FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287 Estimated average burden

## Check this box if no longer subject to Section 16. Form 4 or Form 5

|  | ons may cont<br>on 1(b). |      |   |  | File  |   |   |              |         |   |            | ies Exchan            |  |   | 34  |   | hour   | s per res                                 | ponse:  | 0.5                                   |
|--|--------------------------|------|---|--|---|---|---|--------------|---------|---|------------|-----------------------|--|---|---|---|--|---|---|---------------------------------------|
| 1. Name and Address of Reporting Person*  Osage University Partners II, L.P.           |                          |      |   |  |   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol SELECTA BIOSCIENCES INC [ SELB ] |   |              |         |   |            |                       |  | 5. Relationship of R<br>(Check all applicable<br>Director   |   | ng Perso  | 10% (  | Owner                                     |   |                                       |
| (Last) (First) (Middle) 50 MONUMENT ROAD, SUITE 201                                    |                          |      |   |  | 3. Date of Earliest Transaction (Month/Day/Year) 06/27/2016 |   |   |              |         |   |            | Officer (<br>below)   | give title   |   | Other<br>below                                    | (specify  |  |   |   |                                       |
| (Street) BALA CYNWYD PA 19004  |                          |      |   |  | 4.  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                            |   |              |         |   |            |                       | Line)  | 6. Individual or Joint/Group Filing (Check Applicable Line)  Form filed by One Reporting Person  X Form filed by More than One Reporting Person |   |   |  |   |   |                                       |
| (City)   | (                        | Stat | e)  | (Zip)  |   |   |   |              |         |   |            |                       |  |   |   |   |  |   |   |                                       |
| Table I - Non-Deriva  1. Title of Security (Instr. 3)  2. Transac Date (Month/Date     |                          |      |   | action   | ear)  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)                         |   | 3.<br>Transa | action  | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 |            | (A) or                | 5. Amount<br>Securities<br>Beneficiall<br>Owned Fol                                    |   | Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) |   | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership                        |   |   |                                       |
|  |                          |      |   |  |   |   |   | Code         | v       | Amount  | ( <i>A</i> | ) or<br>)             | Price  | Reported<br>Transaction(s)<br>(Instr. 3 and 4)  |   |   | (Instr.  |   |   |                                       |
| Common   | Stock                    |      |   |  | 06/27   | 06/27/2016  |   |              |         | С   |            | 441,62                | 8  | A   | \$ <mark>0</mark>                                 | 512,543   |  |   |   | See<br>Footnote <sup>(1)</sup>        |
| Common   | Stock                    |      |   |  | 06/27   | 06/27/2016  |   |              |         | P   |            | 350,000 A             |  | A   | \$14  | 862,543   |  |   |   | See<br>Footnote <sup>(1)</sup>        |
|  |                          |      |   | Table II -                                     |   |   |   |              |         |   |            | osed of,<br>convertil |  |   |   | Owned   |  | ,   |   |                                       |
| 1. Title of Derivative Security (Instr. 3)  2. Conver or Exer Price or Derivat Securit |                          | n [  | i. Transaction<br>Date<br>Month/Day/Year) | 3A. Deeme<br>Execution<br>if any<br>(Month/Day | Date, T   | ransa<br>Code (   |   | n Derivative |         | 6. Date Exercis<br>Expiration Dat<br>(Month/Day/Ye      |            | e                     | 7. Title and Amo<br>of Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |   | s<br>Security                                     | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Numb<br>derivati<br>Securiti<br>Benefic<br>Owned<br>Followin<br>Reporte | tive<br>ties<br>cially<br>I<br>ing<br>ted | 10.<br>Ownershi<br>Form:<br>Direct (D)<br>or Indirec<br>(I) (Instr. 4 | Beneficia<br>Ownershi<br>t (Instr. 4) |
|  |                          |      |   |  | c   | Code  | v |              |         | Date<br>Exercisa  |            | Expiration<br>Date    | Title  |   | Amount<br>or<br>Number<br>of Shares               |   | Transac<br>(Instr. 4)  |   |   |                                       |
| Series E<br>Convertible<br>Preferred<br>Stock  | (2)                      |      | 06/27/2016                                |  |   | С   |   |              | 284,900 | (2)   |            | (2)                   | Comm   | 1 4   | 441,628   | \$0   | 0  | ı   | I   | See<br>Footnote <sup>()</sup>         |
|  |                          |      | porting Person*<br>Partners II, I         | L. <u>P.</u>                                   |   |   |   |              |         |   |            |                       |  |   |   |   |  |   |   |                                       |
| (Last) 50 MON SUITE 20   | UMENT I                  |      | irst)<br>AD,                              | (Midd  | lle)  |   |   |              |         |   |            |                       |  |   |   |   |  |   |   |                                       |
| (Street)   | YNWYD                    | P    | Α   | 1900   | )4  |   |   |              |         |   |            |                       |  |   |   |   |  |   |   |                                       |

| (Last)   | (First)   | (Middle) |  |
|--|---|----------|--|
| 50 MONUMENT R  | OAD,  |          |  |
| SUITE 201  |   |          |  |
| (Street)   |   |          |  |
| BALA CYNWYD  | PA  | 19004    |  |
|  |   |          |  |
| (City)  1. Name and Address of Osage Universit (Last)                  |   | (Zip)    |  |
| 1. Name and Address of Osage Universit                                 | f Reporting Person* y GP II, L.P.  (First)        |          |  |
| 1. Name and Address of Osage Universit                                 | f Reporting Person* y GP II, L.P.  (First)        |          |  |
| 1. Name and Address of Osage Universit  (Last)  50 MONUMENT R          | f Reporting Person* y GP II, L.P.  (First)        |          |  |
| 1. Name and Address of Osage Universit  (Last) 50 MONUMENT R SUITE 201 | f Reporting Person*  y GP II, L.P.  (First)  OAD, |          |  |

| (Last) 50 MONUMENT R SUITE 201 | (First) | (Middle) |
|--------------------------------|---------|----------|
| (Street) BALA CYNWYD           | PA      | 19004    |
| (City)                         | (State) | (Zip)    |

## **Explanation of Responses:**

1. Held by Osage University Partners II, L.P. ("Osage"). Osage Partners, LLC ("Osage Partners") is the general parter of Osage University GP II, LP ("Osage GP"), which is the general partner of Osage. Osage Partners and Osage GP may be deemed to share voting and investment power with respect to all shares held by Osage. Each of the filing persons disclaims beneficial ownership of the securities reported herein except to the extent of their pecuniary interest therein.

2. The Series E Convertible Preferred Stock is convertible at any time, at the holder's election and has no expiration date. The Series E Convertible Preferred Stock automatically converted into common stock on an approximately 1-for-1.550115 basis upon the closing of the Issuer's initial public offering.

**OSAGE UNIVERSITY** PARTNERS II, L.P. By: Osage

University GP II, LP, its GP By: 06/29/2016

Osage Partners, LLC, its GP By: /s/ William Harrington,

<u>Member</u>

OSAGE UNIVERSITY GP II,

LP By: Osage Partners, LLC, its 06/29/2016 GP By: /s/ William Harrington,

<u>Member</u>

OSAGE PARTNERS, LLC By:

06/29/2016 /s/ William Harrington, Member

\*\* Signature of Reporting Person

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.