CONCERT PHARMACEUTICALS, INC.

Form 4

February 21, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31, 2005

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See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Three Arch Management IV, L.L.C.			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			CONCERT PHARMACEUTICALS, INC. [CNCE]	(Check all applicable)		
(Last) 3200 ALPIN	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/19/2014	_X_ Director _X_ 10% Owner Officer (give title below)		
J200 ALI IIV	(Street)		4. If Amendment, Date Original	6 Individual on Jaint/Comm Eiling/Charle		
			Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting		
PORTOLA VALLEY, CA 94028				Person		
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acc	uired Disnosed of or Reneficially Owner		

(City)	(State) (Zip) Table	e I - Non-D	erivative Se	curiti	es Acqu	iired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securitie n(A) or Disp (Instr. 3, 4 a	osed c	of (D)	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/19/2014		C	5,735	A	(<u>1</u>)	6,289 (2)	I	See footnote (2)
Common Stock	02/19/2014		С	7,647	A	<u>(1)</u>	13,936 (2)	I	See footnote (2)
Common Stock	02/19/2014		С	1,529	A	<u>(1)</u>	15,465 (2)	I	See footnote (2)
Common Stock	02/19/2014		С	259,751	A	<u>(1)</u>	284,860 (3)	I	See footnote

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								(3)
Common Stock	02/19/2014	C	346,335	A	(1)	631,195 (3)	I	See footnote (3)
Common Stock	02/19/2014	С	69,267	A	(1)	700,462 (3)	I	See footnote (3)
Common Stock	02/19/2014	P	2,236	A	\$ 14	17,701 (2)	I	See footnote
Common Stock	02/19/2014	P	101,264	A	\$ 14	801,726 (3)	I	See footnote (3)

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

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(9-02)

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

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. Transactic Code (Instr. 8)	5. Number of stionDerivative Securities (A) or Disposed of (D) (Instr. 3, 4, and 5)		Expiration Date (Month/Day/Year) A) or f (D)		7. Title and Amount o Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Series A Convertible Preferred Stock	<u>(1)</u>	02/19/2014		С		32,405	<u>(1)</u>	<u>(4)</u>	Common Stock	5,735
Series B Convertible Preferred Stock	<u>(1)</u>	02/19/2014		С		43,206	<u>(1)</u>	<u>(4)</u>	Common Stock	7,647
Series C Convertible Preferred Stock	<u>(1)</u>	02/19/2014		С		8,641	<u>(1)</u>	<u>(4)</u>	Common Stock	1,529
Series A Convertible Preferred	(1)	02/19/2014		C		1,467,595	<u>(1)</u>	<u>(4)</u>	Common Stock	259,75

Stock								
Series B Convertible Preferred Stock	<u>(1)</u>	02/19/2014	С	1,956,794	<u>(1)</u>	<u>(4)</u>	Common Stock	346,33
Series C Convertible Preferred Stock	(1)	02/19/2014	С	391,359	<u>(1)</u>	<u>(4)</u>	Common Stock	69,26

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Three Arch Management IV, L.L.C. 3200 ALPINE ROAD PORTOLA VALLEY, CA 94028	X	X					
JAEGER WILFRED E C/O THREE ARCH PARTNERS 3200 ALPINE ROAD PORTOLA VALLEY, CA 94028	X	X					
THREE ARCH ASSOCIATES IV LP 3200 ALPINE ROAD PORTOLA VALLEY, CA 94028		X					
THREE ARCH PARTNERS IV LP 3200 ALPINE ROAD PORTOLA VALLEY, CA 94028		X					
WAN MARK A C/O THREE ARCH PARTNERS 3200 ALPINE ROAD PORTOLA VALLEY, CA 94028		X					

Signatures

/s/ Wilfred Jaeger, as Managing Member of Three Arch Management IV, L.L.C.	02/21/2014			
**Signature of Reporting Person	Date			
/s/ Wilfred Jaeger	02/21/2014			
**Signature of Reporting Person	Date			
/s/ Wilfred Jaeger, as Managing Member of Three Arch Management IV, L.L.C., general partner of Three Arch Associates IV, L.P.				
**Signature of Reporting Person	Date			
/s/ Wilfred Jaeger, as Managing Member of Three Arch Management IV, L.L.C., general partner of Three Arch Partners IV, L.P.	02/21/2014			
**Signature of Reporting Person	Date			

Reporting Owners 3

/s/ Mark Wan 02/21/2014

**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).
- (1) The Series A, Series B and Series C Convertible Preferred Stock converted into Common Stock on a 1-for-5.65 basis upon the closing of the issuer's initial public offering without payment of consideration.
- These shares are owned directly by Three Arch Associates IV, L.P. ("TAA IV"). Three Arch Management IV, L.L.C. ("TAM IV") is the general partner of TAA IV, and Wilfred Jaeger and Mark Wan, the Managing Members of TAM IV, may be deemed to share voting and dispositive power over the shares held by TAA IV. Such persons and entities disclaim beneficial ownership of the shares held by TAA IV except to the extent of any pecuniary interest therein.
- These shares are owned directly by Three Arch Partners IV, L.P. ("TAP IV"). Three Arch Management IV, L.L.C. ("TAM IV") is the general partner of TAP IV, and Wilfred Jaeger and Mark Wan, the Managing Members of TAM IV, may be deemed to share voting and dispositive power over the shares held by TAP IV. Such persons and entities disclaim beneficial ownership of the shares held by TAP IV except to the extent of any pecuniary interest therein.
- (4) Not applicable.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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