

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>KANIA EDWIN M JR</u>			2. Issuer Name and Ticker or Trading Symbol <u>SELECTA BIOSCIENCES INC [ SELB ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>06/27/2016</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
<u>ONE MEMORIAL DRIVE, 7TH FLOOR</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <u>CAMBRIDGE MA 02142</u>								
(City) (State) (Zip)								

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	06/27/2016		C		318,752	A	(2)	349,867	I	See Footnote <sup>(1)</sup>
Common Stock	06/27/2016		C		631,458	A	(2)	981,325	I	See Footnote <sup>(1)</sup>
Common Stock	06/27/2016		C		235,042	A	(2)	1,216,367	I	See Footnote <sup>(1)</sup>
Common Stock	06/27/2016		C		241,718	A	(2)	1,458,085	I	See Footnote <sup>(1)</sup>
Common Stock	06/27/2016		C		193,777	A	(3)	1,651,862	I	See Footnote <sup>(1)</sup>

**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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series A Convertible Preferred Stock	(2)	06/27/2016		C			318,752	(2)	(2)	Common Stock	318,752	\$0	0	I	See Footnote <sup>(1)</sup>
Series B Convertible Preferred Stock	(2)	06/27/2016		C			631,458	(2)	(2)	Common Stock	631,458	\$0	0	I	See Footnote <sup>(1)</sup>
Series C Convertible Preferred Stock	(2)	06/27/2016		C			235,042	(2)	(2)	Common Stock	235,042	\$0	0	I	See Footnote <sup>(1)</sup>
Series D Convertible Preferred Stock	(2)	06/27/2016		C			241,718	(2)	(2)	Common Stock	241,718	\$0	0	I	See Footnote <sup>(1)</sup>
Series E Convertible Preferred Stock	(3)	06/27/2016		C			125,008	(3)	(3)	Common Stock	193,777	\$0	0	I	See Footnote <sup>(1)</sup>

**Explanation of Responses:**

- Held by Flagship Ventures Fund 2007, L.P. ("Flagship 2007"). Flagship Ventures 2007 General Partner LLC ("Flagship 2007 LLC") is the general partner of Flagship 2007. Noubar B. Afeyan, Ph.D. and Edwin M. Kania, Jr. are the managers of Flagship 2007 LLC. Flagship 2007 LLC and each of these individuals may be deemed to share voting and investment power with respect to all shares held by Flagship 2007. Each of the filing persons disclaims beneficial ownership of such shares except to the extent of his or its pecuniary interest therein.
- The preferred stock is convertible at any time, at the holder's election and has no expiration date. The preferred stock automatically converted into common stock on a 1-for-1 basis upon the closing of the Issuer's initial public offering.
- 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.

/s/ Edwin M. Kania Jr.

06/29/2016

\*\* Signature of Reporting Person

Date

\* 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.**