Instruction 1(b).

FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Check this box if no longer subject |  |
|-------------------------------------|--|
| to Section 16. Form 4 or Form 5     |  |
| obligations may continue. See       |  |

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

| Name and Address of Reporting Person*     Sanna Bastiano                         |  |         |      |   |                    | 2. Issuer Name and Ticker or Trading Symbol VERTEX PHARMACEUTICALS INC / MA [ VRTX ] |                               |   |   |   |  |       |                        |         | 5. Relationship of Reporting Person(s) to Issu<br>(Check all applicable)  Director  Officer (give title  Other (spe |   |  |  |  | wner  |  |
|--|--|---------|------|---|--------------------|--|-------------------------------|---|---|---|--|-------|------------------------|---------|---|---|--|--|--|---|--|
| (Last) (First) (Middle) C/O VERTEX PHARMACEUTICALS INCORPORATED                  |  |         |      |   |                    | 3. Date of Earliest Transaction (Month/Day/Year) 02/11/2021                          |                               |   |   |   |  |       |                        |         |   | EVP,  | v) ¨<br>Cell & G                       | eneti  | below)<br>ic Therap                      |   |  |
| 50 NORTHERN AVENUE   |  |         |      |   |                    | 4. If Amendment, Date of Original Filed (Month/Day/Year)                             |                               |   |   |   |  |       |                        |         |   | 6. Individual or Joint/Group Filing (Check Applicable |  |  |  |   |  |
| (Street) BOSTON MA 022   |  |         |      | 0                                       |                    |  |                               |   |   |   |  |       |                        |         | Line)<br>X  |   | filed by One<br>filed by Mo            |  | •  |   |  |
| (City)   | (Sta   | ate) (Z | 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/Ye | ar) E              | fany   | emed<br>on Date,<br>Day/Year) |   | 3.<br>Transaction<br>Code (Instr.<br>8) |   | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 an |       |                        |         | Benefic   |   | ties Fo<br>cially (D<br>d Following In |  | Ownership<br>m: Direct<br>or<br>rect (I) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |  |         |      |   |                    |  |                               | С | ode                                     | v | Am   | nount | (A) or<br>(D)          | Price   |   | Transa  | action(s)<br>3 and 4)                  | (Instr. 4)   |  | (msu. 4)  |  |
| Common Stock   |  |         |      | 02/11/202                               | 1                  |  |                               |   | S <sup>(1)</sup>                        |   | 1,469  |       | D                      | \$210.4 | <b>14</b> <sup>(2)(3)</sup>   | 39,081  |  |  | D  |   |  |
| Common Stock   |  |         |      | 02/11/2021                              |                    |  |                               | 9 | S <sup>(1)</sup>                        |   |  | 217   | D                      | \$211.4 | 41 <sup>(3)(4)</sup>  | 38,864  |  |  | D  |   |  |
|  |  | Tal     | ole  | II - Derivati<br>(e.g., pເ              |                    |  |                               |   |   |   |  |       |                        |         |   | Owne  | d                                      |  |  |   |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                              | ve Conversion Date Execution Date, or Exercise (Month/Day/Year) if any |         |      |   | saction<br>(Instr. |  |                               |   | Expiration Date<br>(Month/Day/Year)     |   |  |       | Amount of Securities S |         | Price of privative scurity sets. 5) Beneficial Owned Following Reported Transactio (Instr. 4)                       |   | ,                                      | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4)    |   |  |

## **Explanation of Responses:**

- $1.\ Transaction\ made\ pursuant\ to\ Mr.\ Sanna's\ company\ approved\ trading\ plan\ under\ Rule\ 10b5-1.$
- 2. Open market sales reported on this line occurred at a weighted average price of \$210.44 (range \$210.06 to \$210.90).
- 3. Mr. Sanna 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 \$211.41 (range \$211.17 to \$211.50).

## Remarks:

/s/ Sabrina Yohai, Attorney-in-**Fact** 

02/16/2021

\*\* 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.