

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): July 11, 2018

ACELRX PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State of incorporation)

001-35068

(Commission File No.)

41-2193603

(IRS Employer Identification No.)

351 Galveston Drive

Redwood City, CA 94063

(Address of principal executive offices and zip code)

Registrant's telephone number, including area code: **(650) 216-3500**

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

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 2.02 Results of Operations and Financial Condition

On July 11, 2018, AcelRx Pharmaceuticals, Inc. (the “*Company*”) filed a preliminary prospectus supplement with the U.S. Securities and Exchange Commission (the “*SEC*”), pursuant to Rule 424(b)(5) (the “*Preliminary Prospectus Supplement*”), in which it disclosed that, although it has not finalized its financial statements for the quarter ended June 30, 2018, it expects to report that it had approximately \$50 million of cash, cash equivalents and short-term investments as of June 30, 2018. This estimate of the Company’s cash, cash equivalents and short-term investments as of June 30, 2018 is preliminary, has not been audited and is subject to change upon completion of the Company’s financial statement closing procedures and review of the financial statements by the Company’s independent registered public accounting firm. Additional information and disclosure would be required for a more complete understanding of our financial position and results of operations as of June 30, 2018.

Forward-Looking Statements

This Item 2.02 of this report contains forward-looking statements, including, without limitation, statements relating to the Company’s cash position as of June 30, 2018. These forward-looking statements are based upon the Company’s current expectations. Actual results could differ materially from these forward-looking statements as a result of certain factors, including, without limitation, risks related to changes in estimated cash position based on the completion of the Company’s financial statement closing procedures and the review by the Company’s independent registered public accounting firm of such financial statements, and other risks detailed in the Company’s filings with the SEC. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this report. The Company does not undertake any obligation to update any forward-looking statements as a result of new information, future events, changed assumptions or otherwise.

The information contained in this Item 2.02 shall be deemed to be “furnished” and shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “*Exchange Act*”), or otherwise subject to the liabilities of that Section or Sections 11 and 12(a)(2) of the Securities Act of 1933, as amended (the “*Securities Act*”). The information contained in this Item 2.02 to this Current Report shall not be incorporated by reference into any filing with the SEC under the Securities Act or the Exchange Act made by the Company, whether made before or after the date hereof, regardless of any general incorporation language in such filing.

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 hereunto duly authorized.

Date: July 11, 2018

ACELRX PHARMACEUTICALS, INC.

By: /s/ Raffi Asadorian

Raffi Asadorian

Chief Financial Officer