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 |
|-------------|------|-------|
|-------------|------|-------|

| STATEMENT | OF CHANGES | IN BENEFICIAL | <b>OWNERSHIP</b> |
|-----------|------------|---------------|------------------|
|           |            |               |                  |

| OMB APPROVAL             |       |  |  |  |  |  |  |  |
|--------------------------|-------|--|--|--|--|--|--|--|
| OMB Number: 3235-0287    |       |  |  |  |  |  |  |  |
| 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*  GREY MICHAEL G   |        |                        |  |              | 2. Issuer Name and Ticker or Trading Symbol SPRUCE BIOSCIENCES, INC. [ SPRB ] |             |  |                          |   | (Ch  | Relationship<br>eck all appli<br>X Directo                        | cable)   | Person(s) to Is  |   |       |
|--|--------|------------------------|--|--------------|---|-------------|--|--------------------------|---|--|---|--|------------------|---|-------|
| (Last) C/O SPR   | `      | irst)<br>SCIENCES, INC | (Middle)                               |              | 3. Date of Earliest Transaction (Month/Day/Year) 05/25/2023                   |             |  |                          |   |  |   | X Officer (give title Other (specify below)  Executive Chairman    |                  |   |       |
| 611 GATEWAY BOULEVARD, SUITE 740   |        |                        |  | 4.           | 4. If Amendment, Date of Original Filed (Month/Day/Year)                      |             |  |                          |   |  | 6. Individual or Joint/Group Filing (Check Applicable Line)       |  |                  |   |       |
| (Street) SOUTH FRANCE  | ( )    | A                      | 94080                                  |              |   | 10hE        | 1/0  | \ Tropoo                 | otion In  | dication   |   |  | iled by More     | Reporting Perso                                     |       |
| (City)   | (S     | tate)                  | (Zip)                                  |              | Che   | ck this box | to inc   | Transa                   | nsaction was  | made pursu   | ant to a con  |  | on or written pl | an that is intend                                   | ed to |
|  |        | Tab                    | le I - Non-C                           | Derivativ    | e Se  | curities    | s Ac   | quired, D                | isposed   | of, or Be  | neficial  | ly Owned   | t                |   |       |
| Date   |        |                        | Transactior<br>ate<br>//onth/Day/Y     | Execution Da |   | Date        | Code (Ins  | on Dispos                |   |  | Benefici  | es For<br>ally (D)<br>Following (I) (                              | orm: Direct      | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |       |
|  |        |                        |  |              |   |             |  | Code V Amount (A) (D)    |   | Price  | Transac<br>(Instr. 3  | tion(s)  | 1                | Instr. 4)   |       |
|  |        | Т                      | able II - De<br>(e.                    |              |   |             |  | uired, Dis<br>s, options |   |  |   | Owned  |                  |   |       |
| 1. Title of Derivative Security (Instr. 3)  2. Conversion or Exercise Price of Derivative Security  Security  3. Transaction Date (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year) |        | Code                   | Transaction of Code (Instr. Derivative |              | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year)                |             | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Security<br>(Instr. 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)<br>(Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                  |   |       |
|  |        |                        |  | Code         | v   | (A)         | (D)  | Date<br>Exercisable      | Expiration<br>Date                                  | Title  | Amount<br>or<br>Number<br>of<br>Shares                            |  |                  |   |       |
| Stock<br>Option<br>(Right to<br>Buy)   | \$2.26 | 05/25/2023             |  | A            |   | 30,000      |  | (1)                      | 05/24/2033  | Common<br>Stock  | 30,000  | \$0.00   | 30,000           | D   |       |

## **Explanation of Responses:**

1. The shares vest on the first anniversary of the Grant Date, provided that the Option will in any case be fully vested on the date of Company's 2024 annual stockholder meeting, subject to the Reporting Person's Continuous Service (as defined in the 2020 Equity Incentive Plan (the "Plan")) through such vesting date and will vest in full upon a Change in Control (as defined in the Plan).

## Remarks:

/s/ Samir Gharib, Attorney-in-

**Fact** \*\* Signature of Reporting Person

05/26/2023

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.