

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**OMB APPROVAL**

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

<b>1. Name and Address of Reporting Person*</b> <u>SANTINI GINO</u>  (Last) (First) (Middle) <u>C/O VITAE PHARMACEUTICALS, INC.</u> <u>502 WEST OFFICE CENTER DR.</u>  (Street) <u>FORT WASHINGTON PA 19034</u>  (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b> <u>Vitae Pharmaceuticals, Inc [ VTAE ]</u>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	<b>3. Date of Earliest Transaction (Month/Day/Year)</b> <u>10/25/2016</u>	
	<b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>	

**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			

**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					
Stock Option (Right to Buy)	\$8	10/25/2016		D			17,000 <sup>(1)</sup>	(2)	09/23/2024	Common Stock	17,000	\$13	0	D
Stock Option (Right to Buy)	\$12.43	10/25/2016		D			10,000 <sup>(1)</sup>	(3)	05/27/2025	Common Stock	10,000	\$8.57	0	D
Stock Option (Right to Buy)	\$9.62	10/25/2016		D			10,000 <sup>(1)</sup>	(4)	05/25/2026	Common Stock	10,000	\$11.38	0	D

**Explanation of Responses:**

1. Pursuant to the Agreement and Plan of Merger (the "Merger Agreement"), dated September 13, 2016, by and among the Issuer, Allergan Holdco US, Inc. and Augusta Merger Sub, Inc., each outstanding option to purchase shares of the Issuer's common stock, whether or not exercisable or vested, was cancelled and the holder thereof became entitled to receive an amount in cash determined by multiplying (A) the excess, if any, of \$21.00 over the exercise price per share of the common stock underlying such stock option by (B) the number of shares of common stock subject to such stock option.
2. This option, which provided for vesting in three equal annual installments following on September 24, 2014, was cancelled and the Reporting Person became entitled to receive an amount in cash per the terms of the Merger Agreement, as described in footnote (1) above.
3. This option, which is fully vested, was cancelled and the Reporting Person became entitled to receive an amount in cash per the terms of the Merger Agreement, as described in footnote (1) above.
4. This option, which provided for vesting in four equal quarterly installments following May 26, 2016, was cancelled and the Reporting Person became entitled to receive an amount in cash per the terms of the Merger Agreement, as described in footnote (1) above.

/s/ Gino Santini

10/25/2016

\*\* 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.

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