

Vetticaden Santosh  
 Form 3  
 September 05, 2012

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

OMB APPROVAL

OMB Number: 3235-0104  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

**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 Vetticaden Santosh                      |         | (Month/Day/Year)                     | ADVENTRX PHARMACEUTICALS INC [ANX]  |  |
| (Last)                                    | (First) | (Middle)                             | 09/05/2012  |  |
| 12390 EL CAMINO REAL,<br>SUITE 150        |         |                                      | 4. Relationship of Reporting Person(s) to Issuer  | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)                                  |         |                                      | (Check all applicable)  |  |
| SAN DIEGO,Â CAÂ 92130                     |         |                                      | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner  | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
| (City)                                    | (State) | (Zip)                                | <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|   |         |                                      | Chief Medical Officer & SVP   | <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   |   |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |                             |
|--|---------------|-----------|---------|-----------------------------|
|  | Director      | 10% Owner | Officer | Other                       |
| Vetticaden Santosh<br>12390 EL CAMINO REAL, SUITE 150<br>SAN DIEGO, CA 92130 | ^             | ^         | ^       | Chief Medical Officer & SVP |

## Signatures

/s/ Santosh J.  
Vetticaden

09/05/2012

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

### No securities are beneficially owned

- \* 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).

^

### Remarks:

The reporting person does not beneficially own any securities of the issuer.

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.