reporting person as custodian for his son's UTMA account. The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.

2. The price reported in Column 4 is an average price. These shares were purchased by the reporting person in multiple transactions at prices ranging from \$12.57 to \$12.59, inclusive. The reporting person undertakes to provide to Axsome Therapeutics, Inc., the staff of the Securities and Exchange Commission, and others pursuant to applicable securities laws, upon request, full information regarding the number of shares sold at each price within the ranges set forth in footnote (2) to this Form 4.

<u>/s/ Nick Pizzie</u>

03/21/2019 rson Date

** Signature of Reporting Person

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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.