

Xenon Pharmaceuticals Inc.  
Form SC 13G  
February 13, 2015

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**WASHINGTON, D.C. 20549**

**SCHEDULE 13G**  
**Under the Securities Exchange Act of 1934**  
**(AMENDMENT NO. )\***

**Xenon Pharmaceuticals, Inc.**

**(Name of Issuer)**

**Common Stock**

**(Title of Class of Securities)**

**98420N105**

**(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 the disclosures provided in a prior cover page.

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).

**1** NAME OF REPORTING PERSONS

**InterWest Partners VII, LP**

**2** I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)  (b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**California**

**5** SOLE VOTING POWER

NUMBER OF  
SHARES **6** 767,187  
SHARED VOTING POWER

BENEFICIALLY

OWNED BY **7** 0  
SOLE DISPOSITIVE POWER

REPORTING

PERSON **8** 767,187  
WITH SHARED DISPOSITIVE POWER

**9** 0  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

767,187

**10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: ..

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.4%

**12** TYPE OF REPORTING PERSON

**PN**

**1** NAME OF REPORTING PERSONS

**InterWest Investors VII, LP**

**2** I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)  (b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**California**

**5** SOLE VOTING POWER

NUMBER OF 36,738  
SHARES **6** SHARED VOTING POWER

BENEFICIALLY

OWNED BY 0  
**7** SOLE DISPOSITIVE POWER

REPORTING

PERSON 36,738  
WITH **8** SHARED DISPOSITIVE POWER

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

36,738

**10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: ..

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0.3%

**12** TYPE OF REPORTING PERSON

**PN**

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**1 NAME OF REPORTING PERSONS**

**InterWest Management Partners VII, LLC (the General Partner of InterWest Partners VII, LP and InterWest Investors VII, LP)**

**2 I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP**

(a) " (b) "

**3 SEC USE ONLY**

**4 CITIZENSHIP OR PLACE OF ORGANIZATION**

**California**

**5 SOLE VOTING POWER**

NUMBER OF 803,925  
SHARES **6 SHARED VOTING POWER**

**BENEFICIALLY**

OWNED BY 0  
**7 SOLE DISPOSITIVE POWER**

**REPORTING**

PERSON 803,925  
WITH **8 SHARED DISPOSITIVE POWER**

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

803,925

**10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: "

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.7%

**12** TYPE OF REPORTING PERSON

**OO**

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**1** NAME OF REPORTING PERSONS

**Harvey B. Cash (a Managing Director of InterWest Management Partners VII, LLC)**

**2** I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)  (b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**United States**

**5** SOLE VOTING POWER

NUMBER OF  
SHARES **6** 0  
SHARED VOTING POWER

BENEFICIALLY

OWNED BY **7** 803,925  
SOLE DISPOSITIVE POWER

REPORTING

PERSON **8** 0  
WITH SHARED DISPOSITIVE POWER

**9** 803,925  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

803,925

- 10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: ..
- 11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
- 5.7%*
- 12** TYPE OF REPORTING PERSON

**IN**

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Harvey B. Cash that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

**1** NAME OF REPORTING PERSONS

**Philip T. Gianos (a Managing Director of InterWest Management Partners VII, LLC)**

**2** I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)  (b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**United States**

**5** SOLE VOTING POWER

NUMBER OF  
SHARES **6** 0  
SHARED VOTING POWER

BENEFICIALLY

OWNED BY **7** 803,925  
SOLE DISPOSITIVE POWER

REPORTING

PERSON **8** 0  
WITH SHARED DISPOSITIVE POWER

**9** 803,925  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

803,925

- 10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: ..
- 11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
- 5.7%*
- 12** TYPE OF REPORTING PERSON

**IN**

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Philip T. Gianos that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

**1** NAME OF REPORTING PERSONS

**W. Stephen Holmes III (a Managing Director of InterWest Management Partners VII, LLC)**

**2** I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)  (b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**United States**

**5** SOLE VOTING POWER

NUMBER OF  
SHARES **6** 0  
SHARED VOTING POWER

BENEFICIALLY

OWNED BY **7** 803,925  
SOLE DISPOSITIVE POWER

REPORTING

PERSON **8** 0  
WITH SHARED DISPOSITIVE POWER

**9** 803,925  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

803,925

**10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: ..

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

*5.7%*

**12** TYPE OF REPORTING PERSON

**IN**

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by W. Stephen Holmes III that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

