Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP |
|--|
|--|

**OMB APPROVAL** OMB Number: Estimated average burden hours per response: 0.5

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*  Talamo Joseph                |   |  |  |         |  | 2. Issuer Name and Ticker or Trading Symbol Caladrius Biosciences, Inc. [ CLBS ] |   |       |   |     |                     |   |  |  |  | cable)<br>or<br>(give title  | g Pers                       | 10% Ow<br>Other (s   | vner  |  |
|--|---|--|--|---------|--|--|---|-------|---|-----|---------------------|---|--|--|--|--|------------------------------|--|---|--|
| (Last) (First) (Middle) C/O CALADRIUS BIOSCIENCES, INC. 106 ALLEN ROAD |   |  |  |         |  | 3. Date of Earliest Transaction (Month/Day/Year) 01/09/2017                      |   |       |   |     |                     |   |  |  | SVP and CFO  |  |                              |  |   |  |
| (Street) BASKING RIDGE NJ 07920  |   |  |  | 4. 1    | 4. If Amendment, Date of Original Filed (Month/Day/Year) |  |   |       |   |     |                     |   | Line   | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person |  |  |                              |  |   |  |
| (City)   | (S  | tate)                                      | (Zip)  |         |  |  |   |       |   |     |                     |   |  |  |  |  |                              |  |   |  |
|  |   | Tab  | le I - Noi                                     | n-Deriv | /ativ  | e Se   | curities  | s Acc | μired, I  | Dis | posed o             | of, or  | Bene   | ficiall  | y Owned  |  |                              |  |   |  |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)          |   |  |  |         |  | ear)   | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |       |   |     | Disposed            | rities Acquired (A) o<br>ed Of (D) (Instr. 3, 4 |  |  | 5. Amou<br>Securitie<br>Benefici<br>Owned F<br>Reporte | es<br>ally<br>Following  | Form<br>(D) or               | : Direct<br>r Indirect<br>str. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |   |  |  |         |  |  |   |       | Code  | v   | Amount              |   | A) or<br>O)  | Price  | Transaci<br>(Instr. 3                                  | ion(s)   |                              |  |   |  |
| Common Stock 01/09/  |   |  |  |         | 9/201  | .7   |   |       |   |     | 13,300              | )(1)  | A  | \$ <mark>0</mark>  | 23,723(2)  |  |                              | D  |   |  |
| Common Stock 01/09/  |   |  |  |         | /2017  |  |   |       | F   |     | 1,672               | 2   | D  | \$3.54   | 4 22,051 <sup>(2)</sup>                                |  |                              | D  |   |  |
|  |   | -  | Table II -                                     |         |  |  |   |       |   |     | osed of,<br>onverti |   |  |  | Owned  |  |                              |  |   |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                    | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deeme<br>Execution<br>if any<br>(Month/Day | Date,   | Code (Inst   |  |   |       | 6. Date Exercisa<br>Expiration Date<br>(Month/Day/Yea |     | •                   | of Se<br>Unde<br>Deriv                          | 7. Title and Amoun<br>of Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)    | 9. Numbe<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactic<br>(Instr. 4) | e C<br>s<br>Ily D<br>o<br>(I | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4)                             |  |
|  |   |  |  |         | Code   | v  | (A)   |       | Date<br>Exercisabl                                    |     | Expiration<br>Date  | Title   | 0<br>N<br>0  | umber  |  |  |                              |  |   |  |
| Stock  | \$3.54  | 01/09/2017                                 |  |         | A  |  | 20,000  |       | 01/09/2017  | 7 0 | 01/09/2027          | Com   | non 2  | 0,000  | \$0  | 20,00  | 0                            | D  |   |  |

## **Explanation of Responses:**

- 1. Represents 13,300 shares of restricted stock granted under the Issuer's 2015 Equity Compensation Plan. 25% of the shares of restricted stock vest immediately on the grant date and the remaining 75% of the shares of restricted stock will vest annually over the following three years.
- $2.\ Includes\ 15{,}088\ shares\ of\ unvested\ restricted\ stock.$
- 3. 25% of the shares underlying the stock options vest immediately on the grant date and the remaining 75% of the shares underlying the stock options will vest annually over the following three years.

/s/ Joseph Talamo, By: /s/ Todd

C. Girolamo, Esq., Attorney-in- 01/11/2017

<u>Fact</u>

\*\* 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.

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.