SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13D

(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO § 240.13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO § 240.13d-2(a)

(Amendment No. 5)1

<u>Catalyst Biosciences, Inc.</u> (Name of Issuer)

<u>Common Stock, par value \$0.001</u> (Title of Class of Securities)

> 14888D 109 (CUSIP Number)

SPIKE LOY BVF PARTNERS L.P. 1 Sansome Street, 30th Floor San Francisco, California 94104 (415) 525-8890

ADAM W. FINERMAN, ESQ.
OLSHAN FROME WOLOSKY LLP
Park Avenue Tower
65 East 55th Street
New York, New York 10022
(212) 451-2300
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

August 19, 2015
(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(g), check the following box. x

Note. Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. *See* § 240.13d-7 for other parties to whom copies are to be sent.

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 ("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*).

1	NAME OF REPORTING			
	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)			
	BIOTECHNOLOGY VALUE FUND, L.P.			
2		IATE BOX IF A MEMBER OF A GROUP	(a) x	
			(b) o	
3	SEC USE ONLY			
4	SOURCE OF FUNDS			
7	WC			
5		OSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM	0	
	2(d) OR 2(e)			
6	CITIZENSHIP OR PLAC	CE OF ORGANIZATION		
	DELAWARE			
NUMBER OF	7	SOLE VOTING POWER		
SHARES				
BENEFICIALLY OWNED BY EACH REPORTING		- 0 -		
PERSON WITH	8	SHARED VOTING POWER		
		579,023 (1)		
	9	SOLE DISPOSITIVE POWER		
	10	- 0 - SHARED DISPOSITIVE POWER		
	10	SHARED DISTOSITIVE FOWER		
		579,023 (1)		
11	AGGREGATE AMOUNT	Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	579,023 (1)			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES 0			
13		PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)		
	- 00/ //			
1.4	5.0% (1) TYPE OF REPORTING PERSON			
14	I TPE OF KEPOKIING	PERSON		
	PN			
(1) x 1 1 1=0.000.0		such a upon the conversion of the Convertible Note (defined below). Evolude	1000=001	

⁽¹⁾ Includes 153,606 Shares of Common Stock issuable upon the conversion of the Convertible Note (defined below). Excludes 196,356 Shares of Common Stock issuable upon the exercise of the Convertible Note. Pursuant to the terms of the Convertible Note, the Reporting Person may not acquire Shares of Common Stock upon exercise of the Convertible Note to the extent that, upon exercise, the number of Shares of Common Stock beneficially owned by the Reporting Persons would exceed 9.99% of the issued and outstanding Shares of Common Stock of the Issuer. See Item 4 for a full description.

1	NAME OF REPORTIN	G PERSONS		
	I.R.S. IDENTIFICATIO	N NOS. OF ABOVE PERSONS (ENTITIES ONLY)		
	BIOTECHNOLOGY VALUE FUND II, L.P.			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x			
			(b) o	
3	SEC USE ONLY			
4	SOURCE OF FUNDS			
	WC			
5		OSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM	0	
	2(d) OR 2(e)			
6	CITIZENSHIP OR PLAC	E OF ORGANIZATION		
	DELAWARE			
NUMBER OF	7	SOLE VOTING POWER		
SHARES				
BENEFICIALLY OWNED BY EACH REPORTING		- 0 -		
PERSON WITH	8	SHARED VOTING POWER		
FERSON WITH		244,843(1)		
	9	SOLE DISPOSITIVE POWER		
	9	SOLE DISPOSITIVE POWER		
		- 0 -		
	10	SHARED DISPOSITIVE POWER		
	10	STRIKED DISTOSITIVE FOWER		
		244,843(1)		
11	AGGREGATE AMOUNT	BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	244,843 (1)			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES 0			
13	PERCENT OF CLASS R	EPRESENTED BY AMOUNT IN ROW (11)		
	2.1% (1)			
14	TYPE OF REPORTING F	PERSON		
	PN			

⁽¹⁾ Excludes 201,416 Shares of Common Stock issuable upon the exercise of the Convertible Note. Pursuant to the terms of the Convertible Note, the Reporting Person may not acquire Shares of Common Stock upon exercise of the Convertible Note to the extent that, upon exercise, the number of Shares of Common Stock beneficially owned by the Reporting Persons would exceed 9.99% of the issued and outstanding Shares of Common Stock of the Issuer. See Item 4 for a full description.

