FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| STATEMENT | OF CHANGES | IN BENEFICIAL | OWNERSHIP |
|------------------|-------------------|---------------|------------------|

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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* Silva Paul M (Last) (First) (Middle) C/O VERTEX PHARMACEUTICALS INCORPORATED | | | | | Issuer Name and Ticker or Trading Symbol VERTEX PHARMACEUTICALS INC / MA [VRTX] Online of Earliest Transaction (Month/Day/Year) 07/21/2015 | | | | | | | | Directo X Officer below) | or (give title | 10% Othe belo | Owner r (specify v) |
|--|---|---|----------------|------|---|--|---|------------------|----------------------|---|--|---|---|---|---|---|
| 50 NORTON | | ÍA. | 02210 (Zip) | 4. | If Ame | ndment, I | Date (| of Origina | l Filed | d (Month/Da | ay/Year) | 6. Lir | e) X Form f | Joint/Group Filed by One Filed by More | Reporting Pe | rson |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | | ear) i | 2A. Deemo Execution f any (Month/Da | Date, | Code | (Instr | n Disposed | ties Acquire I Of (D) (Ins (A) or (D) | tr. 3, 4 and | Benefici | es F ally (Following (d tion(s) | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| 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 | n Date Execution Date, if any (Month/Day/Year) Execution Date, if any (Month/Day/Year) 8) | | | ransaction of Code (Instr. Derivative | | 6. Date Exercisable and Expiration Date (Month/Day/Year) (Month/Day/Year) 7. Title and A of Securities Underlying Derivative St (Instr. 3 and | | ies g Security | 8. Price of Derivative Security (Instr. 5) | | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership ect (Instr. 4) | | | |
| | | | | Code | v | (A) | (D) | Date Exercisa | | Expiration Date | Title | Amount or Number of Shares | | | | |
| Stock Option | \$131.89 | 07/21/2015 | | A | | 13,750 | | (1) | | 07/20/2025 | Common Stock | 13,750 | \$0.00 | 13,750 | D | |

Explanation of Responses:

1. The option vests in 16 quarterly installments from 07/21/2015.

Remarks:

Omar White, Attorney-In-Fact 07/23/2015

** Signature of Reporting Person

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.