UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 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): May 24, 2012

ACCESS PHARMACEUTICALS, INC. (Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) **0-9314** (Commission File Number)

83-0221517 (I.R.S. Employer Identification No.)

2600 Stemmons Freeway, Suite 176 Dallas, TX 75207 (Address of principal executive offices) (Zip Code)

(214) 905-5100

(Registrant's telephone number, including area code)

N/A

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

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction 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))

D Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

Effective May 24, 2012, Esteban Cvitkovic has voluntarily resigned from his position as a director of Access Pharmaceuticals, Inc. (the "Company"). Dr. Cvitkovic has served on the Company's Board of Directors since February 2007. Dr. Cvitkovic does not have any disputes or disagreements with the Company with regard to any of the Company's policies, operations or practices.

SIGNATURE

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 hereunto duly authorized.

Access Pharmaceuticals, Inc. (Registrant)

By: /s/ Stephen B. Thompson Stephen B. Thompson Vice President and Chief Financial Officer

Dated May 29, 2012