BIODELIVERY SCIENCES INTERNATIONAL INC Form SC 13G/A February 17, 2015

### SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

#### SCHEDULE 13G (Rule 13d-102)

### INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 2) \*

**BioDelivery Sciences International, Inc.** 

(Name of Issuer)

Common Stock

(Title of Class of Securities)

09060J106

(CUSIP Number)

December 31, 2014

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

0	Rule 13d-1(b)
X	Rule 13d-1(c)
0	Rule 13d-1(d)

(Page 1 of 11 Pages)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 09060	J106 13G			Page 2 of 11 Pages
1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)			
	Deerfield Mgm	t, L.P.		
2.	CHECK THE APPROPRIATE BOX IF A(a) oMEMBER OF A GROUP*(b) x			
3.	SEC USE ONLY			
4.	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Delaware			
	5.	SOLE VOTING POWER		
NUMBER OF		0		
SHARES BENEFICIALLY	6.	SHARED VOTING POWER		
OWNED BY EACH		464,083 (1)		
REPORTING	7.	SOLE DISPOSITIVE POWER		
PERSON WITH		0		
	8.	SHARED DISPOSITIVE POWER		
		464,083 (1)		
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			NG
	464,083 (1)			
10. CHECK BOX IF THE AGGREGATE AMOUN				
	IN ROW (9) EXCLUDES CERTAIN SHARES*			
11.	PERCENT OF	CLASS REPRESENTED BY AMC	OUNT IN ROW 9	
	0.90%			
12.	TYPE OF REP	ORTING PERSON*		
	PN			

(1) Comprised of an aggregate of shares of common stock held by Deerfield Partners, L.P. and Deerfield International Master Fund, L.P., of which Deerfield Mgmt, L.P. is the general partner.

Page 3 of 11 Pages

1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)			
	Deerfield Management Company, L.P.			
2.	CHECK THE APPROPRIATE BOX IF A(a) oMEMBER OF A GROUP*(b) x			
3.	SEC USE ONLY			
4.	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Delaware			
	5.	SOLE VOTING POWER		
NUMBER OF		0		
SHARES BENEFICIALLY	6.	SHARED VOTING POWER		
OWNED BY		464,083 (2)		
EACH REPORTING	7.	SOLE DISPOSITIVE POWER		
PERSON WITH		0		
	8.	SHARED DISPOSITIVE POWER	R	
		464,083 (2)		
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTIN PERSON			
	464,083 (2)			
10.	CHECK BOX IF THE AGGREGATE AMOUNT "			
	IN ROW (9) EXCLUDES CERTAIN SHARES*			
11				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9			
	0.90%			
12.	TYPE OF REPORTING PERSON*			
	PN			

(2) Comprised of an aggregate of shares of common stock held by Deerfield Partners, L.P. and Deerfield International Master Fund, L.P., of which Deerfield Mgmt, L.P. is the general partner.

Page 4 of 11 Pages

1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)		
	Deerfield Partne	ers, L.P.	
2.	CHECK THE APPROPRIATE BOX IF A(a) oMEMBER OF A GROUP*(b) x		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Delaware		
	5.	SOLE VOTING POWER	
NUMBER OF		0	
SHARES BENEFICIALLY	6.	SHARED VOTING POWER	
OWNED BY EACH		206,053	
REPORTING	7.	SOLE DISPOSITIVE POWER	
PERSON WITH		0	
	8.	SHARED DISPOSITIVE POW	ER
		206,053	
9.	AGGREGATE PERSON	AMOUNT BENEFICIALLY OV	VNED BY EACH REPORTING
	206,053		
10.	CHECK BOX IF THE AGGREGATE AMOUNT		
	IN ROW (9) EX	XCLUDES CERTAIN SHARES*	
11.	PERCENT OF	CLASS REPRESENTED BY AN	AOUNT IN ROW 9
	0.400		
12.	0.40% TYPE OF REP	ORTING PERSON*	
	PN		