1	NAME OF REPORTING	PERSONS		
	I.R.S. IDENTIFICATION	NOS. OF ABOVE PERSONS (ENTITIES ONLY)		
	DATE INNIFECTMENTS. I. I. C.			
	BVF INVESTMENTS, L.L.C.			
2	CHECK THE APPROPR	IATE BOX IF A MEMBER OF A GROUP	(a) x	
			(b) o	
3	SEC USE ONLY			
4	SOURCE OF FUNDS			
	WC	COURT OF LEGAL PROCEEDINGS IS REQUIRED BURGLIANT TO THE		
5		OSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM	0	
	2(d) OR 2(e) CITIZENSHIP OR PLAC	E OF ORCANIZATION		
6	CITIZENSHIP OR PLAC	E OF ORGANIZATION		
	DELAWARE			
NUMBER OF	7	SOLE VOTING POWER		
SHARES	,	SOLE VOINGTOWER		
BENEFICIALLY OWNED		- 0 -		
BY EACH REPORTING	8	SHARED VOTING POWER		
PERSON WITH				
		49,926 (1)		
	9	SOLE DISPOSITIVE POWER		
		- 0 -		
	10	SHARED DISPOSITIVE POWER		
		10.000 (1)		
	A CODEC ATE AN OUTPUT			
11	AGGREGATE AMOUNT	BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	49 926 (1)			
12				
15	LENGENT OF CLASS IN	LINESENTED DI MMOONI IIVINON (II)		
	Less than 1% (1)			
14	TYPE OF REPORTING PERSON			
	00		_	
11 12 13 14	49,926 (1) CHECK BOX IF THE ACT PERCENT OF CLASS RILLESS than 1% (1) TYPE OF REPORTING F	49,926 (1) T BENEFICIALLY OWNED BY EACH REPORTING PERSON GGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES EPRESENTED BY AMOUNT IN ROW (11) PERSON	0	

⁽¹⁾ Excludes 41,070 Shares of Common Stock issuable upon the exercise of the Convertible Note. Pursuant to the terms of the Convertible Note, the Reporting Person may not acquire Shares of Common Stock upon exercise of the Convertible Note to the extent that, upon exercise, the number of Shares of Common Stock beneficially owned by the Reporting Persons would exceed 9.99% of the issued and outstanding Shares of Common Stock of the Issuer. See Item 4 for a full description.

1	NAME OF REPORTING			
	I.R.S. IDENTIFICATION	NOS. OF ABOVE PERSONS (ENTITIES ONLY)		
	INTERCEMENT 40 I I C			
	INVESTMENT 10, L.L.C.			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x			
			(b) o	
3	SEC USE ONLY			
4	SOURCE OF FUNDS			
	WC			
5		OSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM	0	
_	2(d) OR 2(e)			
6	CITIZENSHIP OR PLAC	CE OF ORGANIZATION		
	II I INOIC			
NIII (DED OF	ILLINOIS	COLE MOTING DOLUTED		
NUMBER OF SHARES	7	SOLE VOTING POWER		
BENEFICIALLY OWNED		- 0 -		
BY EACH REPORTING	8	SHARED VOTING POWER		
PERSON WITH	O	SHARED VOTING FOWER		
		161,480 (1)		
	9	SOLE DISPOSITIVE POWER		
	J	0022 2101 00111 12 1 0 11 21		
		- 0 -		
	10	SHARED DISPOSITIVE POWER		
		161,480 (1)		
11	AGGREGATE AMOUNT	F BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	161,480 (1)			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES o			
13	PERCENT OF CLASS R	EPRESENTED BY AMOUNT IN ROW (11)		
	1.4% (1)			
14	TYPE OF REPORTING PERSON			
	00			
	00			

