

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person* Vazzano Joseph Walter (Last) (First) (Middle) C/O AVENUE THERAPEUTICS, INC., 2 GANSEVOORT STREET, 9TH FLOOR (Street) NEW YORK, NY 10014 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 08/08/2017	3. Issuer Name and Ticker or Trading Symbol AVENUE THERAPEUTICS, INC. [ATXI]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) VP Finance & Corp. Controller	
		5. If Amendment, Date Original Filed(Month/Day/Year)	

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)
Common Stock (Restricted)	30,000 (1)	D	

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) (Instr. 5)	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
Vazzano Joseph Walter C/O AVENUE THERAPEUTICS, INC. 2 GANSEVOORT STREET, 9TH FLOOR NEW YORK, NY 10014			VP Finance & Corp. Controller	

Signatures

/s/ Joseph Vazzano	08/22/2017
<small>*Signature of Reporting Person</small>	<small>Date</small>

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) The 30,000 shares of restricted Common Stock will vest as follows: One-fourth on August 8, 2018, one-fourth on August 8, 2019, one-fourth on August 8, 2020 and one-fourth on August 8, 2021.

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.