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): January 19, 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))

Top of the Form

Item 8.01 Other Events.

On January 19, 2011, ADVENTRX Pharmaceuticals, Inc. issued a press release announcing that the U.S. Food and Drug Administration has established a Prescription Drug User Fee Act date of September 1, 2011 for the review of the Exelbine(TM) (ANX-530) New Drug Application. The press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

The list of exhibits called for by this Item is incorporated by reference to the Exhibit Index filed with this report.

Top of the Form

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.

January 19, 2011

By: /s/ Patrick L. Keran

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

Top of the Form

Exhibit Index

Exhibit No.	Description
99.1	Press release, dated January 19, 2011

ADVENTRX PHARMACEUTICALS RECEIVES PDUFA DATE FOR EXELBINE™ NDA

SAN DIEGO – January 19, 2011 – ADVENTRX Pharmaceuticals, Inc. (NYSE Amex: ANX) announced today that the U.S. Food and Drug Administration (FDA) has established a Prescription Drug User Fee Act (PDUFA) date of September 1, 2011 for the review of the Exelbine (ANX-530) New Drug Application (NDA). The acceptance of the Exelbine NDA is the FDA's determination that the application is sufficiently complete to permit a substantive review, and the PDUFA date is the goal date for the FDA to complete its review of the NDA.

"With a September PDUFA date established in the Day 74 letter from the FDA, we look forward to working closely with the Agency on moving Exelbine toward approval this year," said Brian M. Culley, Chief Executive Officer of ADVENTRX.

About Exelbine
ADVENTRX is seeking approval of Exelbine for the same indications as Navelbine®, a branded formulation of vinorelbine, including non-small cell lung cancer. ADVENTRX submitted the NDA as a 505(b)(2) application that relies in part on the FDA's findings of safety and effectiveness of a reference drug. The Exelbine NDA includes data from one clinical bioequivalence study designed to assess the pharmacokinetic equivalence of Exelbine and Navelbine, the reference drug. In this clinical bioequivalence study, Exelbine and the reference drug were determined by ADVENTRX to be bioequivalent.

ADVENTRX retains exclusive worldwide rights to Exelbine, other than in South Korea, China, Hong Kong, Macau and Taiwan. In March 2010, the FDA conditionally accepted "Exelbine" as the proposed proprietary name for ANX-530. The United States Patent and Trademark Office has allowed patent claims related to Exelbine, which claims issued in January 2011 and will expire in November2027.

About ADVENTRX Pharmaceuticals
ADVENTRX Pharmaceuticals is a specialty pharmaceutical company whose product candidates are being developed to improve the performance of existing anti-cancer drugs by addressing limitations associated principally with their safety and use. More information can be found on the Company's web site at www.adventrx.com.

Forward Looking Statements
ADVENTRX cautions you that statements included in this press release that are not a description of historical facts are forward-looking statements that are based on ADVENTRX's current expectations and assumptions. Such forward-looking statements include, but are not limited to, statements regarding the timing and receipt of regulatory approval of Exelbine based on the 505(b)(2) NDA accepted for filing, working with the FDA in the regulatory review process and the bioequivalence of Exelbine and Navelbine. Actual events or results may differ materially from those expressed or implied by the forward-looking statements in this press release due to a number of risks and uncertainties, including, without limitation: the risk that ADVENTRX does not receive FDA approval of Exelbine on a timely basis, or at all; the potential for the FDA to determine that the bioequivalence data and other information included in the Exelbine NDA does not adequately support bioequivalence with Navelbine, including as a result of performing pharmacokinetic equivalence analyses based on a patient population other than the population on which ADVENTRX based its analysis; the potential that changes made in transferring the manufacturing process for Exelbine may result in a lack of comparability between the commercial product and the material used in the bioequivalence trial; the risk that results of future stability testing on samples of Exelbine do not support comparability between ADVENTRX's prior and intended commercial manufacturing sites or a commercially-viable expiration dating period; the potential for the FDA to impose other requirements to be completed before or after approval of the Exelbine NDA, including that the FDA may require ADVENTRX to perform additional nonclinical, bioequivalence or clinical studies; ADVENTRX's reliance on third parties to assist with its bioequivalence trials, regulatory submissions, manufacturing and other important aspects of the Exelbine development program, and the risk that FDA approval may be delayed if their performance is found to have been substandard; the risk that any patent issued to ADVENTRX may not provide sufficient protection and market exclusivity for Exelbine and may be challenged, invalidated, infringed or circumvented by third parties, including by ADVENTRX's competitors; ADVENTRX's dependence on the success of Exelbine as its first product candidate to be submitted for regulatory approval; the potential that ADVENTRX may require substantial additional funding to obtain FDA approval for and commercialize Exelbine, and the risks inherent in these activities; the potential for ADVENTRX to enter into a commercial partnership or other strategic transaction relating to Exelbine and that such partnership or transaction may not succeed in commercializing Exelbine; and other risks and uncertainties more fully described in ADVENTRX's press releases and periodic filings with the Securities and Exchange Commission. ADVENTRX's public filings with the Securities and Exchange Commission are available at www.sec.gov.

You are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date when made. ADVENTRX does not intend to revise or update any forward-looking statement set forth in this press release to reflect events or circumstances arising after the date hereof, except as may be required by law.

Company Contact:
ADVENTRX Pharmaceuticals
Ioana C. Hone (ir@adventrx.com)
858-552-0866 Ext. 303

Investor Contact:
Lippert/Heilshorn & Associates, Inc.
Don Markley (dmarkley@lhai.com)
310-691-7100

# # #