Page 5 of 11 Pages

1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)			
	Deerfield Intern	ational Master Fund, L.P.		
2.	CHECK THE APPROPRIATE BOX IF A(a) oMEMBER OF A GROUP*(b) x			
3.	SEC USE ONLY			
4.	CITIZENSHIP OR PLACE OF ORGANIZATION			
	British Virgin Islands			
	5.	SOLE VOTING POWER		
NUMBER OF		0		
SHARES BENEFICIALLY	6.	SHARED VOTING POWER		
OWNED BY		258,030		
EACH REPORTING	7.	SOLE DISPOSITIVE POWER		
PERSON WITH		0		
	8.	SHARED DISPOSITIVE POW	/ER	
		258,030		
9.	AGGREGATE PERSON	AMOUNT BENEFICIALLY O	WNED BY EACH REPORTING	
	258,030			
10.	CHECK BOX IF THE AGGREGATE AMOUNT "			
	IN ROW (9) EXCLUDES CERTAIN SHARES*			
11.	PERCENT OF	CLASS REPRESENTED BY A	MOUNT IN ROW 9	
12.	0.50%	ODTING DEDSONI*		
12.	TYPE OF REPORTING PERSON*			
	PN			

Page 6 of 11 Pages

1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)			
	James E. Flynn			
2.	CHECK THE APPROPRIATE BOX IF A(a) oMEMBER OF A GROUP*(b) x			
3.	SEC USE ONLY			
4.	CITIZENSHIP OR PLACE OF ORGANIZATION			
	United States			
	5.	SOLE VOTING POWER		
NUMBER OF		0		
SHARES BENEFICIALLY	6.	SHARED VOTING POWER		
OWNED BY		464,083 (3)		
EACH REPORTING	7.	SOLE DISPOSITIVE POWER		
PERSON WITH		0		
	8.	SHARED DISPOSITIVE POW	ER	
		464,083 (3)		
9.	AGGREGATE PERSON	AMOUNT BENEFICIALLY OV	WNED BY EACH REPORTING	
	464,083 (3)			
10.	CHECK BOX IF THE AGGREGATE AMOUNT			
	IN ROW (9) EXCLUDES CERTAIN SHARES*			
11	DEDCENTOE			
11.	PERCENT UF	CLASS REPRESENTED BY AN	VIOUNT IN KOW 9	
10	0.90%			
12.	TYPE OF REPORTING PERSON*			
	IN			

(3) Comprised of an aggregate of shares of common stock held by Deerfield Partners, L.P. and Deerfield International Master Fund, L.P.

# Page 7 of 11 Pages

Item 1(a).	Name of Issuer:
	BioDelivery Sciences International, Inc.
Item 1(b).	Address of Issuer's Principal Executive Offices:
	801 Corporate Center Drive, Suite #210 Raleigh, NC 27607
Item 2(a).	Name of Person Filing:
	James E. Flynn, Deerfield Mgmt, L.P., Deerfield Management Company, L.P., Deerfield Partners, L.P., Deerfield International Master Fund, L.P.
Item 2(b).	Address of Principal Business Office, or if None, Residence:
	James E. Flynn, Deerfield Mgmt, L.P., Deerfield Management Company, L.P., Deerfield Partners, L.P., Deerfield International Master Fund, L.P., 780 Third Avenue, 37th Floor, New York, NY 10017
Item 2(c).	Citizenship:
	Deerfield Mgmt, L.P., Deerfield Management Company, L.P. and Deerfield Partners, L.P Delaware limited partnerships; Deerfield International Master Fund, L.P British Virgin Islands limited partnership; James E. Flynn – United States citizen
Item 2(d).	Title of Class of Securities:
	Common Stock
Item 2(e).	CUSIP Number:
	09060J106
Item 3.	If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:
(a)	o Broker or dealer registered under Section 15 of the Exchange Act.

- (b) o Bank as defined in Section 3(a)(6) of the Exchange Act.
- (c) o Insurance company as defined in Section 3(a)(19) of the Exchange Act.
- (d) o Investment company registered under Section 8 of the Investment Company Act.
- (e) o An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f) o An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);

#### CUSIP No. 09060J106 13G

### Page 8 of 11 Pages

(g)	0	A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
(h)	0	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
(i)	0	A church plan that is excluded from the definition of an investment company under Section $3(c)(14)$ of the Investment Company Act;
(j)	0	A non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J);
(k)	0	Group, in accordance with Rule 13d-1(b)(1)(ii)(K).
If filing as a	n no	n-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J), please specify the type of institution:

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned\*\*:

Deerfield Mgmt, L.P. – 464,083 shares Deerfield Management Company, L.P. – 464,083 shares Deerfield Partners, L.P. – 206,053 shares Deerfield International Master Fund, L.P. – 258,030 shares James E. Flynn – 464,083 shares

(b) Percent of class\*\*:

Deerfield Mgmt, L.P. -0.90%Deerfield Management Company, L.P. -0.90%Deerfield Partners, L.P. -0.40%Deerfield International Master Fund, L.P. -0.50%James E. Flynn -0.90%

