
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):

June 17, 2011

ADVENTRX Pharmaceuticals, Inc.

(Exact name of registrant as specified in its charter)

Delaware

001-32157

84-1318182

(State or other jurisdiction
of incorporation)

(Commission
File Number)

(I.R.S. Employer
Identification No.)

12390 El Camino Real, Suite 150, San Diego,
California

92130

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

858-552-0866

Not Applicable

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:

- 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 4.01 Changes in Registrant's Certifying Accountant.

a) Dismissal of independent registered public accounting firm.

On June 17, 2011, we dismissed J.H. Cohn LLP, or J.H. Cohn, as our independent registered public accounting firm.

The Audit Committee of our Board of Directors approved such dismissal.

The audit report of J.H. Cohn on our consolidated financial statements as of and for either of the years ended December 31, 2010 or December 31, 2009, respectively, did not contain an adverse opinion or a disclaimer of opinion and was not qualified or modified as to uncertainty, audit scope or accounting principles.

During the fiscal years ended December 31, 2010 and 2009, and through June 17, 2011, there were no disagreements (as defined in Item 304(a)(1)(iv) of Regulation S-K and the related instructions to Item 304 of Regulation S-K) with J.H. Cohn on any matter of accounting principles or practices, financial statement disclosure, or auditing scope or procedure, which disagreements, if not resolved to the satisfaction of J.H. Cohn, would have caused J.H. Cohn to make reference to the subject matter of the disagreements in its reports on our consolidated financial statements for such years.

During the fiscal years ended December 31, 2010 and 2009, and through June 17, 2011, there were no reportable events of the kind that would require disclosure under Item 304(a)(1)(v) of Regulation S-K.

We provided J.H. Cohn with a copy of the above disclosures and requested J.H. Cohn to provide us with a letter addressed to the Securities and Exchange Commission stating whether it agrees with such disclosures. A copy of J.H. Cohn's letter dated June 21, 2011 is attached as Exhibit 16.1 to this Form 8-K.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

16.1 Letter from J.H. Cohn LLP to the Securities and Exchange Commission dated June 21, 2011

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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.

ADVENTRX Pharmaceuticals, Inc.

June 23, 2011

By: */s/ Patrick L. Keran*

Name: Patrick L. Keran
Title: President and Chief Operating Officer

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
16.1	Letter from J.H. Cohn LLP to the Securities and Exchange Commission dated June 21, 2011

June 21, 2011

United States Securities and Exchange Commission
100 F Street, N.E.
Washington, DC 20549

Re: ADVENTRX Pharmaceuticals, Inc. Commission File Number 001-32157

Ladies and Gentlemen:

We have read Item 4.01 of Form 8-K of ADVENTRX Pharmaceuticals, Inc. to be filed with the Securities and Exchange Commission on or about June 21, 2011, and we are in agreement with the statements contained under Item 4.01(a) paragraphs one and three through six therein as they relate to our firm. We have no basis to agree or disagree with the other statements of the registrant contained therein.

/s/ J.H. Cohn LLP

J.H. Cohn LLP
San Diego, California