

ADVENTRX PHARMACEUTICALS INC  
 Form 3  
 March 09, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|   |         |                                      |  |  |
|---|---------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol |  |
| Â Cantwell Mark Joseph                    |         | (Month/Day/Year)                     | ADVENTRX PHARMACEUTICALS INC [ANX]                 |  |
| (Last)                                    | (First) | (Middle)                             | 02/28/2006   |  |
| 6725 MESA RIDGE RD., Â SUITE 100          |         |                                      | 4. Relationship of Reporting Person(s) to Issuer   | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)                                  |         |                                      | (Check all applicable)                             |  |
| SAN DIEGO, Â CA Â 92121                   |         |                                      | <input type="checkbox"/> Director                  | <input type="checkbox"/> 10% Owner                                     |
| (City)                                    | (State) | (Zip)                                | <input checked="" type="checkbox"/> Officer        | <input type="checkbox"/> Other   |
|   |         |                                      | (give title below)                                 | (specify below)  |
|   |         |                                      | VP, Research & Development                         |  |
|   |         |                                      |  | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
|   |         |                                      |  | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|   |         |                                      |  | <input type="checkbox"/> Form filed by More than One Reporting Person  |

**Table I - Non-Derivative Securities Beneficially Owned**

|                                 |   |  |   |
|---------------------------------|---|--|---|
| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

|  |  |   |  |  |   |
|--|--|---|--|--|---|
| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|  | Date Exercisable   | Expiration Date   | Title  | Amount or Number of Shares   |   |

(Instr. 5)

|                                    |                           |            |                 |        |         |   |   |
|------------------------------------|---------------------------|------------|-----------------|--------|---------|---|---|
| Option to Purchase<br>Common Stock | 11/03/2004 <sup>(1)</sup> | 12/30/2008 | Common<br>Stock | 50,000 | \$ 1.4  | D | Â |
| Option to Purchase<br>Common Stock | 01/01/2006 <sup>(2)</sup> | 07/13/2015 | Common<br>Stock | 50,000 | \$ 2.3  | D | Â |
| Option to Purchase<br>Common Stock | 01/01/2007 <sup>(3)</sup> | 01/01/2016 | Common<br>Stock | 50,000 | \$ 4.75 | D | Â |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                                 |       |
|---|---------------|-----------|---------------------------------|-------|
|   | Director      | 10% Owner | Officer                         | Other |
| Cantwell Mark Joseph<br>6725 MESA RIDGE RD.<br>SUITE 100<br>SAN DIEGO, CA 92121 | Â             | Â         | Â VP, Research<br>& Development | Â     |

## Signatures

/s/ Mark J.  
Cantwell

03/09/2006

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).
  - \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) This option is fully vested as the date of this report.
  - (2) This option vested and became exercisable with respect to one-fourth of the shares on January 1, 2006, and will vest and become exercisable with respect to one-forty eight of the shares at the end of each successive month after January 1, 2006.
  - (3) This option will vest and become exercisable with respect to one-fourth of the shares on January 1, 2007 and as to one-forty-eighth of the shares at the end of each successive month after January 1, 2007.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.