FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

OMB APPROVAL 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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 Instruction 1(b) 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) CRISPR Therapeutics AG [CRSP] Bolzon Bradley J PhD X Director 10% Owner Officer (give title Other (specify 3. Date of Earliest Transaction (Month/Day/Year) (Middle) below) below) (Last) (First) 12/10/2020 C/O CRISPR THERAPEUTICS, INC. 610 MAIN STREET 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) (Street) Form filed by One Reporting Person 02139 CAMBRIDGE MA Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date (Month/Day/Year) 2A. Deemed Execution Date, 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 6. Ownership Form: Direct 1. Title of Security (Instr. 3) 5. Amount of 7. Nature of Securities Beneficially Indirect Beneficial Transaction (D) or if any Code (Instr. (Month/Day/Year) 8) Ìndirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported Transaction(s) (Instr. 3 and 4) (A) or (D) ν Price Code Amount See $S^{(1)}$ 2,271(2) \$140.6188(3) Common Shares 12/10/2020 D 344,915 Ī Footnote(4) See $S^{(1)}$ 6,648(2) \$141.5348(5) Common Shares 12/10/2020 D 338,267 I Footnote⁽⁴⁾ See 332,309 $S^{(1)}$ 5,958(2) \$142.424(6) Common Shares 12/10/2020 D T Footnote(4) See $S^{(1)}$ 2.223(2) \$143.2579(7) 12/10/2020 330,086 Common Shares D Footnote⁽⁴⁾ See **S**⁽¹⁾ 15.900⁽²⁾ \$144.8525(8) Common Shares 12/10/2020 D 314,186 T Footnote⁽⁴⁾ See Common Shares 1,336,088 T Footnote⁽⁹⁾ See Common Shares 7,922 Ī Footnote(10) See Common Shares 1,192,139 Footnote(11) See Common Shares 34.977 Ī Footnote⁽¹²⁾ See Common Shares 38,772 Ī Footnote(13) See Common Shares 90,730 Footnote(14) Common Shares 40,648 D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative 3A. Deemed Execution Date, 6. Date Exercisable and Expiration Date 7. Title and Amount of 8. Price of Derivative 9. Number of derivative 3. Transaction 5. Number 11. Nature 10 Conversion Transaction Ownership of Indirect (Month/Day/Year) Derivative Security or Exercise if any (Month/Day/Year) Code (Instr. (Month/Day/Year) Securities Security Securities Form: Beneficial Securities Acquired Ownership (Instr. 3) Underlying (Instr. 5) Beneficially Direct (D) (Instr. 4) Derivative Derivative Owned or Indirect (A) or Disposed Security (Instr. 3 and 4) Following Reported (I) (Instr. 4) Security of (D) Transaction(s) (Instr. 3, 4 and 5) (Instr. 4)

Explanation of Responses:

- 1. The sale of these shares was effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person.
- 2. These securities are held of record by Versant Venture Management, LLC ("VVM LLC"), for the benefit of the Reporting Person, pursuant to an agreement between VVM LLC and the Reporting

٧ Code

(A) (D)

3. The price reported in Column 4 is a weighted average price. These securities were sold in multiple transactions at prices ranging from \$140.20 to \$140.91, inclusive. The Reporting Person undertakes to

Exercisable

Amount Number

Shares

Expiration

Date

Title

provide to the Issuer, any security holder of the Issuer or the staff of the Securities Exchange Commission, upon request, full information regarding the number of securities sold at each separate price within the ranges set forth in this footnote (3) to this Form 4.

