Instruction 1(b).

### FORM 4

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

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

OMB APPROVAL

I

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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 Addi Sanna Basti	1 0	Person*	2. Issuer Name and Ticker or Trading Symbol VERTEX PHARMACEUTICALS INC / MA [ VRTX ]		ationship of Reporting P < all applicable) Director Officer (give title	Person(s) to Issuer 10% Owner Other (specify				
C/O VERTEX PHARMACEUTICALS		( <i>'</i>	3. Date of Earliest Transaction (Month/Day/Year) 05/02/2023		below) EVP, Cell & Gene	below) tic Therapies				
			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting					
BOSTON	MA	02210			Person					
			_ Rule 10b5-1(c) Transaction Indication							
(City) (State) (Zip)			X Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.							

#### 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)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) ode (Instr.		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)	(1150. 4)	(1150.4)
Common Stock	05/02/2023		<b>S</b> <sup>(1)</sup>		1,411	D	\$350.32 <sup>(2)(3)</sup>	38,302	D	
Common Stock	05/02/2023		<b>S</b> <sup>(1)</sup>		42	D	\$351.65 <sup>(2)(4)</sup>	38,260	D	
Common Stock	05/02/2023		<b>S</b> <sup>(1)</sup>		169	D	\$353.24 <sup>(2)(5)</sup>	38,091	D	
Common Stock	05/03/2023		<b>S</b> <sup>(1)</sup>		2,053	D	\$350.44 <sup>(2)(6)</sup>	36,038	D	
Common Stock	05/03/2023		<b>S</b> <sup>(1)</sup>		728	D	\$351.6 <sup>(2)(7)</sup>	35,310	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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code ( 8)		of Deriv	r osed ) :. 3, 4	Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. Transaction made pursuant to Mr. Sanna's company approved trading plan under Rule 10b5-1, which was entered into on 08/10/2022.

2. 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.

3. Open market sales reported on this line occurred at a weighted average price of \$350.32 (range \$350.00 to \$350.92).

4. Open market sales reported on this line occurred at a weighted average price of \$351.65 (range \$351.48 to \$351.80).

5. Open market sales reported on this line occurred at a weighted average price of \$353.24 (range \$353.21 to \$353.49).

6. Open market sales reported on this line occurred at a weighted average price of \$350.44 (range \$350.00 to \$350.94).

7. Open market sales reported on this line occurred at a weighted average price of \$351.60 (range \$351.01 to \$352.00).

Remarks:

#### /s/ Christiana Stevenson, Attorney-in-Fact

05/04/2023

\*\* 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.