

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

SCHEDULE 13G

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

Under the Securities Exchange Act of 1934  
(Amendment No. 4)\*

**BioDelivery Sciences International, Inc.**  
(Name of Issuer)

**Common Stock, par value \$0.001 per share**  
(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:**

**Rule 13d-1(b)**

**Rule 13d-1(c)**

**Rule 13d-1(d)**

**\*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 disclosures provided in a prior cover page.**

**The information required on 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 (the "Act") 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).**

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CUSIP No. 09060J106

**NAMES OF  
REPORTING PERSONS  
I.R.S. IDENTIFICATION  
NOS. OF ABOVE  
PERSONS (entities only)**

**1**

Baker Bros. Advisors LP

13-4093645

**CHECK  
THE  
APPROPRIATE  
BOX IF A (a) "  
MEMBER  
2 OF A (b) "  
GROUP  
(See  
Instructions)**

**2**

**SEC USE ONLY**

**3**

**CITIZENSHIP OR  
PLACE OF  
ORGANIZATION**

**4**

Delaware

**SOLE  
VOTING  
POWER**

**5**

**NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH**

2,349,021  
**6 SHARED  
VOTING  
POWER**

-0-  
**SOLE  
DISPOSITIVE  
POWER**

**7**

2,349,021  
**SHARED  
DISPOSITIVE  
POWER**

**8**

-0-  
**AGGREGATE AMOUNT  
BENEFICIALLY  
OWNED BY EACH  
REPORTING PERSON**

**9**

2,349,021  
**CHECK  
BOX IF  
THE  
AGGREGATE  
AMOUNT  
IN ROW (9)  
EXCLUDES\*\*  
CERTAIN  
SHARES  
(See  
Instructions)**

**10**

**PERCENT OF CLASS  
REPRESENTED BY  
AMOUNT IN ROW 9**

**11**

4.4% (1)  
**TYPE OF REPORTING  
PERSON (See  
Instructions)**

**12**

IA, PN

(1) Based on 51,301,429 shares of common stock outstanding as of November 3, 2014 reported in the Issuer's Form 10-Q filed with the SEC on November 5, 2014.

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CUSIP No. 09060J106

**NAMES OF  
REPORTING PERSONS  
I.R.S. IDENTIFICATION  
NOS. OF ABOVE  
PERSONS (entities only)**

1

Baker Bros. Advisors (GP)  
LLC

46-3147749

**CHECK  
THE  
APPROPRIATE  
BOX IF A (a) "  
MEMBER  
2 OF A (b) "  
GROUP  
(See  
Instructions)**

2

**SEC USE ONLY**

3

**CITIZENSHIP OR  
PLACE OF  
4 ORGANIZATION**

4

Delaware

**SOLE  
VOTING  
POWER**

5

2,349,021  
**NUMBER OF  
SHARES 6 SHARED  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON VOTING**

**POWER**

-0-

**SOLE  
DISPOSITIVE  
POWER**

**7**

2,349,021

**SHARED  
DISPOSITIVE  
POWER**

**8**

-0-

**AGGREGATE AMOUNT  
BENEFICIALLY  
OWNED BY EACH  
REPORTING PERSON**

**9**

2,349,021

**CHECK  
BOX IF  
THE  
AGGREGATE  
AMOUNT  
IN ROW (9)  
EXCLUDES\*\*  
CERTAIN  
SHARES**

**10**

**(See  
Instructions)**

**PERCENT OF CLASS  
REPRESENTED BY  
AMOUNT IN ROW 9**

**11**

4.4% (1)

**12**

**TYPE OF REPORTING  
PERSON (See  
Instructions)**

HC, OO

(1) Based on 51,301,429 shares of common stock outstanding as of November 3, 2014 reported in the Issuer's Form 10-Q filed with the SEC on November 5, 2014.

