

| OMB APPROVAL                                 |           |
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| 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).

**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

|  |  |  |
|--|--|--|
| 1. Name and Address of Reporting Person*<br><u>ALTSHULER DAVID</u><br><br>(Last) (First) (Middle)<br>C/O VERTEX PHARMACEUTICALS<br>INCORPORATED<br>50 NORTHERN AVENUE<br><br>(Street)<br>BOSTON MA 02210<br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>VERTEX PHARMACEUTICALS INC / MA [ VRTX ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>EVP, Global Research and CSO</u> |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>08/19/2019</u>                          |  |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)   |  |  |

**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. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |          | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 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    |   |  |   |
| Common Stock                    | 08/19/2019                           |  | M                              |   | 4,250   | A          | \$131.89 | 35,803  | D  |   |
| Common Stock                    | 08/19/2019                           |  | S <sup>(1)</sup>               |   | 4,250   | D          | \$186.37 | 31,553  | D  |   |
| Common Stock                    | 08/19/2019                           |  | M                              |   | 3,592   | A          | \$91.05  | 35,145  | D  |   |
| Common Stock                    | 08/19/2019                           |  | S <sup>(1)</sup>               |   | 1,796   | D          | \$186.37 | 33,349  | D  |   |
| Common Stock                    | 08/19/2019                           |  | S <sup>(1)</sup>               |   | 1,796   | D          | \$186.41 | 31,553  | D  |   |
| Common Stock                    | 08/19/2019                           |  | M                              |   | 4,659   | A          | \$86.52  | 36,212  | D  |   |
| Common Stock                    | 08/19/2019                           |  | S <sup>(1)</sup>               |   | 2,329   | D          | \$186.41 | 33,883  | D  |   |
| Common Stock                    | 08/19/2019                           |  | S <sup>(1)</sup>               |   | 2,330   | D          | \$186.37 | 31,553  | 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. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 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 |
| Stock Option (right to buy)                | \$131.89   | 08/19/2019                           |  | M                              |   | 4,250  |     | (2)  | 07/20/2025      | Common Stock  | 4,250                                      | \$0.00   | 0   | D  |       |
| Stock Option (right to buy)                | \$91.05  | 08/19/2019                           |  | M                              |   | 3,592  |     | (3)  | 02/01/2026      | Common Stock  | 3,592                                      | \$0.00   | 3,592   | D  |       |
| Common Stock (right to buy)                | \$86.52  | 08/19/2019                           |  | M                              |   | 4,659  |     | (4)  | 02/02/2027      | Common Stock  | 4,659                                      | \$0.00   | 13,980  | D  |       |

**Explanation of Responses:**

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

2. Fully vested.

3. The option vests in 16 quarterly installments from 02/02/2016.

4. The option vests in 16 quarterly installments from 02/03/2017.

**Remarks:**

/s/ Omar White, Attorney-in-  
Fact 08/20/2019

\*\* 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.**

POWER OF ATTORNEY

The undersigned hereby constitutes and appoints each of Michael Parini, Sabrina Yohai, Omar White, and Julie Fogarty of Vertex Pharmaceuticals Incorporated (the "Company"), signing singly, with full power of substitution, the undersigned's true and lawful attorney-in-fact to:

1. execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director and/or 10% shareholder of the Company, forms and authentication documents for EDGAR Filing Access;
2. do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such forms and authentication documents;
3. execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director and/or 10% shareholder of the Company, Forms 3, 4 and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder;
4. do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5 and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
5. take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interests of, or legally required by the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934, as amended.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of or transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

This Power of Attorney is intended to constitute a "confirming statement" for presentation to the Securities and Exchange Commission as contemplated by Instruction 7(a) of Forms 3, 4 and 5.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed this 20th day of June, 2019.

/s/ David Altshuler

Signature

David Altshuler  
Print Name