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**1** NAME OF REPORTING PERSONS**Nina S. Kjellson (Agent for InterWest Management Partners VII, LLC)****2** I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP(a)  (b) **3** SEC USE ONLY**4** CITIZENSHIP OR PLACE OF ORGANIZATION**United States****5** SOLE VOTING POWERNUMBER OF  
SHARES 714 (1)  
**6** SHARED VOTING POWER

## BENEFICIALLY

OWNED BY 803,925 (2)  
**7** SOLE DISPOSITIVE POWER

## REPORTING

PERSON 714 (1)  
**8** SHARED DISPOSITIVE POWER  
WITH**9** 803,925 (2)  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

804,639

**10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: ..

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.7%

**12** TYPE OF REPORTING PERSON

**IN**

- (1) Options exercisable within 60 days of 12/31/14 received while a Director of the Issuer
- (2) Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Nina S. Kjellson that she is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of her pecuniary interest.

**1** NAME OF REPORTING PERSONS

**Gilbert H. Kliman (a Managing Director of InterWest Management Partners VII, LLC)**

**2** I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)  (b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**United States**

**5** SOLE VOTING POWER

NUMBER OF  
SHARES **6** 0  
SHARED VOTING POWER

BENEFICIALLY

OWNED BY **7** 803,925  
SOLE DISPOSITIVE POWER

REPORTING

PERSON **8** 0  
WITH SHARED DISPOSITIVE POWER

**9** 803,925  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

803,925

- 10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: ..
- 11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
- 5.7%*
- 12** TYPE OF REPORTING PERSON

**IN**

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Gilbert H. Kliman that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

**1** NAME OF REPORTING PERSONS

**Arnold L. Oronsky (a Managing Director of InterWest Management Partners VII, LLC)**

**2** I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) (ENTITIES ONLY)  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)  (b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**United States**

**5** SOLE VOTING POWER

NUMBER OF  
SHARES **6** 0  
SHARED VOTING POWER

BENEFICIALLY

OWNED BY **7** 803,925  
SOLE DISPOSITIVE POWER

REPORTING

PERSON **8** 0  
WITH SHARED DISPOSITIVE POWER

**9** 803,925  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

803,925

- 10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: ..
- 11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
- 5.7%
- 12** TYPE OF REPORTING PERSON

**IN**

Neither the filing of this statement on Schedule 13G nor any of its contents shall be deemed to constitute an admission by Arnold L. Oronsky that he is the beneficial owner of any of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of his pecuniary interest.

**ITEM 1.**

**(a) NAME OF ISSUER :** Xenon Pharmaceuticals, Inc.

**(b) ADDRESS OF ISSUER S PRINCIPAL EXECUTIVE OFFICE :**  
200 3650 Gilmore Way, Burnaby, British Columbia, Canada V5G 4W8

**ITEM 2.**

**(a) NAME OF PERSON(S) FILING:**

InterWest Partners VII, LP ( IWP VII )

InterWest Investors VII, LP ( II VII )

InterWest Management Partners VII, LLC ( IMP VII )

Harvey B. Cash ( Cash )

Philip T. Gianos ( Gianos )

W. Stephen Holmes III ( Holmes )

Nina S. Kjellson ( Kjellson )

Gilbert H. Kliman ( Kliman )

Arnold L. Oronsky ( Oronsky )

**(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE :**  
2710 Sand Hill Road, Suite 200, Menlo Park, CA 94025

**(c) CITIZENSHIP/PLACE OF ORGANIZATION:**

|           |               |
|-----------|---------------|
| IWP VII:  | California    |
| II VII:   | California    |
| IMP VII:  | California    |
| Cash:     | United States |
| Gianos:   | United States |
| Holmes:   | United States |
| Kjellson: | United States |
| Kliman:   | United States |

Oronsky: United States

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(d) **TITLE OF CLASS OF SECURITIES:** Common Stock