⁽¹⁾ Excludes 132,838 Shares of Common Stock issuable upon the exercise of the Convertible Note. Pursuant to the terms of the Convertible Note, the Reporting Person may not acquire Shares of Common Stock upon exercise of the Convertible Note to the extent that, upon exercise, the number of Shares of Common Stock beneficially owned by the Reporting Persons would exceed 9.99% of the issued and outstanding Shares of Common Stock of the Issuer. See Item 4 for a full description.

1	NAME OF REPORTING PERSONS			
	I.R.S. IDENTIFICATION	NOS. OF ABOVE PERSONS (ENTITIES ONLY)		
	MCLDVE CDV LLC			
	MSI BVF SPV, LLC			
2	CHECK THE APPROPR	IATE BOX IF A MEMBER OF A GROUP	(a) x	
			(b) o	
3	SEC USE ONLY			
4	SOURCE OF FUNDS			
_	WC	COURT OF LEGAL PROCEEDINGS IS REQUIRED BURGLANTE TO ITEM.		
5		OSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM	0	
6	2(d) OR 2(e) CITIZENSHIP OR PLAC	PE OF ODC ANIZATION		
О	CITIZENSHIP OR PLAC	E OF ORGANIZATION		
	DELAWARE			
NUMBER OF	7	SOLE VOTING POWER		
SHARES	,	SOLL VOINGIOWER		
BENEFICIALLY OWNED		- 0 -		
BY EACH REPORTING	8	SHARED VOTING POWER		
PERSON WITH				
		121,208 (1)		
	9	SOLE DISPOSITIVE POWER		
		- 0 -		
	10	SHARED DISPOSITIVE POWER		
		121 200 (1)		
11	ACCDECATE AMOUNT	121,208 (1)		
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	121,208 (1)			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES 0			
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)			
15	TERGENT OF GEAGG REFRED BY AMOUNT IN ROW (II)			
	1.1% (1)			
14	TYPE OF REPORTING I	PERSON		
	00			

⁽¹⁾ Excludes 99,710 Shares of Common Stock issuable upon the exercise of the Convertible Note. Pursuant to the terms of the Convertible Note, the Reporting Person may not acquire Shares of Common Stock upon exercise of the Convertible Note to the extent that, upon exercise, the number of Shares of Common Stock beneficially owned by the Reporting Persons would exceed 9.99% of the issued and outstanding Shares of Common Stock of the Issuer. See Item 4 for a full description..

1	NAME OF REPORTING	PERSONS		
	I.R.S. IDENTIFICATION	NOS. OF ABOVE PERSONS (ENTITIES ONLY)		
	DIVE DA DENIEDO, L. D.			
	BVF PARTNERS, L.P.			
2	CHECK THE APPROPR	IATE BOX IF A MEMBER OF A GROUP	(a) x	
			(b) o	
3	SEC USE ONLY			
	COLUD CE OE ELINDO			
4	SOURCE OF FUNDS AF			
5		OSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM	0	
J	2(d) OR 2(e)	OSURE OF LEGAL FROCEEDINGS IS REQUIRED FORSUANT TO ITEM	U	
6	CITIZENSHIP OR PLAC	CE OF ORGANIZATION		
	011121101111 01112110	2 01 01011 1211101		
	DELAWARE			
NUMBER OF	7	SOLE VOTING POWER		
SHARES				
BENEFICIALLY		- 0 -		
OWNED BY EACH	8	SHARED VOTING POWER		
REPORTING PERSON WITH		1.150.400.(1)		
VV 1 1 1 1	9	1,156,480 (1) SOLE DISPOSITIVE POWER		
	9	SOLE DISPOSITIVE POWER		
		- 0 -		
	10	SHARED DISPOSITIVE POWER		
		1,156,480 (1)		
11	AGGREGATE AMOUN	Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,156,480 (1)			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES 0			
13	PERCENT OF CLASS R	EPRESENTED BY AMOUNT IN ROW (11)		
	9.99% (1)			
14	TYPE OF REPORTING I	PERSON		
14	TIL OF REFORTING	EROOM		
	PN, IA			
<u> </u>				