- 4. These securities are held of record by VVM LLC. The Reporting Person is a managing member of VVM LLC and the Reporting Person may be deemed to indirectly beneficially own the securities through his interest in VVM LLC. The Reporting Person disclaims beneficial ownership of these securities, except to the extent of his pecuniary interest therein, if any.
- 5. The price reported in Column 4 is a weighted average price. These securities were sold in multiple transactions at prices ranging from \$141.10 to \$141.98, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities Exchange Commission, upon request, full information regarding the number of securities sold at each separate price within the ranges set forth in this footnote (5) to this Form 4.
- 6. The price reported in Column 4 is a weighted average price. These securities were sold in multiple transactions at prices ranging from \$142.00 to \$142.94, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities Exchange Commission, upon request, full information regarding the number of securities sold at each separate price within the ranges set forth in this footnote (6) to this Form 4.
- 7. The price reported in Column 4 is a weighted average price. These securities were sold in multiple transactions at prices ranging from \$143.00 to \$143.64, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities Exchange Commission, upon request, full information regarding the number of securities sold at each separate price within the ranges set forth in this footnote (7) to this Form 4.
- 8. The price reported in Column 4 is a weighted average price. These securities were sold in multiple transactions at prices ranging from \$144.04 to \$144.99, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities Exchange Commission, upon request, full information regarding the number of securities sold at each separate price within the ranges set forth in this footnote (8) to this Form 4.
- 9. These securities are held of record by Versant Venture Capital IV, L.P. ("VVC IV"). Versant Ventures IV, LLC ("VV IV") is the sole general partner of VVC IV and may be deemed to have voting and investment power over the securities held by VVC IV and as a result may be deemed to have beneficial ownership over such securities. The Reporting Person is a managing director of VV IV and may be deemed to indirectly beneficially own the securities through his interest in VV IV. The Reporting Person disclaims beneficial ownership of such securities, except to the extent of his pecuniary interest therein, if any,
- 10. These securities are held of record by Versant Side Fund IV, L.P. ("VSF IV"). VV IV is the sole general partner of VSF IV and may be deemed to have voting and investment power over the securities held by VSF IV and as a result may be deemed to have beneficial ownership over such securities. The Reporting Person is a managing director of VV IV and may be deemed to indirectly beneficially own the securities through his interest in VV IV. The Reporting Person disclaims beneficial ownership of such securities, except to the extent of his pecuniary interest therein, if any.
- 11. These securities are held of record by Versant Venture Capital V, L.P. ("VVC V"). Versant Ventures V, LLC ("VV V") is the sole general partner of VVC V and may be deemed to have voting and investment power over the securities held by VVC V and as a result may be deemed to have beneficial ownership over such securities. The Reporting Person is a managing director of VV V and may be deemed to indirectly beneficially own the securities through his interest in VV V. The Reporting Person disclaims beneficial ownership of such securities, except to the extent of his pecuniary interest therein, if any.
- 12. These securities are held of record by Versant Affiliates Fund V, L.P. ("VAF V"). VV V is the sole general partner of VAF V and may be deemed to have voting and investment power over the securities held by VAF V and as a result may be deemed to have beneficial ownership over such securities. The Reporting Person is a managing director of VV V and may be deemed to indirectly beneficially own the securities through his interest in VV V. The Reporting Person disclaims beneficial ownership of such securities, except to the extent of his pecuniary interest therein, if any.
- 13. These securities are held of record by Versant Ophthalmic Affiliates Fund I, L.P. ("VOA"). VV V is the sole general partner of VOA and may be deemed to have voting and investment power over the securities held by VOA and as a result may be deemed to have beneficial ownership over such securities. The Reporting Person is a managing director of VV V and may be deemed to indirectly beneficially own the securities through his interest in VV V. The Reporting Person disclaims beneficial ownership of such securities, except to the extent of his pecuniary interest therein, if any.
- 14. These securities are held of record by Versant Venture Capital V (Canada) L.P. ("VVC CAN"). Versant Ventures V GP-GP (Canada), Inc. ("VV V CAN GP") is the sole general partner of Versant Ventures V (Canada), L.P. ("VV V CAN") and VV V CAN is the sole general partner of VVC CAN. VV V CAN GP and VV V CAN may be deemed to have voting and investment power over the securities held by VVC CAN and as a result may be deemed to have beneficial ownership over such securities. The Reporting Person is a director of VV V CAN GP and may be deemed to indirectly beneficially own the securities through his interest in VV V CAN GP. The Reporting Person disclaims beneficial ownership of these securities, except to the extent of his pecuniary interest therein, if any.

Remarks:

/s/ Robin L. Praeger, attorneyin-fact for Bradley Bolzon

12/14/2020

** 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.