FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Vashington, | D.C. 20549 |  |
|-------------|------------|--|
|-------------|------------|--|

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| 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).

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*  MCCLUNG BARBARA G |  |  |  |                              | 2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>Caribou Biosciences</u> , <u>Inc.</u> [ CRBU ] |  |                                 |   |       |   |                | (Che  | ationship of Reportin<br>k all applicable)<br>Director<br>Officer (give title |   | ng Person(s) to Issu<br>10% Ow<br>Other (s   |                             | ner/   |  |
|---|--|--|--|------------------------------|--|--|---------------------------------|---|-------|---|----------------|---|---|---|--|-----------------------------|--|--|
| (Last) (First) (Middle) C/O CARIBOU BIOSCIENCES, INC.       |  |  |  |                              | 3. Date of Earliest Transaction (Month/Day/Year) 12/20/2021  |  |                                 |   |       |   | _ x            | below)  |   |   | below)   |                             |  |  |
| 2929 7TH STREET, SUITE 105                                  |  |  |  | 4                            | If Amendment, Date of Original Filed (Month/Day/Year)  |  |                                 |   |       |   |                | 6 Inc   | 6. Individual or Joint/Group Filing (Check Applicable                         |   |  |                             |  |  |
| (Street) BERKEI (City)                                      |  |  | 94710  |                              |  |  |                                 |   |       |   | Line)          |   |   |   |  |                             |  |  |
| (City)  | (5   |  | (Zip)  |                              |  |  |                                 |   |       |   |                |   | <u> </u>  |   |  |                             |  |  |
|   | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |  |  |                              |  |  |                                 |   |       |   |                |   |   |   |  |                             |  |  |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D     |  |  |  | Execution Date               |  | Date,  | 3.<br>Transac<br>Code (Ir<br>8) |   |       | ities Acquired (A)<br>d Of (D) (Instr. 3, 4 |                |   | 5. Amount of Securities Beneficially Owned Following Reported                 |   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)  | rect Ir<br>direct B<br>4) 0 | Nature of direct eneficial wnership nstr. 4)                             |  |
|   | Code V Amount (A) or (D)   |  |  |                              |  |  |                                 | or  | Price | Transaction(s)<br>(Instr. 3 and 4)          |                |   |   | 115(1.4)  |  |                             |  |  |
|   | 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<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. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year | 4.<br>Transa<br>Code (<br>8) |  | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr.<br>3, 4 and 5) |                                 | 6. Date Exercise<br>Expiration Date<br>(Month/Day/Yea |       | of Securit<br>Underlyin<br>Derivative       |                | Title and Amount<br>Securities<br>Iderlying<br>Privative Security<br>Istr. 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) | y Di<br>or<br>(I)           | 10.<br>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)  |                                 | Date<br>Exercisable                                   |       | kpiration<br>ate                            | Title          | or<br>Nu  | mount<br>ımber<br>Shares  |   | (Instr. 4)   | (3)                         |  |  |
| Option to<br>purchase<br>Common<br>Stock                    | \$15.16  | 12/20/2021                                 |  | A                            |  | 147,000  |                                 | (1)   | 12    | 2/19/2031                                   | Commo<br>Stock | n 14  | 47,000  | \$0.00  | 147,000  |                             | D  |  |

## **Explanation of Responses:**

1. The shares subject to this option will vest in equal monthly installments starting on the first monthly anniversary of the grant date until the option is fully vested on December 20, 2025, subject to the reporting person's continued service to the Issuer through the applicable vesting dates.

## Remarks:

/s/ Rachel E. Haurwitz, as 12/21/2021 attorney-in-fact

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.