⁽¹⁾ Includes 153,606 Shares of Common Stock issuable upon the conversion of the Convertible Note. Excludes 671,390 Shares of Common Stock issuable upon the exercise of the Convertible Note. Pursuant to the terms of the Convertible Note, the Reporting Person may not acquire Shares of Common Stock upon exercise of the Convertible Note to the extent that, upon exercise, the number of Shares of Common Stock beneficially owned by the Reporting Persons would exceed 9.99% of the issued and outstanding Shares of Common Stock of the Issuer. See Item 4 for a full description.

1	NAME OF REPORTING			
	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)			
	BFV INC.			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x			
			(b) o	
3	SEC USE ONLY			
4	SOURCE OF FUNDS			
	AF			
5	CHECK BOX IF DISCLO	OSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM	0	
	2(d) OR 2(e)			
6	CITIZENSHIP OR PLAC	CE OF ORGANIZATION		
	DELAWARE			
NUMBER OF	7	SOLE VOTING POWER		
SHARES				
BENEFICIALLY		- 0 -		
OWNED BY EACH	8	SHARED VOTING POWER		
REPORTING PERSON				
WITH		1,156,480 (1)		
	9	SOLE DISPOSITIVE POWER		
		- 0 -		
	10	SHARED DISPOSITIVE POWER		
		4.470.400.40		
		1,156,480 (1)		
11	AGGREGATE AMOUNT	F BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1 156 400 (1)			
12	1,156,480 (1)			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES 0			
13	PERCENT OF CLASS R	EPRESENTED BY AMOUNT IN ROW (11)		
	0.000/ (1)			
14	9.99% (1) TYPE OF REPORTING PERSON			
14	I TPE OF KEPOKIING I	YERSUN		
	СО			
	CO			

⁽¹⁾ Includes 153,606 Shares of Common Stock issuable upon the conversion of the Convertible Note. Excludes 671,390 Shares of Common Stock issuable upon the exercise of the Convertible Note. Pursuant to the terms of the Convertible Note, the Reporting Person may not acquire Shares of Common Stock upon exercise of the Convertible Note to the extent that, upon exercise, the number of Shares of Common Stock beneficially owned by the Reporting Persons would exceed 9.99% of the issued and outstanding Shares of Common Stock of the Issuer. See Item 4 for a full description.

1	NAME OF REPORTING			
	I.R.S. IDENTIFICATION	NOS. OF ABOVE PERSONS (ENTITIES ONLY)		
	MARK N. LAMPERT			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x			
			(b) o	
3	SEC USE ONLY			
4	SOURCE OF FUNDS			
	AF			
5		OSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM	0	
	2(d) OR 2(e)			
6	CITIZENSHIP OR PLAC	CE OF ORGANIZATION		
	USA			
NUMBER OF	7	SOLE VOTING POWER		
SHARES				
BENEFICIALLY	_	- 0 -		
OWNED BY EACH REPORTING PERSON	8	SHARED VOTING POWER		
WITH		1 156 400 (1)		
***************************************	9	1,156,480 (1) SOLE DISPOSITIVE POWER		
	9	SOLE DISPOSITIVE POWER		
		- 0 -		
	10	SHARED DISPOSITIVE POWER		
	10	SHARED DISFOSITIVE FOWER		
		1,156,480 (1)		
11	AGGREGATE AMOUN	Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,156,480 (1)			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES 0			
13		EPRESENTED BY AMOUNT IN ROW (11)		
		· /		
	9.99% (1)			
14	TYPE OF REPORTING PERSON			
	IN			

⁽¹⁾ Includes 153,606 Shares of Common Stock issuable upon the conversion of the Convertible Note. Excludes 671,390 Shares of Common Stock issuable upon the exercise of the Convertible Note. Pursuant to the terms of the Convertible Note, the Reporting Person may not acquire Shares of Common Stock upon exercise of the Convertible Note to the extent that, upon exercise, the number of Shares of Common Stock beneficially owned by the Reporting Persons would exceed 9.99% of the issued and outstanding Shares of Common Stock of the Issuer. See Item 4 for a full description.

