

AYCARDI-FONSECA ERNESTO  
 Form 3  
 March 20, 2018

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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)

BURNABY, WA 98025

(City) (State) (Zip)

2. Date of Event Requiring Statement  
 (Month/Day/Year)  
 03/19/2018

3. Issuer Name and Ticker or Trading Symbol  
 Xenon Pharmaceuticals Inc. [XENE]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer  Other  
 (give title below) (specify below)  
 Chief Medical Officer

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

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

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
No securities are beneficially owned	0	D (1)	^

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date	3. Title and Amount of Securities Underlying	4. Conversion	5. Ownership	6. Nature of Indirect Beneficial Ownership
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(Month/Day/Year)	Derivative Security (Instr. 4)	or Exercise Price of Derivative Security	Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	(Instr. 5)			
Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
No securities are beneficially owned	∅ (1)	∅ (1)	N/A (1)	∅	\$ 0	D	∅

## 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, 03/20/2018  
Attorney-in-fact

∅Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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) Not applicable

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### Remarks:

Exhibit∅ Index:∅ 24.1∅ Power∅ of∅ Attorney

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.