UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): March 9, 2016

XENON PHARMACEUTICALS INC.

(Exact name of Registrant as Specified in Its Charter)

Canada (State or Other Jurisdiction of Incorporation) **001-36687** (Commission File Number)

98-0661854 (IRS Employer Identification No.)

200-3650 Gilmore Way Burnaby, British Columbia V5G 4W8 Canada

(Address of principal executive offices including zip code)

(604) 484-3300

(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report)

ck the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of ollowing provisions (see General Instructions A.2. below):
Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 Other Events

On March 9, 2016, Xenon Pharmaceuticals Inc. (the "Company") announced the meeting and record date and certain other information relating to its 2016 annual meeting of shareholders pursuant to a filing submitted to the System for Electronic Document Analysis and Retrieval ("SEDAR") in Canada.

A copy of the filing submitted to SEDAR is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits.

Exhibit

Number Description

99.1 SEDAR filing submitted March 9, 2016.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: March 9, 2016

By: /s/ Ian Mortimer

Ian Mortimer

Chief Financial Officer& Chief Operating Officer

EXHIBIT INDEX

Exhibit

Number Description

99.1 SEDAR filing submitted March 9, 2016.



Joshua P. McGinn, CEP Senior Vice President, Western Region Relationship Management

American Stock Transfer & Trust Company, LLC One Embarcadero Center - Suite 566 San Francisco, CA 94111

Office: 415.835-1313

March 9, 2016

Alberta Securities Commission

British Columbia Securities Commission

Ontario Securities Commission

RE: Xenon Pharmaceuticals Inc.

Pursuant to a request from the above-mentioned reporting issuer, we wish to advise you of the following information in connection with its Annual Meeting of Shareholders:

Date of meeting: June 2, 2016 Record date for notice: April 4, 2016 Record date for voting: April 4, 2016 Beneficial ownership determination date: April 4, 2016 Securities entitled to notice: Common Shares Securities entitled to vote: Common Shares Issuer mailing directly to non objecting beneficial owners: No

Issuer will pay for objecting beneficial owner material distribution: Yes Issuer using notice-and-access for registered investors: No Issuer using notice-and-access for non-registered investors: No Notice-and-access stratification criteria: N/A

Yours very truly,

/s/ Joshua P. McGinn

Joshua P. McGinn Senior Vice-President, Western Region Relationship Management