Xenon Pharmaceuticals Inc.

Form 4/A June 30, 2017

FORM 4

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

OMB 3235-0287 Number:

5. Relationship of Reporting Person(s) to

Check this box if no longer subject to

January 31, Expires: 2005

OMB APPROVAL

Section 16. Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

obligations may continue. See Instruction

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

2. Issuer Name and Ticker or Trading

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

BVF PARTNERS L P/IL		Symbol					Issuer				
			Xenon	Xenon Pharmaceuticals Inc. [XENE]			KENE]	(Check all applicable)			
(Last) (First) (Middle) 1 SANSOME ST, 30TH FL		3. Date of Earliest Transaction (Month/Day/Year) 06/27/2017					DirectorX 10% Owner Officer (give title Other (specify below) below)				
(Street) SAN FRANCISCO, CA 94104			4. If Amendment, Date Original Filed(Month/Day/Year) 06/29/2017				- -	6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tab	le I - Non-l	Derivative	Secui	ities Acqu	ired, Disposed of	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Yea	r) Execution		Code (Instr. 8)	4. Securit por Dispos (Instr. 3,	sed 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, no par value per share (1)	06/27/2017			Р	46,795		\$ 3.0361	1,635,032	D (2)		
Common Stock, no par value per share (1)	06/27/2017			P	30,170	A	\$ 3.0361	1,056,928	D (3)		
Common Stock, no	06/27/2017			P	8,496	A	\$ 3.0361	297,464	D (4)		

par value per share $\frac{(1)}{}$

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title Amoun Underly Securiti (Instr. 3	nt of ying	8. Price of Derivative Security (Instr. 5)
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title 1	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships							
reporting of the state of state of	Director	10% Owner	Officer	Other				
BVF PARTNERS L P/IL 1 SANSOME ST 30TH FL SAN FRANCISCO, CA 94104		X						
BIOTECHNOLOGY VALUE FUND L P 1 SANSOME ST 30TH FL SAN FRANCISCO, CA 94104				See Explanation of Responses				
BIOTECHNOLOGY VALUE FUND II LP 1 SANSOME ST 30TH FL SAN FRANCISCO, CA 94104				See Explanation of Responses				
Biotechnology Value Trading Fund OS LP P.O. BOX 309 UGLAND HOUSE GRAND CAYMAN, E9 KY1-1104				See Explanation of Responses				

Reporting Owners 2

BVF Partners OS Ltd.

P.O. BOX 309 UGLAND HOUSE GRAND CAYMAN, E9 KY1-1104 See Explanation of Responses

BVF INC/IL

1 SANSOME ST

30TH FL

X

SAN FRANCISCO, CA 94104

LAMPERT MARK N 1 SANSOME ST 30TH FL

X

SAN FRANCISCO, CA 94104

Signatures

BVF Partners L.P., By: BVF Inc., its general partner, By: /s/ Mark N. Lampert, President

06/30/2017

**Signature of Reporting Person

Date

Biotechnology Value Fund, L.P., By: BVF Partners L.P., its general partner, By: BVF Inc., its general partner, By: /s/ Mark N. Lampert, President

06/30/2017

**Signature of Reporting Person

Date

Biotechnology Value Fund II, L.P., By: BVF Partners L.P., its general partner, By: BVF Inc., its general partner, By: /s/ Mark N. Lampert, President

06/30/2017

**Signature of Reporting Person

Date

BVF Partners OS Ltd., By: BVF Partners L.P., its sole member, By: BVF Inc., its general partner, By: /s/ Mark N. Lampert, President

06/30/2017

**Signature of Reporting Person

Date

Biotechnology Value Trading Fund OS LP, By: BVF Partners L.P., its investment manager, BVF Inc., its general partner, By: /s/ Mark N. Lampert, President

06/30/2017

**Signature of Reporting Person

Date

BVF Inc., By: /s/ Mark N. Lampert, President

06/30/2017

**Signature of Reporting Person

Date

/s/ Mark N. Lampert

06/30/2017

**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).
 - This Form 4 is filed jointly by Biotechnology Value Fund, L.P. ("BVF"), Biotechnology Value Fund II, L.P. ("BVF2"), Biotechnology Value Trading Fund OS LP ("Trading Fund OS"), BVF Partners OS Ltd. ("Partners OS"), BVF Partners L.P. ("Partners"), BVF Inc. and
- (1) Mark N. Lampert (collectively, the "Reporting Persons"). Each of the Reporting Persons is a member of a Section 13(d) group that collectively owns more than 10% of the Issuer's outstanding shares of Common Stock. Each of the Reporting Persons disclaims beneficial ownership of the shares of Common Stock reported herein except to the extent of his or its pecuniary interest therein.
- (2) Shares of Common Stock owned directly by BVF. As the general partner of BVF, Partners may be deemed to beneficially own the shares of Common Stock owned directly by BVF. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the shares of Common Stock owned directly by BVF. As a director and officer of BVF Inc., Mr. Lampert may be

Signatures 3

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deemed to beneficially own the shares of Common Stock owned directly by BVF.

- Shares of Common Stock owned directly by BVF2. As the general partner of BVF2, Partners may be deemed to beneficially own the shares of Common Stock owned directly by BVF2. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the shares of Common Stock owned directly by BVF2. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the shares of Common Stock owned directly by BVF2.
 - Shares of Common Stock owned directly by Trading Fund OS. As the general partner of Trading Fund OS, Partners OS may be deemed to beneficially own the shares of Common Stock owned directly by Trading Fund OS. As the investment manager of Trading Fund OS and the sole member of Partners OS, Partners may be deemed to beneficially own the shares of Common Stock owned directly by
- (4) Trading Fund OS. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the shares of Common Stock owned directly by Trading Fund OS. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the shares of Common Stock owned directly by Trading Fund OS.

Remarks:

This amendment corrects the share price that was inaccurately reported on the previously filed Form 4 due to a clerical error.

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.