

**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): October 10, 2007

ADVENTRX Pharmaceuticals, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware
(State or Other Jurisdiction of
Incorporation)

001-32157
(Commission File No.)

84-1318182
(IRS Employer Identification No.)

**6725 Mesa Ridge Road, Suite 100
San Diego, CA 92121**
(Address of Principal Executive Offices and Zip Code)

N/A
(Former name or former address if changed since last report)

Registrant's telephone number, including area code: **(858) 552-0866**

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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TABLE OF CONTENTS

[Item 8.01. Other Events](#)

[Item 9.01. Financial Statements and Exhibits](#)

[SIGNATURE](#)

[INDEX TO EXHIBITS](#)

[EXHIBIT 99.1](#)

[Table of Contents](#)

Item 8.01. Other Events.

On October 10, 2007, ADVENTRX Pharmaceuticals, Inc. updated its corporate presentation in light of the results of its Phase 2b clinical trial of ANX-510, or CoFactor®, for the treatment of metastatic colorectal cancer, which results were announced on October 1, 2007. Certain portions of the updated presentation are reflected in the slides attached as Exhibit 99.1 and are 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 Index to Exhibits filed with this report.

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.

ADVENTRX PHARMACEUTICALS, INC.

Dated: October 10, 2007

By: /s/ Evan M. Levine

Name: Evan M. Levine

Title: Chief Executive Officer

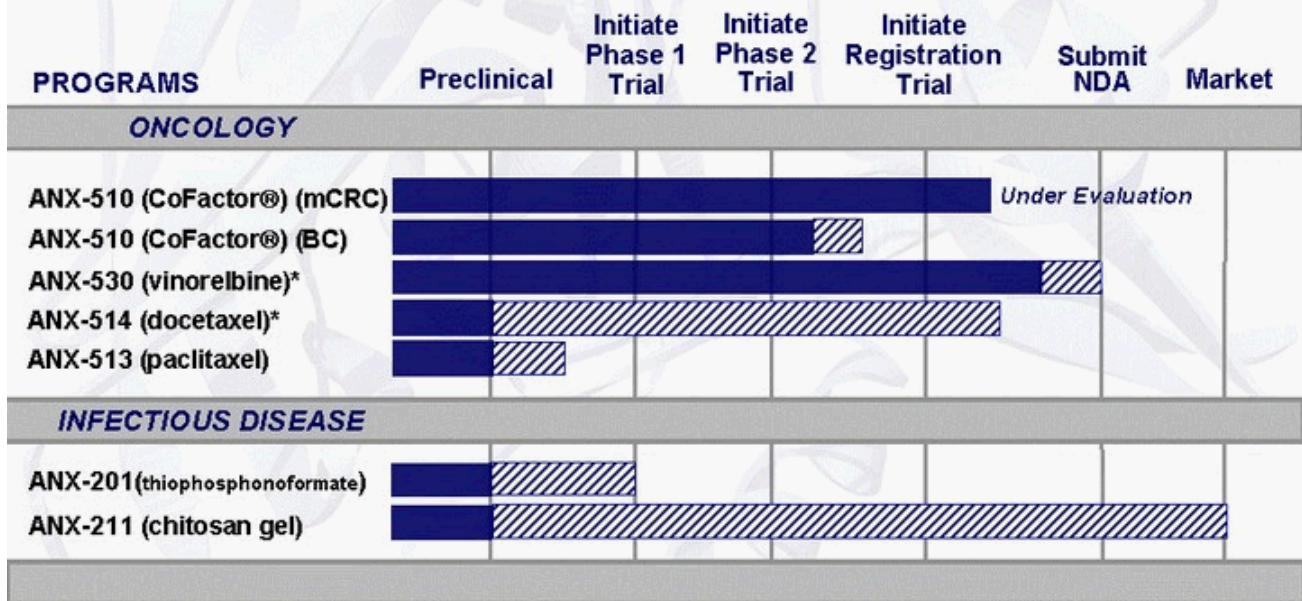
INDEX TO EXHIBITS

99.1 Selected presentation slides

Clinical Development Plan

- Three clinical trials currently ongoing:
 - **CoFactor Pivotal Phase 3 Study (colorectal cancer)**
 - Currently under evaluation
 - Spending commitments reduced
 - **CoFactor Phase 2 Study (breast cancer)**
 - Completion of patient enrollment anticipated Q4'07
 - Data anticipated Q2'08
 - **ANX-530 Marketing-enabling Bioequivalence Study**
 - Patient enrollment complete
 - Data anticipated Nov. '07
- **ANX-514 Marketing-enabling Bioequivalence Study**
 - Study anticipated Q4'07, pending appropriate regulatory clearances

ADVENTRX Pipeline and 2008 Goals



 Current status  Anticipated 2008 progress

* Anticipated 505(b)(2) registration strategy (subject to FDA approval)

ADVENTRX
PHARMACEUTICALS