FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL							
OMB Number: 3235-0287							
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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 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer 1. Name and Address of Reporting Person' (Check all applicable) VERTEX PHARMACEUTICALS INC / Sanna Bastiano Director 10% Owner MA [VRTX] Officer (give title Other (specify below) below) (Middle) (Last) (First) EVP, Cell & Genetic Therapies 3. Date of Earliest Transaction (Month/Dav/Year) C/O VERTEX PHARMACEUTICALS 11/01/2022 **INCORPORATED** 50 NORTHERN AVENUE 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable (Street) Form filed by One Reporting Person **BOSTON** 02210 MA Form filed by More than One Reporting (City) (State) (Zip)

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. Transa Code (8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)	(11150.4)	(11150.4)	
Common Stock	11/01/2022		F		768	D	\$312.84	38,424	D		
Common Stock	11/02/2022		S ⁽¹⁾		56	D	\$310.1(2)(3)	38,368	D		
Common Stock	11/02/2022		S ⁽¹⁾		39	D	\$311.17(2)(4)	38,329	D		
Common Stock	11/02/2022		S ⁽¹⁾		100	D	\$312.4 ⁽²⁾⁽⁵⁾	38,229	D		
Common Stock	11/02/2022		S ⁽¹⁾		81	D	\$313.37(2)(6)	38,148	D		
Common Stock	11/02/2022		S ⁽¹⁾		12	D	\$314.43(2)(7)	38,136	D		
Common Stock	11/02/2022		S ⁽¹⁾		10	D	\$315.68	38,126	D		
Common Stock	11/02/2022		S ⁽¹⁾		22	D	\$317.77(2)(8)	38,104	D		

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 3A. Deemed Execution Date 5. Number 1. Title of Derivative 3. Transaction Date 6. Date Exercisable and Expiration Date 7. Title and Amount of 8. Price of Derivative 9. Number of derivative 11. Nature of Indirect (Month/Dav/Year) Derivative Security or Exercise if anv Code (Instr. (Month/Dav/Year) Securities Security Securities Form: Beneficial (Month/Day/Year) 8) Securities Underlying (Instr. 5) Beneficially Direct (D) Ownership Derivative Acquired Derivative Owned or Indirect (I) (Instr. 4) (Instr. 4) (A) or Disposed Security (Instr. 3 and 4) Security Following Reported Transaction(s) of (D) (Instr. 3, 4 (Instr. 4) and 5) Amount Numbe Expiration (A) (D) Title Code Exercisable **Shares** Date

Explanation of Responses:

- 1. Transaction made pursuant to Dr. Sanna's company approved trading plan under Rule 10b5-1.
- 2. Dr. 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.
- 3. Open market sales reported on this line occurred at a weighted average price of \$310.10 (range \$309.50 to \$310.48).
- 4. Open market sales reported on this line occurred at a weighted average price of \$311.17 (range \$310.51 to \$311.45).
- 5. Open market sales reported on this line occurred at a weighted average price of \$312.40 (range \$311.98 to \$312.90).
- 6. Open market sales reported on this line occurred at a weighted average price of \$313.37 (range \$312.98 to \$313.97).
- 7. Open market sales reported on this line occurred at a weighted average price of \$314.43 (range \$314.42 to \$314.48).
- 8. Open market sales reported on this line occurred at a weighted average price of \$317.77 (range \$317.56 to \$317.82).

Remarks:

/s/ Christiana Stevenson, Attorney-in-Fact

11/03/2022

** 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.