CONCERT PHARMACEUTICALS, INC. Form SC 13G/A May 28, 2015

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 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. 1)1

Concert Pharmaceuticals, Inc. (Name of Issuer)

Common Stock, par value \$0.001 per share (Title of Class of Securities)

206022105 (CUSIP Number)

May 26, 2015 (Date of Event Which Requires Filing of this Statement)

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

- o Rule 13d-1(b)
- x Rule 13d-1(c)
- o Rule 13d-1(d)

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 ("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).

<sup>1</sup> 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.

## CUSIP NO. 206022105

1	NAME OF REPORTING PERSON			
2	Biotechnology Value Fund, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o			
3	SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Delaware			
NUMBER OF SHARES	5	SOLE VOTING POWER		
BENEFICIALLY	•	0 shares		
OWNED BY	6	SHARED VOTING POWER		
EACH				
REPORTING	7	1,081,308		
PERSON WITH	7	SOLE DISPOSITIVE POWER		
		0 shares		
	8	SHARED DISPOSITIVE POWE	R	
9	AGGREGATE AMOUNT BE	1,081,308 NEFICIALLY OWNED BY EACH	REPORTING PERSON	
	1 001 200			
10	1,081,308	EGATE AMOUNT IN ROW (9)		
10	EXCLUDES CERTAIN SHALL	· · · · · · · · · · · · · · · · · · ·		
	EXCEOSES CERTAIN SILL	KES		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
10	5.0%	CON		
12	TYPE OF REPORTING PERS	SUN		
	PN			
2				
2				

NAME OF REPORTING PERSON

## CUSIP NO. 206022105

-	1,11,12 01 112.	0111111012110		
2	Biotechnology Value Fund II, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A  (a) x			
3	GROUP (b) o SEC USE ONLY			(b) o
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	698,041 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	698,041 EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	3.2% TYPE OF REP	ORTING PERSO	DN	
	PN			
3				

#### CUSIP NO. 206022105

1	NAME OF REPORTING PERSON			
2 3	Investment 10, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF SHARES	Illinois	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	234,647 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	234,647 EFICIALLY OWNED BY EACH	REPORTING PERSON
10	234,647 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	1.1% TYPE OF REPORTING PERSON			
	00			
4				

NAME OF REPORTING PERSON

## CUSIP NO. 206022105

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2	MSI BVF SPV, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o			(a) x (b) o
3	SEC USE ONLY			(6) 0
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH	•	6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	376,412 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	376,412 EFICIALLY OWNED BY EACH	REPORTING PERSON
10	376,412 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	1.7% TYPE OF REPORTING PERSON			
	00			
5				

NAME OF REPORTING PERSON

## CUSIP NO. 206022105

1

2 3 4	BVF Partners L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION			(a) x (b) o
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	2,390,408 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	CR.
9	AGGREGATE	AMOUNT BEN	2,390,408 EFICIALLY OWNED BY EACH	REPORTING PERSON
10	2,390,408 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	11.0% TYPE OF REPORTING PERSON			
	PN, IA			

NAME OF REPORTING PERSON

#### CUSIP NO. 206022105

_				
2	BVF Inc. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o			
3	GROUP (b) o SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Delaware			
NUMBER OF SHARES		5	SOLE VOTING POWER	
BENEFICIALLY	•		0 shares	
OWNED BY EACH		6	SHARED VOTING POWER	
REPORTING			2,390,408	
PERSON WITH		7	SOLE DISPOSITIVE POWER	
PERSON WITH		1	SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
			2,390,408	
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARI	GATE AMOUNT IN ROW (9)	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	11.0% TYPE OF REP	ORTING PERSO	ON	
	СО			
7				

NAME OF REPORTING PERSON

## CUSIP NO. 206022105

_					
2	Mark N. Lampert CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o				
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION				
	United States				
NUMBER OF SHARES		5	SOLE VOTING POWER		
BENEFICIALLY	•		0 shares		
OWNED BY EACH		6	SHARED VOTING POWER		
REPORTING			2,390,408		
PERSON WITH		7	SOLE DISPOSITIVE POWER		
TERSON WITH		1	SOLE DISTOSITIVE TOWER		
			0 shares		
		8		ZD.	
		8	SHARED DISPOSITIVE POWE	J.K	
			2 200 400		
0	A CODEC A TE	AMOUNTEDEN	2,390,408	A DEDODERNG DEDGON	
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON	
	2 200 400				
	2,390,408				
10			GATE AMOUNT IN ROW (9)	••	
	EXCLUDES CERTAIN SHARES				
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)	
	11.0%				
12	TYPE OF REP	ORTING PERSC	ON		
	IN				
8					

CUSIP NO. 206022105

Item 1(a). Name of Issuer:

Concert Pharmaceuticals, Inc., a Delaware corporation (the "Issuer").

Item 1(b). Address of Issuer's Principal Executive Offices:

99 Hayden Avenue, Suite 500 Lexington, Massachusetts 02421

Item 2(a). Name of Person Filing

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

Item 2(c). Citizenship

Biotechnology Value Fund, L.P. ("BVF")

1 Sansome Street, 30th Floor San Francisco, California 94104

Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2")

1 Sansome Street, 30th Floor San Francisco, California 94104

Citizenship: Delaware

Investment 10, L.L.C. ("ILL10")

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611 Citizenship: Illinois

MSI BVF SPV, LLC ("MSI")

c/o Magnitude Capital, LLC

601 Lexington Avenue, 59th Floor

New York, NY 10022

Citizenship: Delaware

BVF Partners L.P. ("Partners")

1 Sansome Street, 30th Floor

San Francisco, California 94104

Citizenship: Delaware

BVF Inc.

1 Sansome Street, 30th Floor

San Francisco, California 94104

Citizenship: Delaware

Mark N. Lampert ("Mr. Lampert")

1 Sansome Street, 30th Floor

San Francisco, California 94104

Citizenship: United States

Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."