FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, I | D.C. 20549 |
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| Check this box if no longer subject | STATEM |
|-------------------------------------|--------|
| to Section 16. Form 4 or Form 5 | |
| obligations may continue. See | |
| Instruction 1(b). | F |

IENT 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] | | | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | |
|--|--|---|----------------|------------------------|--|--|--------|---|-------------------------------------|-------|--|--|------------------------|--|-----------------------|--|--|--|--|
| (Last) C/O SEI | | 3. Date of Earliest Transaction (Month/Day/Year) 09/28/2022 | | | | | | | | | X Director X Officer (give title below) Presiden | | | Other (below) | | | | | |
| (Street) WATERTOWN MA 02472 (City) (State) (Zip) | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| | | Table | I - N | on-Deriva | tive S | Secui | rities | Ac | quire | d, Di | sposed of | f, or E | Benefic | ially | Own | ed | | | |
| 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye | | | | Year) | Execution Date, | | · | 3. Transaction Code (Instr. 8) 4. Securities July Disposed Of (| | | | | and 5) Securi Benef | | cially d Following | Form (D) o | wnership n: Direct or Indirect nstr. 4) | 7. Nature of Indirect Beneficial Ownership | |
| | | | | | | | | | Code | v | Amount | (A) or (D) | Price | Trans | | action(s) 3 and 4) | | | (Instr. 4) |
| Common Stock 09/28/202 | | | | |)22 | | | | S ⁽¹⁾ | | 2,692 | D | \$1.660 | 505 ⁽²⁾ 53 | | 37,867 | | D | |
| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | Exec if any | any Month/Day/Year) | | ansaction of Derivativ Securitie Acquirec (A) or Disposer of (D) (Instr. 3, and 5) | | rative rities ired r osed) r. 3, 4 | Expiration Date (Month/Day/Year) | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4) Amoun or Numbe of Title Shares | | - | | 9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | y | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |

Explanation of Responses:

- 1. Shares sold to satisfy withholding tax obligations upon the vesting of restricted stock units and to cover related broker fees.
- 2. The price reported is a weighted average price. The shares were sold in multiple transactions at per share prices ranging from \$1.6604 to \$1.6605. The Reporting Person undertakes to provide upon request to the SEC staff, the Issuer, or any stockholder of the Issuer, full information regarding the number of shares sold at each separate price within the range set forth in this footnote

Remarks:

/s/ Matthew Bartholomae,

09/30/2022 Attorney-in-Fact for Carsten

Brunn

** 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.