

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>LEVINE EVAN</u>  (Last) (First) (Middle) 6725 MESA RIDGE RD. , SUITE 100  (Street) SAN DIEGO CA 92121  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ADVENTRX PHARMACEUTICALS INC</u> [ ANX ]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) President and CEO
	3. Date of Earliest Transaction (Month/Day/Year) 09/12/2005	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	09/12/2005		S <sup>(1)</sup>		1,000	D	\$3.64	4,193,399	I	see footnote <sup>(2)</sup>
Common Stock	09/12/2005		S <sup>(1)</sup>		4,600	D	\$3.62	4,188,799	I	see footnote <sup>(2)</sup>
Common Stock	09/12/2005		S <sup>(1)</sup>		1,100	D	\$3.61	4,187,699	I	see footnote <sup>(2)</sup>
Common Stock	09/12/2005		S <sup>(1)</sup>		19,599	D	\$3.6	4,168,100	I	see footnote <sup>(2)</sup>
Common Stock	09/13/2005		S <sup>(1)</sup>		28,100	D	\$3.5	4,140,000	I	see footnote <sup>(2)</sup>
Common Stock	09/14/2005		X		54,399	A	\$0.5	4,194,399	I	see footnote <sup>(2)</sup>

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Warrant to purchase common stock	\$0.5	09/14/2005		X			54,399	11/01/2001	11/01/2006	Common Stock	54,399	\$0.5	125,601	I	See footnote <sup>(2)</sup>

**Explanation of Responses:**

- This sale was effected pursuant to a rule 10b5-1 trading plan adopted by the reporting person on September 1, 2005
- These securities are held by Mark Capital LLC, a limited liability company of which Mr. Levine is the sole member.

/s/ Evan M. Levine

09/14/2005

\*\* Signature of Reporting Person

Date

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

\* If the form is filed by more than one reporting person, see Instruction 4 (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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.