
**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): December 16, 2014

Idera Pharmaceuticals, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware
(State or Other Jurisdiction
of Incorporation)

001-31918
(Commission
File Number)

04-3072298
(IRS Employer
Identification No.)

167 Sidney Street
Cambridge, Massachusetts
(Address of Principal Executive Offices)

02139
(Zip Code)

Registrant's telephone number, including area code: (617) 679-5500

(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))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 8.01. Other Events.

On December 16, 2014, Participations Besancon converted 110,901 shares of Idera Pharmaceuticals, Inc.'s (the "Company") Series E convertible preferred stock ("Series E preferred stock") into 2,218,020 shares of the Company's common stock in accordance with the terms of the Company's Certificate of Designations, Preferences and Rights of Series E Preferred Stock. Upon such conversion, no shares of the Company's Series E preferred stock remained outstanding.

Pillar Invest Corporation has advised the Company that on December 12, 2014, December 15, 2014 and December 16, 2014, Pillar Pharmaceuticals I, L.P., Pillar Pharmaceuticals II, L.P., Pillar Pharmaceuticals III, L.P. and Pillar Pharmaceuticals IV, L.P. sold an aggregate of 1,101,751 shares of the Company's common stock.

SIGNATURE

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

Idera Pharmaceuticals, Inc.

Date: December 17, 2014

By: _____
/s/ Louis J. Arcudi, III
Louis J. Arcudi, III
*Senior Vice President of Operations, Chief
Financial Officer, Treasurer and Secretary*