

Sirgo Mark A  
 Form 5  
 February 11, 2009

# FORM 5

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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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).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person \*  
 Sirgo Mark A

2. Issuer Name and Ticker or Trading Symbol  
 BIODELIVERY SCIENCES INTERNATIONAL INC [BDSI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2008

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 President and CEO

801 CORPORATE CENTER DRIVE, SUITE 210

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting

(check applicable line)

RALEIGH, NC 27607

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

(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 at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|--|--|---|
| Common Stock                    | 09/02/2004                           |  | P4                             | 100 A \$ 2.9  | 300 <sup>(1)</sup>   | I  | Via Family  |
| Common Stock                    | 09/14/2004                           |  | P4                             | 100 A \$ 2.78   | 300 <sup>(1)</sup>   | I  | Via Family  |
| Common Stock                    | 09/15/2004                           |  | P4                             | 100 A \$ 2.69   | 300 <sup>(1)</sup>   | I  | Via Family  |
| Common Stock                    | 08/11/2005                           |  | P4                             | 200 A \$ 2.72   | 1,100 <sup>(2)</sup>   | I  | Via   |

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| Stock        |            |   |    |        |   |          |                        |   |  | Family     |
|--------------|------------|---|----|--------|---|----------|------------------------|---|--|------------|
| Common Stock | 08/29/2005 | Â | P4 | 200    | A | \$ 2.575 | 1,100 <sup>(2)</sup>   | I |  | Via Family |
| Common Stock | 09/30/2005 | Â | P4 | 400    | A | \$ 1.92  | 1,100 <sup>(2)</sup>   | I |  | Via Family |
| Common Stock | 09/30/2005 | Â | P4 | 500    | A | \$ 1.93  | 20,300 <sup>(2)</sup>  | D |  | Â          |
| Common Stock | 06/22/2007 | Â | P4 | 500    | A | \$ 3.99  | 824,443 <sup>(3)</sup> | D |  | Â          |
| Common Stock | 06/25/2007 | Â | M4 | 20,000 | A | \$ 2.05  | 824,443 <sup>(3)</sup> | D |  | Â          |
| Common Stock | 12/07/2007 | Â | P4 | 100    | A | \$ 2.67  | 824,443 <sup>(3)</sup> | D |  | Â          |
| Common Stock | 03/17/2008 | Â | P4 | 1,000  | A | \$ 2.35  | 858,175 <sup>(4)</sup> | D |  | Â          |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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**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 Underlying Securities (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| Option (to buy)                            | \$ 2.05  | 06/25/2007                           | Â  | M4                             | Â 20,000  | 07/26/2006 07/27/2016                                    | Common Stock 20,000   |

**Reporting Owners**

| Reporting Owner Name / Address   | Relationships |           |                     |       |
|--|---------------|-----------|---------------------|-------|
|  | Director      | 10% Owner | Officer             | Other |
| Sirgo Mark A<br>801 CORPORATE CENTER DRIVE<br>SUITE 210<br>RALEIGH, NC 27607 | Â X           | Â         | Â President and CEO | Â     |

## Signatures

/s/Mark A. Sirgo

02/03/2009

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

\* 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).

- (1) As of fiscal year ending December 31, 2004
- (2) As of fiscal year ending December 31, 2005.
- (3) As of the fiscal year ending December 31, 2007.
- (4) As of the fiscal year ending December 31, 2008.
- (5) Not applicable.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.