

AYCARDI-FONSECA ERNESTO

Form 4

March 20, 2018

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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Check this box
 if no longer
 subject to
 Section 16.
 Form 4 or
 Form 5
 obligations
 may continue.
See Instruction
 1(b).

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 AYCARDI-FONSECA ERNESTO

(Last) (First) (Middle)

C/O XENON
 PHARMACEUTICALS
 INC., 200-3650 GILMORE WAY

(Street)

2. Issuer Name **and** Ticker or Trading
 Symbol

Xenon Pharmaceuticals Inc. [XENE]

3. Date of Earliest Transaction
 (Month/Day/Year)

03/19/2018

5. Relationship of Reporting Person(s) to
 Issuer

(Check all applicable)

____ Director ____ 10% Owner
 ____X____ Officer (give title below) ____ Other (specify below)

Chief Medical Officer

4. If Amendment, Date Original
 Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check
 Applicable Line)
 ____X____ Form filed by One Reporting Person
 ____ Form filed by More than One Reporting
 Person

BURNABY, A1 V5G4W8

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)
			Code	V	Amount	(D)	Price

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

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SEC 1474
 (9-02)

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount of Underlying Securities	8
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and 4)		S (
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 4.65	03/19/2018	A		50,000		<u>(1)</u>	03/18/2028	Common Shares	50,000

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
AYCARDI-FONSECA ERNESTO C/O XENON PHARMACEUTICALS INC. 200-3650 GILMORE WAY BURNABY, A1 V5G4W8	Chief Medical Officer

Signatures

/s/ Joanne Smartt,
Attorney-in-fact
03/20/2018

**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) Vesting 25% on March 19, 2019, and 75% vesting thereafter over the course of the next 3 years, in equal amounts, on the last day of each month.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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