FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Vashington, | D.C. | 20549 | |
|-------------|------|-------|--|
| | | | |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | |
| 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 | | 70() 0 | | | | inparty Act o | | | | | | | | |
|--|--|--|---------|-----------------------------------|--|---|--------------|---|--|-------|---|-----------------------------|---|--|--|--|--|--|------------|
| | nd Address of Bastiano | Reporting Person* | | | <u>VE</u> | RTE | X PI | HAR | | | Symbol TICALS | INC | | | all app Direc | licable) tor | ng Pe | rson(s) to Is | vner |
| (Last) | /E:- | ret) (M | Middle) | | MA [VRTX] | | | | | | | | | X | Office below | er (give title /) | | Other (s | specify |
| (Last) (First) (Middle) C/O VERTEX PHARMACEUTICALS INCORPORATED | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 02/17/2023 | | | | | | | | EVP, Cell & Genetic Therapies | | | | | |
| 50 NORTHERN AVENUE | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | |
| (Street) BOSTO | N M. | A 0 | 2210 | | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting | | | | | |
| (City) | (St | ate) (Ž | Zip) | | | Person | | | | | | | | | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day | | | | | Execution Date, | | ate, | 3. 4. Securities Acquired (A Transaction Disposed Of (D) (Instr. 3, 8) 5) | | | red (A) o str. 3, 4 a | 4 and Secur Bene Owne | | rities Fe ricially (I d Following (I) | | m: Direct or Indirect nstr. 4) | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | | Code | v | Amount | (A) o (D) | r Price | | Reported Transaction(s) (Instr. 3 and 4) | | | | (Instr. 4) |
| Common Stock 02/17/2 | | | | | 2023 | | F | | 3,750 | D | \$29 | 2.85 55,984 | | 5,984 | | 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) | if any | emed tion Date, n/Day/Year) | 4. Transa Code (8) | | 5. Number of | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Inst 3 and 4) | | 8. Price Derivativ Security (Instr. 5) | | tive derivative ty Securities | Owr Fori Dire or Ir (I) (I | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exerci | sable | Expiration Date | Title | Amount or Number of Shares | | | | | | |

Explanation of Responses:

Remarks:

/s/ Christiana Stevenson, Attorney-in-Fact

02/22/2023

** 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.