Xenon Pharmaceuticals Inc.

Form S-8

March 09, 2016

As filed with the Securities and Exchange Commission on March 9, 2016

Registration No. 333-UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM S 8 REGISTRATION STATEMENT

Under

The Securities Act of 1933

XENON PHARMACEUTICALS INC.

(Exact name of Registrant as specified in its charter)

Canada 98-0661854
(State or other jurisdiction of incorporation or organization) Identification Number)

200 – 3650 Gilmore Way

Burnaby, British Columbia V5G 4W8

Canada (604) 484-3300 (Address of principal executive offices, including zip code) 2014 Equity Incentive Plan (Full title of the plan) Simon N. Pimstone

President and Chief Executive Officer

Xenon Pharmaceuticals Inc.

200 – 3650 Gilmore Way

Burnaby, British Columbia V5G 4W8

Canada

(604) 484-3300

(Name, address and telephone number, including area code, of agent for service)

Copies to:

Ian C. Mortimer Jeffrey D. Saper

Chief Financial and Chief Operating Officer Steven V. Bernard

Xenon Pharmaceuticals Inc. Bryan D. King

200 – 3650 Gilmore Way Wilson Sonsini Goodrich & Rosati,

Burnaby, British Columbia V5G 4W8 Professional Corporation

Canada 650 Page Mill Road

(604) 484-3300 Palo Alto, California 94304

(650) 493-9300

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filero Accelerated filerx

Non-accelerated filero (do not check if a smaller reporting company) Smaller reporting companyo CALCULATION OF REGISTRATION FEE

	Proposed				
	MaximumProposed				
	Maximum Amount Offering Maximu		Maximum Aggregate	Aggregate Amount of	
	to be Registered	Price Per	Offering Price	Registration	
Title of Securities to be Registered	(1)	Share		Fee	
Common Shares, no par value per share,					
reserved for issuance pursuant to the 2014					
Equity Incentive Plan	375,000 (2)	\$7.49 (3)	\$2,808,750	\$283	
TOTAL:	375,000		\$2,808,750	\$283	

- (1)Pursuant to Rule 416(a) of the Securities Act of 1933, as amended, this Registration Statement shall also cover any additional common shares of the Registrant that become issuable under the 2014 Equity Incentive Plan (the "2014 Plan") by reason of any share dividend, share split, recapitalization or other similar transaction effected without receipt of consideration that increases the number of the Registrant's outstanding common shares.
- (2)Represents 375,000 additional common shares reserved for issuance as a result of the annual evergreen increase pursuant to the 2014 Plan.
- (3)Estimated in accordance with Rule 457(h) solely for the purpose of calculating the registration fee on the basis of \$7.49, the average of the high and low prices of the Registrant's common shares as reported on The NASDAQ Global Market on March 4, 2016.

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XENON PHARMACEUTICALS INC. REGISTRATION OF ADDITIONAL SECURITIES PURSUANT TO GENERAL INSTRUCTION E

This Registration Statement registers additional common shares of Xenon Pharmaceuticals Inc. (the "Registrant") to be issued pursuant to the Registrant's 2014 Equity Incentive Plan (the "2014 Plan"). Accordingly, the contents of (i) the previous Registration Statement on Form S-8 filed by the Registrant with the Securities and Exchange Commission (the "Commission") on November 5, 2014 (File No. 333-199860) and (ii) the previous Registration Statement on Form S-8 filed by the Registrant with the Commission pursuant to General Instruction E for the 2014 Plan on March 16, 2015 (File No. 333-202765) (together, the "Previous Forms S-8"), including periodic reports filed after the Previous Forms S-8 to maintain current information about the Registrant, are incorporated by reference into this Registration Statement pursuant to General Instruction E of Form S-8.

Item 3. Incorporation of Documents by Reference.

The following documents previously filed with the Commission are hereby incorporated by reference:

- (1) The Registrant's Annual Report on Form 10-K for the fiscal year ended December 31, 2015, filed with the Commission on March 9, 2016;
- (2) All other reports filed with the Commission pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the "Act"), since the end of the fiscal year covered by the Registrant's Annual Report referred to in (1) above; and
- (3) The description of the Registrant's common shares contained in the Registration Statement on Form 8-A12B (File No. 001-36687) filed with the Commission on October 10, 2014, pursuant to Section 12(b) of the Act, including any amendment or report filed for the purpose of updating such description.

All documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Act, prior to the filing of a post-effective amendment which indicates that all securities registered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be part hereof from the date of filing of such documents; provided, however, that documents or information deemed to have been furnished and not filed in accordance with the rules of the Commission shall not be deemed incorporated by reference into this Registration Statement. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed document which also is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Under no circumstances will any information furnished under current items 2.02 or 7.01 of Form 8-K be deemed incorporated herein by reference unless such Form 8-K expressly provides to the contrary.

Item 8. Exhibits

Incorporated by Reference Exhibit Number **Exhibit Description** Form File No. Exhibit Filing Date 4.1 Specimen common share certificate of the Registrant. S-1/A333-1986664.1 10/6/2014 4.2 2014 Equity Incentive Plan, and form of option agreement S-1 333-19866610.8 9/10/2014 thereunder. 5.1 Opinion of McCarthy Tétrault LLP. Consent of KPMG LLP, Independent Registered Public 23.1 Accounting Firm. 23.2 Consent of McCarthy Tétrault LLP (contained in Exhibit 5.1 hereto). 24.1 Power of Attorney (contained on signature page hereto).

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Burnaby, British Columbia, Canada, on March 9, 2016.

XENON PHARMACEUTICALS INC.

By:/s/ Simon Pimstone
Simon Pimstone
President and Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Simon Pimstone and Ian Mortimer as his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities (including his capacity as a director and/or officer of Xenon Pharmaceuticals Inc.) to sign any or all amendments (including post-effective amendments) to this registration statement on Form S-8, as amended, and to file the same, with all exhibits thereto, and all other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as they or he might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agents or any of them, or their or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement on Form S-8 has been signed by the following persons in the capacities and on the dates indicated.

Name	Title	Date
/s/ Simon Pimstone Simon Pimstone	President, Chief Executive Officer and Director (Principal Executive Officer)	March 9, 2016
/s/ Ian Mortimer Ian Mortimer	Chief Financial Officer and Chief Operating Officer (Principal Financial and Accounting Officer)	March 9, 2016
/s/ Michael Tarnow Michael Tarnow	Chair of the Board of Directors	March 9, 2016
/s/ Mohammad Azab Mohammad Azab	Director	March 9, 2016
/s/ Steven Gannon Steven Gannon	Director	March 9, 2016
/s/ Michael Hayden Michael Hayden	Director	March 9, 2016

/s/ Frank Holler Frank Holler	Director	March 9, 2016
/s/ Gary Patou Gary Patou	Director	March 9, 2016
/s/ Richard Scheller Richard Scheller	Director	March 9, 2016

INDEX TO EXHIBITS

Incorporated by Reference

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	thereunder.	
5.1	Opinion of McCarthy Tétrault LLP.	
23.1	Consent of KPMG LLP, Independent Registered Public	
	Accounting Firm.	
23.2	Consent of McCarthy Tétrault LLP (contained in Exhibit 5.1	
	hereto).	
24.1	Power of Attorney (contained on signature page hereto).	