

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

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

1. Name and Address of Reporting Person * <u>Silva Paul M</u> (Last) (First) (Middle) <u>C/O VERTEX PHARMACEUTICALS INCORPORATED</u> <u>130 WAVERLY ST</u> (Street) <u>CAMBRIDGE MA 02139</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>VERTEX PHARMACEUTICALS INC / MA [VRTX]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP & Corp Controller</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/09/2012</u>	
	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	05/09/2012		M		7,500	A	\$36.27	13,625	D	
Common Stock	05/09/2012		M		7,032	A	\$18.93	20,657	D	
Common Stock	05/09/2012		M		5,156	A	\$33.28	25,813	D	
Common Stock	05/09/2012		M		3,515	A	\$32.16	29,328	D	
Common Stock	05/09/2012		M		1,125	A	\$37.86	30,453	D	
Common Stock	05/09/2012		M		8,437	A	\$39.05	38,890	D	
Common Stock	05/09/2012		M		4,687	A	\$38.8	43,577	D	
Common Stock	05/09/2012		M		3,281	A	\$33.82	46,858	D	
Common Stock	05/09/2012		M		12,187	A	\$33.55	59,045	D	
Common Stock	05/09/2012		M		3,375	A	\$51.75	62,420	D	
Common Stock	05/09/2012		S		55,295	D	\$60.85 ⁽⁴⁾⁽²⁾	7,125	D	
Common Stock	05/09/2012		S		1,000	D	\$61.08 ⁽²⁾⁽³⁾	6,125	D	
Common Stock								1,380	I	401(k)

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
Stock Option	\$36.27	05/09/2012		M			7,500	11/13/2007	08/12/2017	Common Stock	7,500	\$0.00	0	D	
Stock Option	\$18.93	05/09/2012		M			7,032	05/07/2008	02/06/2018	Common Stock	7,032	\$0.00	0	D	
Stock Option	\$33.28	05/09/2012		M			5,156	10/16/2009	07/15/2019	Common Stock	5,156	\$0.00	2,344	D	
Stock Option	\$32.16	05/09/2012		M			3,515	10/24/2008	07/23/2018	Common Stock	3,515	\$0.00	235	D	
Stock Option	\$37.86	05/09/2012		M			1,125	05/02/2012	02/01/2022	Common Stock	1,125	\$0.00	16,875	D	
Stock Option	\$39.05	05/09/2012		M			8,437	05/04/2010	02/03/2020	Common Stock	8,437	\$0.00	6,563	D	

**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	Amount or Number of Shares				
Stock Option	\$38.8	05/09/2012		M			4,687	05/03/2011	02/02/2021	Common Stock	4,687	\$0.00	10,313	D	
Stock Option	\$33.82	05/09/2012		M			3,281	10/14/2010	07/13/2020	Common Stock	3,281	\$0.00	4,219	D	
Stock Option	\$33.55	05/09/2012		M			12,187	05/05/2009	02/04/2019	Common Stock	12,187	\$0.00	2,813	D	
Stock Option	\$51.75	05/09/2012		M			3,375	10/13/2011	07/12/2021	Common Stock	3,375	\$0.00	14,625	D	

Explanation of Responses:

- Open market sales reported on this line occurred at a weighted average price of \$60.85 (range \$60.85 to \$60.95).
- Mr. Silva undertakes to provide (upon request by the SEC staff, the issuer or a security holder of the issuer) full information regarding the number of shares sold at each separate price.
- Open market sales reported on this line occurred at a weighted average price of \$61.08 (range \$61.02 to \$61.09).

Remarks:

David T. Howton, Attorney-In-Fact 05/16/2012

** 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.