

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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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>Yelmene Michele</u> (Last) (First) (Middle) 6725 MESA RIDGE RD., STE. 100 (Street) SAN DIEGO CA 92121 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 05/28/2008	3. Issuer Name and Ticker or Trading Symbol <u>ADVENTRX PHARMACEUTICALS INC [ANX]</u> 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) VP, Regulatory & Quality	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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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)
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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: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Option (Right to Buy)	(1)	05/23/2017	Common Stock	82,500	2.45	D	
Stock Option (Right to Buy)	(2)	03/31/2018	Common Stock	100,000	0.54	D	

Explanation of Responses:

1. 1/4 of the total shares subject to the option vested and became exercisable on March 5, 2008 and 1/48 of the total shares subject to the option vest and become exercisable at the end of each successive month thereafter.

2. 1/5 of the total shares subject to the option vest and become exercisable on each of January 1, 2009, January 1, 2010, January 1, 2011, January 1, 2012 and January 1, 2013.

/s/ Michele Yelmene

06/05/2008

** 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 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).

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.