FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

| OMB APPROVAL             |           |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |
| 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).

## 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

| Name and Address of Reporting Person*     Gerard Michael   |   |  |  |                                 | 2. Issuer Name and Ticker or Trading Symbol Cabaletta Bio, Inc. [ CABA ] |   |   |  |       |                               |  |   | ationship of F<br>k all applicab<br>Director        |   | Person(            | (s) to Issuer<br>10% Ov  | vner                                  |
|--|---|--|--|---------------------------------|--|---|---|--|-------|-------------------------------|--|---|---|---|--------------------|--|---------------------------------------|
| (Last) C/O CABAL   |   |  |  |                                 |  |   | 3. Date of Earliest Transaction (Month/Day/Year) 01/18/2023 |  |       |                               |  |   |   |   |                    | Other (s<br>below)   | specify                               |
| 2929 ARCH STREET, SUITE 600  |   |  |  | 4                               | 4. If Amendment, Date of Original Filed (Month/Day/Year)                 |   |   |  |       |                               |  | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person |   |   |                    |  |                                       |
| (Street) PHILADELPHIA PA 19104   |   |  |  |                                 |  |   |   |  |       |                               |  |   | Form filed by More than One Reporting Person        |   |                    |  |                                       |
| (City)   | (State  | , ,  | Zip)   |                                 |  |   |   |  |       |                               |  |   |   |   |                    |  |                                       |
|  |   | T  | able I - Nor   | -Deriva                         | tive S   | ecuritie  | s Acq   | uired, [   | )ispo | osed o                        | f, or Benef  | icially Ov  | vned  |   |                    |  |                                       |
| Date   |   |  |  | 2. Transad<br>Date<br>(Month/Da |  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |   | Transaction Dispose Code (Instr.                         |       | ed Of (D) (Instr. 3, 4 and 5) |  | 5. Amount<br>Securities<br>Beneficiall<br>Following   | y Owned<br>Reported                                 | Form  | lirect (I)<br>. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)        |                                       |
|  |   |  |  |                                 |  |   |   | Code   | v     | Amount                        | (A) or<br>(D)  | Price   | Transaction(s) (Instr. 3 and 4)                     |   |                    |  | (instr. 4)                            |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |  |  |                                 |  |   |   |  |       |                               |  |   |   |   |                    |  |                                       |
| 1. Title of<br>Derivative<br>Security (Instr.<br>3)  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date<br>if any<br>(Month/Day/Yea | Code                            |  |   |   | 6. Date Exercisable and Expiration Date (Month/Day/Year) |       |                               | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security (Instr.<br>3 and 4) |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s |                    | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |
|  |   |  |  | Code                            | v  | (A)   | (D)   | Date<br>Exercisabl                                       |       | piration<br>te                | Title  | Amount or<br>Number of<br>Shares  |   | (Instr. 4)  |                    |  |                                       |
| Stock Option<br>(Right to Buy)   | \$11.09   | 01/18/2023                                 |  | A                               |  | 112,500   |   | (1)  | 01/   | /17/2033                      | Common<br>Stock  | 112,500   | \$0.00  | 112,500   |                    | D  |                                       |

## Explanation of Responses:

1. 25% of the shares underlying this option shall vest and become exercisable on January 18, 2024, with the remainder vesting in twelve substantially equal quarterly installments thereafter, subject to the reporting person's continued service on each such vesting date.

## Remarks:

By: /s/ Michael Gerard 01/27/2023

\*\* Signature of Reporting Person D

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.

 $<sup>^{\</sup>star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

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