

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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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* <u>RA CAPITAL MANAGEMENT, LLC</u> (Last) (First) (Middle) <u>C/O RA CAPITAL MANAGEMENT, LLC</u> <u>20 PARK PLAZA, SUITE 1200</u> (Street) <u>BOSTON MA 02116</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>12/11/2013</u>	3. Issuer Name and Ticker or Trading Symbol <u>SANGAMO BIOSCIENCES INC [SGMO]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	4,028,362	D ⁽¹⁾⁽²⁾	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Call Option (right to buy)	(3)	01/17/2015	Common Stock	2,235,000 ⁽⁴⁾	7	D ⁽¹⁾⁽²⁾
Call Option (obligation to sell)	(3)	01/17/2015	Common Stock	2,205,500 ⁽⁵⁾	15	D ⁽¹⁾⁽²⁾

1. Name and Address of Reporting Person* <u>RA CAPITAL MANAGEMENT, LLC</u> (Last) (First) (Middle) <u>C/O RA CAPITAL MANAGEMENT, LLC</u> <u>20 PARK PLAZA, SUITE 1200</u> (Street) <u>BOSTON MA 02116</u> (City) (State) (Zip)
1. Name and Address of Reporting Person* <u>RA Capital Healthcare Fund LP</u> (Last) (First) (Middle) <u>C/O RA CAPITAL MANAGEMENT, LLC</u> <u>20 PARK PLAZA, SUITE 1200</u> (Street) <u>BOSTON MA 02116</u> (City) (State) (Zip)
1. Name and Address of Reporting Person* <u>Kolchinsky Peter</u> (Last) (First) (Middle) <u>C/O RA CAPITAL MANAGEMENT, LLC</u> <u>20 PARK PLAZA, SUITE 1200</u> (Street) <u>BOSTON MA 02116</u> (City) (State) (Zip)

(Street)		
BOSTON	MA	02116
(City)	(State)	(Zip)

Explanation of Responses:

1. The reported securities are owned by RA Capital Healthcare Fund, L.P. (the "Fund"). RA Capital Management, LLC (the "Adviser") is the general partner of the Fund, and Peter Kolchinsky is the sole manager of the Adviser. The Adviser and Mr. Kolchinsky disclaim beneficial ownership of the reported securities in reliance on Rule 16a-1(a)(1)(v) and (vii), respectively, and therefore disclaim any obligation to report ownership of the reported securities other than on behalf of the Fund. The filing of this Form 3 shall not be construed as an admission that either the Adviser or Mr. Kolchinsky is or was, for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise, the beneficial owner of any of the securities reported herein.
2. This Form 3 is being filed to report the Fund's holdings as of December 11, 2013, the date on which the Fund became the beneficial owner of more than 10% of the issuer's outstanding common stock. This Form 3 reports all equity securities of the issuer beneficially owned by the Fund as of the time the Fund became subject to Section 16.
3. These options are exercisable at any time prior to their expiration.
4. These options are represented by 22,350 call option contracts, each representing a right to purchase 100 shares of the issuer's common stock at \$7.00 per share.
5. These options are represented by 16,550 call option contracts, each representing a right to purchase 100 shares of the issuer's common stock at \$20.00 per share.

/s/ Peter Kolchinsky, Manager
of RA Capital Management,
LLC 02/18/2015

/s/ Peter Kolchinsky,
individually 02/18/2015

/s/ Peter Kolchinsky, Manager
of RA Capital Management,
LLC, the General Partner of
RA Capital Healthcare Fund,
L.P. 02/18/2015

** 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 5 (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.