(c) Number of shares as to which such person has\*\*:

(i)	Sole power to vote or to d	irect the vote	All Reporting Persons - 0
(ii) Shared power	to vote or to direct the vote	Deerfield M	gmt, L.P 464,083
		Deerfield M	anagement Company, L.P.
		- 464,083	
		Deerfield Pa	artners, L.P. – 206,053
		Deerfield In	ternational Master Fund, L.P.
		- 258,030	
		James E. Fly	ynn - 464,083

(iii)Sole power to dispose or to direct the disposition of

All Reporting Persons - 0

(iv) Shared power to dispose or to direct the disposition of

Deerfield Mgmt, L.P. – 464,083 Deerfield Management Company, L.P. – 464,083 Deerfield Partners, L.P. – 206,053 Deerfield International Master Fund, L.P. – 258,030 James E. Flynn - 464,083

\*\*See footnotes on cover pages which are incorporated by reference herein.

CUSIP No. 09060J106 13G

Page 9 of 11 Pages

Item 5.

Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities check the following x.

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than five percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

N/A

Item Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by theParent Holding Company or Control Person.

If a parent holding company or Control person has filed this schedule, pursuant to Rule 13d-1(b)(1)(ii)(G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company or control person has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

#### N/A

Item 8. Identification and Classification of Members of the Group.

If a group has filed this schedule pursuant to ss.240.13d-1(b)(1)(ii)(J), so indicate under Item 3(j) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to ss.240.13d-1(c) or ss.240.13d-1(d), attach an exhibit stating the identity of each member of the group.

#### See Exhibit B

Item 9.

Notice of Dissolution of Group.

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to transactions in the security reported on will be filed, if required, by members of the group, in their individual capacity. See Item 5.

N/A

CUSIP No. 09060J106 13G

Page 10 of 11 Pages

Item 10.

Certifications.

"By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under §240.14a–11."

### CUSIP No. 09060J106 13G

### Page 11 of 11 Pages

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DEERFIELD MGMT, L.P.

By: J.E. Flynn Capital, LLC, General Partner

By: /s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact

#### DEERFIELD MANAGEMENT COMPANY, L.P.

By: Flynn Management LLC, General Partner

By: /s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact

#### DEERFIELD PARTNERS, L.P.

- By: Deerfield Mgmt, L.P., General Partner
- By: J.E. Flynn Capital, LLC, General Partner

By: /s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact

#### DEERFIELD INTERNATIONAL MASTER FUND, L.P.

- By: Deerfield Mgmt, L.P., General Partner
- By: J.E. Flynn Capital, LLC, General Partner

By: /s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact

### JAMES E. FLYNN

/s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact Date: February 17, 2015

### Exhibit List

Exhibit A. Joint Filing Agreement.

Exhibit B. Item 8 Statement.

Exhibit C. Power of Attorney (1).

(1) Power of Attorney previously filed as Exhibit 24 to a Form 3 with regard to Avalanche Biotechnologies, Inc. filed with the Securities and Exchange Commission on July 30, 2014 by Deerfield Mgmt, L.P., Deerfield Mgmt III, L.P., Deerfield Special Situations Fund, L.P., Deerfield Special Situations International Master Fund, L.P., Deerfield Private Design Fund III, L.P. and James E. Flynn.

## Exhibit A

### Agreement

The undersigned agree that this Schedule 13G, and all amendments thereto, relating to the Common Stock of BioDelivery Sciences International, Inc. shall be filed on behalf of the undersigned.

### DEERFIELD MGMT, L.P.

By: J.E. Flynn Capital, LLC, General Partner

By: /s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact

### DEERFIELD MANAGEMENT COMPANY, L.P.

By: Flynn Management LLC, General Partner

By: /s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact

### DEERFIELD PARTNERS, L.P.

By: Deerfield Mgmt, L.P., General Partner

By: J.E. Flynn Capital, LLC, General Partner

By: /s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact

### DEERFIELD INTERNATIONAL MASTER FUND, L.P.

By: Deerfield Mgmt, L.P., General Partner

By: J.E. Flynn Capital, LLC, General Partner

By: /s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact

### JAMES E. FLYNN

/s/ Jonathan Isler Jonathan Isler, Attorney-In-Fact

## Exhibit B

Due to the relationships between them, the reporting persons hereunder may be deemed to constitute a "group" with one another for purposes of Section 13(d)(3) of the Securities Exchange Act of 1934.