FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 | |
|-------------|------|-------|--|
|-------------|------|-------|--|

| | OMB APPROVAL | | | | | | | | | | |
|-----|--------------------------|-----------|--|--|--|--|--|--|--|--|--|
| | OMB Number: | 3235-0287 | | | | | | | | | |
| | Estimated average burden | | | | | | | | | | |
| - 1 | hours per response: | 0.5 | | | | | | | | | |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person* Ostrowski Erik | | | | | 2. Issuer Name and Ticker or Trading Symbol AVROBIO, Inc. [AVRO] | | | | | | | | | S. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (city) stills Other (case) if the control of t | | | | | | |
|---|------------|------------|--------------------------------------|-----------------|--|--|-------|--------------------------------------|----------------|---|---|------------------|---|---|---|-----------------------------------|---|-------------|---|--|
| (Last) | (ROBIO, IN | , | (Middle) | | | 3. Date of Earliest Transaction (Month/Day/Year) 02/01/2024 | | | | | | | | 2 | X Officer (give title Other (specification) Interim CEO, President and CFO | | | | | |
| 100 TECHNOLOGY SQUARE, 6TH FLOOR | | | | 4.1 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | Line | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | | |
| (Street) | IDGE N | ſА | 02139 | | | X | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| (City) (State) (Zip) | | | | | R | Rule 10b5-1(c) Transaction Indication | | | | | | | | | | | | | | |
| | | | | | | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | | | | | | | | | | | | | | |
| | | Tab | le I - Noi | n-Deriv | ativ | e Sec | curit | ies Ac | quire | ed, Di | isp | osed o | f, or E | en | eficiall | y Owned | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | Execution Date, | | | Cod | Transaction Disposed Code (Instr. 5) | | ties Acquired (A) or d Of (D) (Instr. 3, 4 and | | | 5. Amou Securitie Benefici Owned F Reported | s Formula (D) ollowing (I) (I | | : Direct r Indirect str. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | | | | | Cod | de V | | Amount | (A) (D) | or | Price | Transact (Instr. 3 | action(s) | | | ,iiisti. 4) | | |
| Common Stock 02/01/ | | | | 1/202 | /2024 | | N | Л | | 40,084 | 84 A | | \$0 | 42,384 | | | D | | | |
| Common Stock 02/05/ | | | | /2024 | | F | ? | | 13,099 | 9 D \$1.202 | | 2 29,285 | | D | | | | | | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | | |
| 1. Title of 2. 3. Transaction Date Execution Date, Or Exercise (Month/Day/Year) if any | | | ransaction of ode (Instr. Derivative | | 6. Date Exercisable and Expiration Date (Month/Day/Year) 7. Title and Am of Securities Underlying Derivative Sec (Instr. 3 and 4) | | | | | s Security | 8. Price of Derivative Security (Instr. 5) | | Owners Form: Direct (I or Indire (I) (Instr | Ownership | Beneficial Ownership (Instr. 4) | | | | | |
| | | | | | Code | v | (A) | (D) | Date Exerci | isable | | xpiration ate | Title | | Amount or Number of Shares | | | | | |
| Restricted Stock Unit | \$0 | 02/01/2024 | | | M | | | 40,084 | (1 | 1) | 02 | 2/01/2027 | Commo | | 40,084 | \$0 | 120,249 | | D | |

Explanation of Responses:

1. The shares subject to the RSU shall vest over 4 years, with 25% vesting annually on each anniversary of the Vesting Commencement Date of February 1, 2023.

/s/ Steven Avruch, Attorney-in-02/05/2024 Fact for Erik Ostrowski

** Signature of Reporting Person Date

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

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.

^{*} 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).