FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| | OMB APPROVAL | | | | | | | | | | |
|----|-------------------|-----------|--|--|--|--|--|--|--|--|--|
| OI | MB Number: | 3235-0287 | | | | | | | | | |
| Es | timated average I | burden | | | | | | | | | |

0.5

hours per response:

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

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|--|---|--|---|--------------------|---|---|--|-------------------|--|------------------|---|--|-----------------------------------|---|---|--|-----------------------------------|--|--|
| 1. Name and Address of Reporting Person* | | | | | | 2. Issuer Name and Ticker or Trading Symbol SANGAMO BIOSCIENCES INC SGMO | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | |
| GERBER WILLIAM G | | | | | | | | 00011 | | 220 11 10 | [001.1 | ۱ ' | X | Directo | r | | 10% Ow | ner | |
| (Last) (First) (Middle) C/O SANGAMO BIOSCIENCES INC, STE A-100 | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 06/04/2008 | | | | | | | | | Officer below) | (give title | | Other (s below) | pecify | |
| | | | | | | | | | | | | | | | | | | | |
| POINT RICHMOND TECH CNTR,501 CANAL BLVD. | | | | | 4. 1 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | |
| (Street) | | | | | | | | | | | | | | X | Form f | led by One | Repo | orting Persor | ı |
| RICHM | OND C | A | 94804 | | | | | | | | | | | | Form fi Persor | | e than | One Repor | ting |
| (City) | (S | tate) | (Zip) | | | | | | | | | | | | | | | | |
| | | Tab | le I - Nor | n-Deriv | ativ | e Se | curit | ies Ac | quirec | l, Di | sposed o | f, or Be | nefic | ially | Owned | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | | Day/Year) i | | 2A. Deemed Execution Date, if any (Month/Day/Year | | , Transaction Disposed Code (Instr. 5) | | ities Acquired (A) d Of (D) (Instr. 3, 4 | | 4 and Securition Benefici Owned I | | es Formally (D) (I) (I) | | : Direct r Indirect str. 4) | 7. Nature of Indirect Beneficial Ownership | |
| | | | | | | | | | Code | v | Amount | Amount (A) or (D) | | ce | Reported Transaction(s) (Instr. 3 and 4) | | | | Instr. 4) |
| | | - | Table II - I | Deriva (e.g., p | tive outs, | Sec call | uritie s, wa | es Acq arrants | uired, s, optic | Dis | posed of, converti | or Ber ble sec | eficia uritie: | ılly (s) | Owned | | | | |
| 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) | | | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | | 7. Title and Amoun of Securities Underlying Derivative Security (Instr. 3 and 4) | | | B. 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 Exercis | able | Expiration Date | Title | Amor or Numl of Share | oer | | | | | |
| Stock Option (Right to Buy) | \$10.17 | 06/04/2008 | | | A | | | 10,000 | (1) | | 06/04/2018 | Common Stock | 10,0 | 00 | \$0 | 10,000 |) | D | |

Explanation of Responses:

1. Each option is immediately exercisable for all option shares, but shares purchased under the option are subject to certain repurchase rights by the Issuer upon the cessation of the Reporting Person's service on the board of directors of the Issuer. The shares subject to each option vest in monthly installments upon completion of each month of Board service over a one year period.

/s/ William G. Gerber

06/05/2008

** Signature of Reporting Person

on 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.