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CUSIP No. 090601106

**1** NAMES OF  
REPORTING PERSONS  
I.R.S. IDENTIFICATION  
NOS. OF ABOVE  
PERSONS (entities only)

Felix J. Baker  
**2** CHECK  
THE  
APPROPRIATE  
BOX IF A (a) "  
MEMBER  
OF A (b) "  
GROUP  
(See  
Instructions)

**3** SEC USE ONLY

**4** CITIZENSHIP OR  
PLACE OF  
ORGANIZATION

United States  
**5** SOLE  
VOTING  
POWER

**6** NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH  
2,349,021  
SHARED  
VOTING  
POWER  
-0-

**SOLE  
DISPOSITIVE  
POWER**

**7**

2,349,021  
**SHARED  
DISPOSITIVE  
POWER**

**8**

-0-

**AGGREGATE AMOUNT  
BENEFICIALLY  
OWNED BY EACH  
REPORTING PERSON**

**9**

2,349,021  
**CHECK  
BOX IF  
THE  
AGGREGATE  
AMOUNT  
IN ROW (9)  
EXCLUDES\*\*  
CERTAIN  
SHARES  
(See  
Instructions)**

**10**

**PERCENT OF CLASS  
REPRESENTED BY  
AMOUNT IN ROW 9**

**11**

4.4% (1)  
**TYPE OF REPORTING  
PERSON (See  
Instructions)**

**12**

IN, HC

(1)

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Based on 51,301,429 shares of common stock outstanding as of November 3, 2014 reported in the Issuer's Form 10-Q filed with the SEC on November 5, 2014.

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CUSIP No. 090601106

**1** NAMES OF  
REPORTING PERSONS  
I.R.S. IDENTIFICATION  
NOS. OF ABOVE  
PERSONS (entities only)

Julian C. Baker  
**2** CHECK  
THE  
APPROPRIATE  
BOX IF A (a) "  
MEMBER  
OF A (b) "  
GROUP  
(See  
Instructions)

**3** SEC USE ONLY

**4** CITIZENSHIP OR  
PLACE OF  
ORGANIZATION

United States  
**5** SOLE  
VOTING  
POWER

**6** 2,349,021  
SHARED  
VOTING  
POWER  
NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH  
-0-

**SOLE  
DISPOSITIVE  
POWER**

7

2,349,021  
**SHARED  
DISPOSITIVE  
POWER**

8

-0-

**AGGREGATE AMOUNT  
BENEFICIALLY  
OWNED BY EACH  
REPORTING PERSON**

9

2,349,021  
**CHECK  
BOX IF  
THE  
AGGREGATE  
AMOUNT  
IN ROW (9)  
EXCLUDES\*\*  
CERTAIN  
SHARES  
(See  
Instructions)**

10

**PERCENT OF CLASS  
REPRESENTED BY  
AMOUNT IN ROW 9**

11

4.4% (1)  
**TYPE OF REPORTING  
PERSON (See  
Instructions)**

12

IN, HC

(1)

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**Amendment No. 4 to Schedule 13G**

This Amendment No. 4 to Schedule 13G amends and supplements the previously filed Schedules 13G filed by Baker Bros. Advisors LP (the “Adviser”), Baker Bros. Advisors (GP) LLC (the “Adviser GP”), Julian C. Baker and Felix J. Baker. Except as supplemented herein, such statements, as heretofore amended and supplemented, remain in full force and effect.

**Item 1(a) Name of Issuer:**

BioDelivery Sciences International, Inc. (the “Issuer”)

**Item 1(b) Address of Issuer’s Principal Executive Offices:**

801 Corporate Center Drive, Ste. 210

Raleigh, NC 27607

**Item 2(a) Name of Person Filing:**

This Schedule 13G is being filed jointly by the Adviser, Adviser GP, Felix J. Baker and Julian C. Baker (collectively, the “Reporting Persons”).

**Item 2(b) Address of Principal Business Office or, if None, Residence:**

The business address of each of the Reporting Persons is:

c/o Baker Bros. Advisors LP

667 Madison Avenue, 21<sup>st</sup> Floor

New York, NY 10065

(212) 339-5690

**Item 2(c) Citizenship:**

The Adviser is a limited partnership organized under the laws of the State of Delaware. The Adviser GP is a limited liability company organized under the laws of the State of Delaware. The citizenship of each of Julian C. Baker and Felix J. Baker is the United States of America.