(e) **CUSIP NUMBER:** 98420N105

**ITEM 3. NOT APPLICABLE.**

**ITEM 4. OWNERSHIP.**

|                          | <b>IWP<br/>VII</b> | <b>II VII</b> | <b>IMP VII (1)</b> |
|--------------------------|--------------------|---------------|--------------------|
| Beneficial Ownership     | 767,187            | 36,738        | 803,925            |
| Percentage of Class      | 5.4%               | 0.3%          | 5.7%               |
| Sole Voting Power        | 767,187            | 36,738        | 803,925            |
| Shared Voting Power      | 0                  | 0             | 0                  |
| Sole Dispositive Power   | 767,187            | 36,738        | 803,925            |
| Shared Dispositive Power | 0                  | 0             | 0                  |

|                          | <b>Cash (2)</b> | <b>Gianos (2)</b> | <b>Holmes (2)</b> |
|--------------------------|-----------------|-------------------|-------------------|
| Beneficial Ownership     | 803,925         | 803,925           | 803,925           |
| Percentage of Class      | 5.7%            | 5.7%              | 5.7%              |
| Sole Voting Power        | 0               | 0                 | 0                 |
| Shared Voting Power      | 803,925         | 803,925           | 803,925           |
| Sole Dispositive Power   | 0               | 0                 | 0                 |
| Shared Dispositive Power | 803,925         | 803,925           | 803,925           |

|                          | <b>Kjellson (3)</b> | <b>Kliman (2)</b> | <b>Oronsky (2)</b> |
|--------------------------|---------------------|-------------------|--------------------|
| Beneficial Ownership     | 804,639             | 803,925           | 803,925            |
| Percentage of Class      | 5.7%                | 5.7%              | 5.7%               |
| Sole Voting Power        | 714                 | 0                 | 0                  |
| Shared Voting Power      | 803,925             | 803,925           | 803,925            |
| Sole Dispositive Power   | 714                 | 0                 | 0                  |
| Shared Dispositive Power | 803,925             | 803,925           | 803,925            |

- (1) IMP VII is the general partner of IWP VII and II VII.
- (2) Cash, Gianos, Holmes, Kliman, and Oronsky are Managing Directors of IMP VII and share voting and investment control over shares held by IWP VII and II VII. Beneficial ownership is expressly disclaimed, except to the extent of their pecuniary interest.
- (3) Kjellson is an Agent of IMP VII with no beneficial ownership of shares held by IWP VII or II VII. The total above includes options exercisable for 714 shares common stock within 60 days of 12/31/14, received while a Director of the Issuer.

**ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.**

Not applicable.

**ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.**

Under certain circumstances set forth in the limited liability company operating agreement of IMP VII, the members of such limited liability company have the right to receive dividends from, or the proceeds from the sale of, the common stock of Issuer beneficially owned by such limited liability company.

**ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.**

Not applicable.

**ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.**

No reporting person is a member of a group as defined in section 240.13d-1(b)(1)(iii)(H) of the Act.

**ITEM 9. NOTICE OF DISSOLUTION OF THE GROUP.**

Not applicable.

**ITEM 10. CERTIFICATION.**

Not applicable.

**EXHIBITS**

Joint Filing Statement attached as Exhibit A.

**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.

Date: February 13, 2015

**INTERWEST PARTNERS VII, LP**

By: /s/ Harvey B. Cash  
Name: Harvey B. Cash

By: InterWest Management Partners VII, LLC  
its General Partner

By: /s/ Philip T. Gianos  
Name: Philip T. Gianos

By: /s/ W. Stephen Holmes  
Managing Director

**INTERWEST INVESTORS VII, LP**

By: /s/ W. Stephen Holmes  
Name: W. Stephen Holmes III

By: InterWest Management Partners VII, LLC  
its General Partner

By: /s/ Gilbert H. Kliman  
Name: Gilbert H. Kliman

By: /s/ W. Stephen Holmes  
Managing Director

By: /s/ Arnold L. Oronsky  
Name: Arnold L. Oronsky

**INTERWEST MANAGEMENT PARTNERS VII, LLC**

By: /s/ Nina S. Kjellson  
Name: Nina S. Kjellson

By: /s/ W. Stephen Holmes  
Managing Director