The following constitutes Amendment No. 5 to the Schedule 13D filed by the undersigned ("Amendment No. 5"). This Amendment No. 5 amends the Schedule 13D as specifically set forth herein.

Item 1. <u>Security and Issuer.</u>

Item 1 is hereby amended and restated to read as follows:

This statement relates to the Common Stock, par value \$0.001 (the "Shares"), of Catalyst Biosciences, Inc., a Delaware corporation (the "Issuer"). The address of the principal executive offices of the Issuer is 100 North Main Street, Suite 1510, Winston-Salem, North Carolina 27101.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 is hereby amended and restated to read as follows:

The Shares purchased by each of BVF, BVF2, BVLLC, ILL10 and MSI were purchased with working capital (which may, at any given time, include margin loans made by brokerage firms in the ordinary course of business) in open market purchases, except as otherwise noted on Schedule A. The aggregate purchase price of the 579,023 Shares beneficially owned by BVF is approximately \$12,899,438, including brokerage commissions. The aggregate purchase price of the 244,843 Shares beneficially owned by BVF2 is approximately \$7,421,983, including brokerage commissions. The aggregate purchase price of the 49,926 Shares beneficially owned by BVLLC is approximately \$2,388,744, including brokerage commissions. The aggregate purchase price of the 161,480 Shares beneficially owned by ILL10 is approximately \$4,897,765, including brokerage commissions. The aggregate purchase price of the 121,208 Shares beneficially owned by MSI is approximately \$3,045,450, including brokerage commissions.

The aggregate purchase price of the 153,606 Shares issuable upon the exercise of the Convertible Note is approximately \$1,411,639, excluding brokerage commissions.

Item 4. <u>Purpose of Transaction.</u>

Item 4 is hereby amended to add the following:

On August 20, 2015, the Issuer completed a "reverse merger" transaction, in which the Issuer caused its newly-created, wholly-owned subsidiary, Talos Merger Sub, Inc. a Delaware Corporation, to be merged into Catalyst Biosciences, Inc., a Delaware Corporation, ("Catalyst 1") (the "Merger"). As a result of the Merger, Catalyst 1 became the Issuer's wholly-owned subsidiary, the Issuer changed its corporate name to Catalyst Biosciences, Inc. ("Catalyst 2" or the "Issuer"), and Catalyst 1's former holders of common stock acquired an approximate 59% majority of the outstanding Shares of Catalyst 2.

Immediately prior to the closing of the Merger, the Issuer effectuated a 7 for 1 reverse stock split of its outstanding Shares.

Prior to the closing of the Merger, the Issuer issued a dividend in the form of a convertible note (the "Convertible Note"). The Convertible Note may be converted to Shares at any time over the next 30 months at the option of the Reporting Persons subject to certain limitations. The Reporting Persons modified the Convertible Note to limit the ability to convert the Convertible Notes to Shares if the Reporting Persons hold above 9.99% of the outstanding Shares. The Reporting Persons may change such 9.99% limitation to a different percentage limitation, but such change in limitation will not be effective until 61 days after notice is delivered to the Issuer. If the Issuer takes certain actions under the Convertible Note, then any change in limitation by the Reporting Persons will be effective immediately upon notice delivered to the Issuer.

The foregoing description of the Convertible Note is qualified in its entirety by reference to the full text of such document, which is attached as Annex G to the Issuer's S-4 filed with the Securities and Exchange Commission on May 22, 2015 and incorporated herein by reference.

