FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

OMB APPROVAL 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

| Name and Address of Reporting Person* Brunn Carsten | | | | | 2. Issuer Name and Ticker or Trading Symbol SELECTA BIOSCIENCES INC [SELB] | | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | | |
|--|---|-----------|----------|---|--|--|--|------------------------------|--------------------|---|-------------------------------|--|--------|---|--|----------------------------------|---|---------------------------------------|---------|--|--|
| Brunn | <u> </u> | | | | 322 | | | <u> </u> | CILI | · CL | <u> </u> | OLLI | | | X Direc | tor | | 10% O | wner | | |
| (Last) | (F | irst) (I | Middle) | | 3. Da | Date of Earliest Transaction (Month/Day/Year) | | | | | | | | | X Office below | er (give title v) | | Other (below) | specify | | |
| C/O SELECTA BIOSCIENCES, INC. | | | | | 10/01/2021 | | | | | | | | | President and CEO | | CEO | | | | | |
| 65 GRO | VE STREI | ET | | | | | | | | | | | | | | | | | | | |
| | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | |
| (Street) | ΓOWN M | ΙΛ | 2472 | | | | | | | | | | | | , | filed by On | e Repoi | rting Pers | on | | |
| , WAIEK | IOWN IV | IA 0 | 12472 | | | | | | | | | | | | | filed by More than One Reporting | | | | | |
| (City) | (9 | state) (2 | Zip) | | | Person | | | | | | | | | | | | | | | |
| | | Table | I - No | n-Deriva | tive S | Secu | rities | Acq | uired, | , Dis | posed of | , or I | Bene | eficia | lly Own | ed | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Da | | | | | Deemed cution Date, ly nth/Day/Year) | | 3. Transaction Code (Instr. 8) 4. Secur Dispose 5) | | Disposed (| ies Acquired (A Of (D) (Instr. 3 | | (A) or 3, 4 an | Benefi | ties cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | | | | |
| | | | | | | v | Amount | (A) |) or) | Price | Report Transa (Instr. : | ea ction(s) 3 and 4) | | | (Instr. 4) | | | | | | |
| Common Stock 10/01/2 | | | | | 2021 | | | A ⁽¹⁾ | | 37,500 | | A | \$0 | 29 | 294,072 | | D | | | | |
| | | Ta | | | | | | | | | osed of, o | | | | y Owne | d | , | | | | |
| 1. Title of Derivative Security (Instr. 3) | rivative Conversion Date Execution Date, curity or Exercise (Month/Day/Year) if any | | on Date, | 4. Transaction Code (Instr. 8) | | of | r osed (1. 3, 4 | 6. Date Expirat (Month | ion Da | ear) Securit Underl Derivat Securit 3 and 4 | | unt of irities erlying ative irity (II d 4) | nstr. | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4) | y O Fo O (i) | 0. Ownership orm: Direct (D) r Indirect) (Instr. 4) | Beneficial Ownership (Instr. 4) | | | |
| | | | Code | v | (A) | (D) | Date Exercis | sable | Expiration Date | Title | or Nun of | | | | | | | | | | |

Explanation of Responses:

1. On January 4, 2021, the reporting person was granted performance based restricted stock units for an aggregate of 75,000 shares of the Issuer's common stock (the "Performance RSUs"), which may be earned based on the achievement of two separate performance conditions related to the Issuer's operating and research and development activities. Any Performance RSUs will generally vest in two equal installments upon the dates of achievement of each of the two performance conditions, subject to continued employment, so long as each performance condition is met before December 31, 2021. The compensation committee of the board of directors of the Issuer has determined that the first of the performance conditions has been met, and accordingly 37,500 Performance RSUs vested on October 1,

Remarks:

/s/ Matthew Bartholomae,

Attorney-in-Fact for Carsten

** Signature of Reporting Person Date

10/05/2021

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.