## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL |
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|              |

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## 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

| 1. Name and Address of Reporting Person*  LANPHIER EDWARD O II                       |  |  |                         |  |   | 2. Issuer Name and Ticker or Trading Symbol SANGAMO BIOSCIENCES INC [ SGMO ] |                                |   |       |   |                         |  |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  X Director 10% Owner                     |   |   |  |   |  |
|--|--|--|-------------------------|--|---|--|--------------------------------|---|-------|---|-------------------------|--|--|---|---|---|--|---|--|
|  | IGAMO BI   | rst) (IOSCIENCES, II                               |                         | l00A<br>AL   | 3. Date of Earliest Transaction (Month/Day/Year) 01/16/2007 |  |                                |   |       |   |                         |  | X Officer (give title Other (specify below)  Pres & Chief Ex Officer |   |   |   |  |   |  |
| (Street) RICHMOND CA 94804   |  |  |                         | 4. If Amendment, Date of Original Filed (Month/Day/Year) |   |  |                                |   |       |   |                         | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person |  |   |   |   |  |   |  |
| (City)   | (St  |  | Zip)                    |  |   |  |                                |   |       |   |                         |  |  |   |   |   |  |   |  |
| Table I - Non-Deriva  1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day) |  |  |                         | Transactio   | ion 2A. Deeme<br>Execution<br>//Year) if any                |  | emed                           | 3.<br>Transaction<br>Code (Instr.<br>8) |       | 4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4 5)                                     |                         | d (A) o  | 5. Amount of Securities Beneficially Owned Followir Reported         |   | nt of<br>es<br>ally<br>following                      | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) |  | 7. Nature of<br>ndirect<br>Beneficial<br>Ownership<br>Instr. 4) |  |
|  |  |  |                         |  |   |  |                                | Code                                    | v     | Amount  | (A) or<br>(D)           | Price  | •  | Transact<br>(Instr. 3   |   |   |  |   |  |
| Common   | Stock  |  | 0                       | 01/16/20   | 07  |  |                                | S <sup>(1)</sup>                        |       | 3,866   | D                       | \$6.   | .34  | 1,96  | 0,126   | I   | 1  | By Trust <sup>(2)</sup>   |  |
| Common   | Stock  |  | 0                       | 01/16/20   | 07  |  |                                | S <sup>(1)</sup>                        |       | 6,034   | D                       | \$6.   | .35  | 1,95  | 4,092   | I   | 1  | By Trust <sup>(2)</sup>   |  |
| Common   | Stock  |  | 0                       | 01/16/20   | 07  |  |                                | S <sup>(1)</sup>                        |       | 900   | D                       | \$6.   | .38  | 1,95  | 3,192   | I   | 1  | By Trust <sup>(2)</sup>   |  |
| Common   | Stock  |  | 0                       | 01/16/20   | 07  |  |                                | S <sup>(1)</sup>                        |       | 100   | D                       | \$6.   | .39  | 1,95  | 3,092   | I   | -  | By Trust <sup>(2)</sup>   |  |
| Common   |  |  | 0                       | 01/16/20   | 07  |  |                                | S <sup>(1)</sup>                        |       | 3,800   | D                       | \$6  | 5.4  | 1,94  | 9,292   | I   | 1  | By Trust <sup>(2)</sup>   |  |
| Common Stock 0   |  |  | 01/16/2007              |  |   |  | S <sup>(1)</sup>               |   | 3,400 | D   | \$6.                    | .41  | 1,94   | 5,892   | I   | _   | By Trust <sup>(2)</sup>  |   |  |
| Common Stock   |  |  | 0                       | 01/16/2007   |   | S <sup>(1</sup>  |                                | S <sup>(1)</sup>                        |       | 6,700   | D                       | \$6.42 1,939,192   |  | 9,192   | I   | ]   | By Trust <sup>(2)</sup>  |   |  |
| Common Stock   |  |  | 01/16/2007              |  |   | s <sup>(1)</sup> 200 D \$6.43 1,938,99                                       |                                | 8,992                                   | I     | ]   | By Trust <sup>(2)</sup> |  |  |   |   |   |  |   |  |
| Common   | Stock  |  |                         |  |   |  |                                |   |       |   |                         | _  |  | 200   | ,000  | D   |  |   |  |
| Common Stock   |  |  |                         |  |   |  |                                |   |       |   |                         |  |  | 100,000   |   | I   |  | By Trust<br>For Son <sup>(3)</sup>                              |  |
| Common Stock   |  |  |                         |  |   |  |                                |   |       |   |                         |  |  | 100,000   |   | I   | 1  | By Trust<br>for<br>Daughter <sup>(3)</sup>                      |  |
| Common Stock   |  |  |                         |  |   |  |                                |   |       |   |                         |  | 100,000  |   | I   | 1   | By Trust<br>For<br>Daughter <sup>(3)</sup>                         |   |  |
| Common Stock   |  |  |                         |  |   |  |                                |   |       |   |                         |  | 100,000  |   | I   | l i   | By Trust<br>for<br>Daughter <sup>(3)</sup>                         |   |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |                         |  |   |  |                                |   |       |   |                         |  |  |   |   |   |  |   |  |
| perivative Conversion Date Execution Conversion (Month/Day/Year) if any              |  | 3A. Deemed<br>Execution D<br>if any<br>(Month/Day/ | on Date, Transa<br>Code |  |   |  | 6. Date<br>Expirati<br>(Month) | on Da                                   |       | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |                         |  |  | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactic<br>(Instr. 4) | Ownersl<br>Form:<br>Direct (Dor Indire<br>(I) (Instr. |   | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |  |
|  | of Pasnons   |  |                         | Co   | ode \   | v (  | A) (D)                         | Date<br>Exercis                         | able  | Expiration<br>Date  |                         | or<br>Number<br>of<br>Shares   |  |   |   |   |  |   |  |

- 1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on July 28, 2006. In addition, the shares reported as beneficially owned in column 5 reflect certain gifts made in 2006.
- 2. These shares are held in the Edward O. Lanphier II and Cameron M. Lanphier Trust U/T/A August 30, 2002, Edward O. Lanphier II and Cameron M. Lanphier, Trustees.
- 3. Reporting Person disclaims beneficial ownership of the shares held by each of his children and this report shall not be deemed to be an admission that Mr. Lanphier is the beneficial owner of such securities for purposes of Section 16 or for any other purpose.

/s/ Edward O. Lanphier, II

\*\* Signature of Reporting Person

<u>Lanphier, II</u> <u>01/18/2007</u>

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.

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