Item 5. <u>Interest in Securities of the Issuer.</u>

Items 5(a)-(c) are hereby amended and restated to read as follows:

(a) The aggregate percentage of Shares reported owned by each person named herein is based upon 11,416,984 Shares outstanding as of August 20, 2015, which is the total number of Shares outstanding as reported to the Reporting Persons by the Issuer.

As of the close of business on August 20, 2015, (i) BVF beneficially owned 579,023 Shares, including 153,606 Shares issuable upon the exercise of the Convertible Note, and excluding 196,356 Shares issuable upon the exercise of the Convertible Note (ii) BVF2 beneficially owned 244,843 Shares, excluding 201,416 Shares issuable upon the exercise of the Convertible Note (iii) BVLLC beneficially owned 49,926 Shares, excluding 41,070 Shares issuable upon the exercise of the Convertible Note (iv) ILL10 beneficially owned 161,480 Shares, excluding 132,838 Shares issuable upon the exercise of the Convertible Note and (v) MSI beneficially owned 121,208 shares of Common Stock, excluding 99,710 Shares issuable upon the exercise of the Convertible Note, representing percentage ownership of approximately 5.0%, 2.1%, Less than 1%, 1.4% and 1.1%, respectively, of the Shares outstanding.

Partners, as the general partner of BVF and BVF2, the manager of BVLLC, and the investment adviser of each of ILL10 and MSI, may be deemed to beneficially own the 1,156,480 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, BVLLC, ILL10 and MSI, including 153,606 Shares issuable upon the exercise of the Convertible Note and excluding 671,390 Shares issuable upon the exercise of the Convertible Note representing percentage ownership of approximately 9.99% of the Shares outstanding.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 1,156,480 Shares beneficially owned by Partners, representing percentage ownership of approximately 9.99% of the Shares outstanding.

Mr. Lampert, as a director and officer of BVF Inc. may be deemed to beneficially own the 1,156,480 Shares beneficially owned by BVF Inc., representing percentage ownership of approximately 9.99% of the Shares outstanding.

- (b) Each of BVF, BVF2, BVLLC, ILL10 and MSI shares with Partners voting and dispositive power over the Shares each such entity beneficially owns. Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the 1,156,480 Shares they may be deemed to beneficially own with BVF, BVF2, BVLLC, ILL10 and MSI.
- (c) On August 20, 2015, the Issuer effectuated a 7 for 1 reverse stock split of its outstanding Shares, the amount of which can be seen in Item 5(a). In addition, on August 19, 2015, the Reporting Persons acquired a total of 824,996 Shares issuable upon the exercise of the Convertible Note.
- Item 6. <u>Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer.</u>

Item 6 is hereby amended to add the following:

On August 19, 2015, the Issuer issued the Reporting Persons the Convertible Note, described and defined in Item 4.

Item 7. <u>Material to be Filed as Exhibits.</u>

Item 7 is hereby amended to add the following exhibit:

99.1 Form of Convertible Note, dated May 22, 2015, attached as Annex G to the Issuer's Form S-4 filed May 22, 2015 and is incorporated herein by reference.

SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: August 21, 2015

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

> Mark N. Lampert President

BIOTECHNOLOGY VALUE FUND II, L.P.

BVF Partners L.P., its general partner By:

By: BVF Inc., its general partner

/s/ Mark N. Lampert By:

Mark N. Lampert

President

BVF PARTNERS L.P.

BVF Inc., its general partner By:

/s/ Mark N. Lampert By:

Mark N. Lampert

President

BVF INVESTMENTS, L.L.C.

BVF Partners L.P., its manager By: By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

INVESTMENT 10, L.L.C.

BVF Partners L.P., its investment adviser By:

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

MSI BVF SPV, LLC

BVF Partners L.P., its investment adviser By:

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

> Mark N. Lampert President

BVF INC.

By: /s/ Mark N. Lampert

Mark N. Lampert

President

/s/ Mark N. Lampert

MARK N. LAMPERT