

BIODELIVERY SCIENCES INTERNATIONAL INC  
 Form 4  
 June 14, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 MANNINO RAPHAEL J

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)  
 185 SOUTH ORANGE AVENUE  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 06/12/2007

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 EVP & Chief Scientific Officer

NEWARK, NJ 01703

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
			Code	V	Amount		
Common Stock	06/12/2007		S		5,197	D	
					\$ 4.821		
					132,609	D	

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

**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 control number.**

SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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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)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
Option	\$ 5.5					03/06/2002 09/26/2007	Common Stock	15,423
Option	\$ 1.7					09/26/2004 09/26/2007	Common Stock	20,000
Option	\$ 1.63					01/31/2003 01/31/2008	Common Stock	60,000
Option	\$ 3.83					08/14/2003 08/14/2013	Common Stock	51,449
Option	\$ 2.29					07/29/2004 07/29/2014	Common Stock	20,000
Option	\$ 2.05					07/27/2006 07/27/2016	Common Stock	20,000
Option	\$ 2.94					07/28/2006 07/28/2015	Common Stock	23,571
Option	\$ 3.4					10/21/2006 10/21/2014	Common Stock	4,117

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MANNINO RAPHAEL J 185 SOUTH ORANGE AVENUE NEWARK, NJ 01703	X		EVP & Chief Scientific Officer	

## Signatures

/s/Raphael J.  
Mannino

06/12/2007

\*\*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).

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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