| SEC Form 4 |  |
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### FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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|   | hours per response:      | 0.5 |
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| (Last) (First) (Middle)<br>C/O VERTEX PHARMACEUTICALS<br>INCORPORATED<br>50 NORTHERN AVENUE |         |       | 2. Issuer Name and Ticker or Trading Symbol<br>VERTEX PHARMACEUTICALS INC /<br>MA [ VRTX ] |   | tionship of Reporting Pers<br>all applicable)<br>Director<br>Officer (give title<br>below) | con(s) to Issuer<br>10% Owner<br>Other (specify<br>below) |  |
|---|---------|-------|--|---|--|---|--|
|   |         | (     | 3. Date of Earliest Transaction (Month/Day/Year)<br>02/05/2018                             |   | EVP, CRO   |   |  |
|   |         |       | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                   | 6. Individual or Joint/Group Filing (Check Applicable Line) |  |   |  |
| (Street)  |         |       |  | X   | Form filed by One Reporting Person   |   |  |
| BOSTON  | MA      | 02210 |  |   | Form filed by More than<br>Person  | One Reporting   |  |
| (City)  | (State) | (Zip) |  |   |  |   |  |

#### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code (Instr.<br>8) |   |        |               |                                   | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |
|---------------------------------|--|---|---|---|--------|---------------|-----------------------------------|---|---|---|
|                                 |  |   | Code                                    | v | Amount | (A) or<br>(D) | Price                             | Reported<br>Transaction(s)<br>(Instr. 3 and 4)                |   | (Instr. 4)  |
| Common Stock                    | 02/05/2018                                 |   | М                                       |   | 1,942  | A             | \$86.52                           | 41,105  | D   |   |
| Common Stock                    | 02/05/2018                                 |   | М                                       |   | 2,578  | A             | \$77.31                           | 43,683  | D   |   |
| Common Stock                    | 02/05/2018                                 |   | S <sup>(1)</sup>                        |   | 378    | D             | <b>\$158.55</b> <sup>(2)(3)</sup> | 43,305  | D   |   |
| Common Stock                    | 02/05/2018                                 |   | <b>S</b> <sup>(1)</sup>                 |   | 700    | D             | \$159.93 <sup>(3)(4)</sup>        | 42,605  | D   |   |
| Common Stock                    | 02/05/2018                                 |   | <b>S</b> <sup>(1)</sup>                 |   | 300    | D             | \$160.97 <sup>(3)(5)</sup>        | 42,305  | D   |   |
| Common Stock                    | 02/05/2018                                 |   | <b>S</b> <sup>(1)</sup>                 |   | 300    | D             | \$161.93 <sup>(3)(6)</sup>        | 42,005  | D   |   |
| Common Stock                    | 02/05/2018                                 |   | <b>S</b> <sup>(1)</sup>                 |   | 600    | D             | \$163.79 <sup>(3)(7)</sup>        | 41,405  | D   |   |
| Common Stock                    | 02/05/2018                                 |   | S <sup>(1)</sup>                        |   | 2,242  | D             | \$164.93(3)(8)                    | 39,163  | D   |   |
| Common Stock                    |  |   |   |   |        |               |                                   | 882   | Ι   | 401(k)  |
| Common Stock                    |  |   |   |   |        |               | -                                 | 12,215  | Ι   | Held in<br>Trust                                    |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

|   | (-3),,  |  |   |                              |   |      |       |  |                    |                               |  |   |  |  |  |
|---|---|--|---|------------------------------|---|------|-------|--|--------------------|-------------------------------|--|---|--|--|--|
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   | of I |       | 6. Date Exerc<br>Expiration D<br>(Month/Day/ | ate                | e Amount of<br>ar) Securities |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|   |   |  |   | Code                         | v | (A)  | (D)   | Date<br>Exercisable                          | Expiration<br>Date | Title                         | Amount<br>or<br>Number<br>of<br>Shares |   |  |  |  |
| Stock<br>Option<br>(Right to<br>Buy)                | \$86.52   | 02/05/2018                                 |   | М                            |   |      | 1,942 | (9)  | 02/02/2027         | Common<br>Stock               | 1,942                                  | \$0.00  | 23,299   | D  |  |
| Stock<br>Option<br>(Right to<br>Buy)                | \$77.31   | 02/05/2018                                 |   | М                            |   |      | 2,578 | (10)   | 02/04/2024         | Common<br>Stock               | 2,578                                  | \$0.00  | 0  | D  |  |

Explanation of Responses:

1. Transaction made pursuant to Mr. Sachdev's company-approved trading plan under Rule 10b5-1.

2. Open market sales reported on this line occurred at a weighted average price of \$158.55 (range \$158.24 to \$159.09).

3. Mr. Sachdev 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.

4. Open market sales reported on this line occurred at a weighted average price of \$159.93 (range \$159.46 to \$160.47).

5. Open market sales reported on this line occurred at a weighted average price of \$160.97 (range \$160.51 to \$161.26).

6. Open market sales reported on this line occurred at a weighted average price of \$161.93 (range \$161.70 to \$162.39).

7. Open market sales reported on this line occurred at a weighted average price of \$163.79 (range \$163.23 to \$164.22).

8. Open market sales reported on this line occurred at a weighted average price of \$164.93 (range \$164.31 to \$165.06).

9. The option vests in 16 quarterly installments from 2/3/2017.

#### /s/ Omar White, Attorney-in-

Fact

02/07/2018

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

 $^{\ast}$  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.