**Item 2(d) Title of Class of Securities:**

Common Stock, par value \$0.01 per share (“Common Stock”)

**Item 2(e) CUSIP Number:**

**09060J106**

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**Item 3. If this statement is filed pursuant to §§240.13d-1(b) or (c), check whether the person filing is a:**

- (a)  Broker or dealer registered under Section 15 of the Exchange Act.
- (b)  Bank as defined in section 3(a)(6) of the Exchange Act.
- (c)  Insurance company as defined in section 3(a)(19) of the Exchange Act.
- (d)  Investment company registered under section 8 of the Investment Company Act of 1940.
- (e)  An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).
- (f)  An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).
- (g)  A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
- (h)  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940.
- (j)  Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

**Item 4. Ownership.**

Items 5 through 9 and 11 of each of the cover pages to this Amendment No. 4 are incorporated herein reference. Set forth below is the aggregate number of shares of Common Stock of the Issuer directly held by each of the Funds (as defined below), which may be deemed to be indirectly beneficially owned by the Reporting Persons, as well as shares of Common Stock that may be acquired upon conversion of the Series A Preferred Stock ("Series A Preferred") convertible on a one for one basis into shares of Common Stock of the Issuer, by the Funds (as defined below), subject to the limitation on conversion described below. Such securities are directly held by each of Baker Brothers Life Sciences, L.P. ("Life Sciences"), 14159, L.P. ("14159"), and 667, L.P. ("667", and together with Life Sciences and 14159, the "Funds").

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Name	Number of Shares of Common Stock we own or have the right to acquire within 60 days	Percent of Class Outstanding	
667, L.P.	184,686	0.3	%
Baker Brothers Life Sciences, L.P.	2,118,490	4.0	%
14159, L.P.	45,845	0.1	%
Total	2,349,021	4.4	%

The Series A Preferred is only exercisable to the extent that the holders thereof together with their affiliates would beneficially own, for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, no more than 9.98% of the outstanding shares of Common Stock of the Issuer after exercise. As a result of this restriction, the number of shares that may be issued upon conversion of the Series A Preferred by the above holders may change depending upon changes in the outstanding shares. The number of shares of Common Stock issuable upon conversion of the Series A Preferred held by any Reporting Person affiliate will also depend upon the extent to which the Series A Preferred held by other affiliates have theretofore been converted.

Pursuant to the amended and restated management agreements among the Adviser, the Funds and their respective general partners, the Adviser has complete and unlimited discretion and authority with respect to the Funds' investments and voting power over investments.

The Adviser GP, Felix J. Baker and Julian C. Baker as principals of the Adviser GP, and the Adviser may be deemed to be beneficial owners of securities of the Issuer directly held by the Funds, and may be deemed to have the power to vote or direct the vote of and the power to dispose or direct the disposition of such securities.

The Reporting Persons disclaim beneficial ownership of the securities held by each of the Funds, and this Amendment No. 4 shall not be deemed an admission that the Reporting Persons are the beneficial owners of such securities for purposes of Section 13(d) or for any other purpose.

#### **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.**

N/A

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**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.**

The information in Item 4 is incorporated herein by reference.

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

N/A

**Item 9. Notice of Dissolution of Group.**

N/A

**Item 10. Certification.**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

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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.

February 17, 2015

**BAKER BROS.  
ADVISORS LP**

By: Baker Bros. Advisors  
(GP) LLC, its general  
partner

By: /s/ Scott L. Lessing  
Name: Scott L. Lessing  
Title: President

**BAKER BROS.  
ADVISORS (GP) LLC**

By: /s/ Scott L. Lessing  
Name: Scott L. Lessing  
Title: President

/s/ Julian C. Baker  
Julian C. Baker

/s/ Felix J. Baker  
Felix J. Baker

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