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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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person* <u>Bolzon Bradley J PhD</u> (Last) (First) (Middle) C/O CRISPR THERAPEUTICS, INC. 610 MAIN STREET (Street) CAMBRIDGE MA 02139 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CRISPR Therapeutics AG [CRSP]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 09/01/2020	
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 Shares	09/01/2020		M		30,000	A	\$14	30,000	I	See Footnote ⁽¹⁾
Common Shares	09/01/2020		M		15,000	A	\$13.62	45,000	I	See Footnote ⁽¹⁾
Common Shares	09/01/2020		M		15,000	A	\$59.31	60,000	I	See Footnote ⁽¹⁾
Common Shares	09/01/2020		S		4,300	D	\$91.2738 ⁽²⁾	55,700	I	See Footnote ⁽¹⁾
Common Shares	09/01/2020		S		36,365	D	\$92.401 ⁽³⁾	19,335	I	See Footnote ⁽¹⁾
Common Shares	09/01/2020		S		19,135	D	\$92.9844 ⁽⁴⁾	200	I	See Footnote ⁽¹⁾
Common Shares	09/01/2020		S		200	D	\$93.74	0	I	See Footnote ⁽¹⁾
Common Shares								554,190	I	See Footnote ⁽⁵⁾
Common Shares								1,192,139	I	See Footnote ⁽⁶⁾
Common Shares								34,977	I	See Footnote ⁽⁷⁾
Common Shares								38,772	I	See Footnote ⁽⁸⁾
Common Shares								90,730	I	See Footnote ⁽⁹⁾
Common Shares								2,238,979	I	See Footnote ⁽¹⁰⁾
Common Shares								13,277	I	See Footnote ⁽¹¹⁾

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					
Stock Option (Right to Buy)	\$14	09/01/2020		M		30,000 ⁽¹²⁾		(13)	10/18/2026	Common Shares 30,000	\$0.00	30,000 ⁽¹⁴⁾	I	See Footnotes ⁽¹²⁾⁽¹⁴⁾
Stock Option (Right to Buy)	\$13.62	09/01/2020		M		15,000 ⁽¹²⁾		(15)	05/31/2027	Common Shares 15,000	\$0.00	15,000 ⁽¹⁴⁾	I	See Footnotes ⁽¹²⁾⁽¹⁴⁾

**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	Amount or Number of Shares				
Stock Option (Right to Buy)	\$59.31	09/01/2020		M			15,000 ⁽¹²⁾	(16)	06/15/2028	Common Shares	15,000	\$0.00	15,000 ⁽¹⁴⁾	I	See Footnotes ⁽¹²⁾⁽¹⁴⁾

Explanation of Responses:

- These securities are held of record by Thomas Woiwode ("Mr. Woiwode"). Each of the Reporting Person and Mr. Woiwode are managing members of Versant Venture Management, LLC ("VVM LLC"). Pursuant to agreements with VVM LLC, Mr. Woiwode is deemed to hold these securities for the benefit of VVM LLC. Accordingly, VVM LLC may be deemed to be the indirect beneficial owner of these securities, 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.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$90.73 to \$91.72, 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 shares sold at each separate price within the ranges set forth in this footnote (2) to this Form 4.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$91.73 to \$92.725, 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 shares sold at each separate price within the ranges set forth in this footnote (3) to this Form 4.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$92.73 to \$93.69, 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 shares sold at each separate price within the ranges set forth in this footnote (4) to this Form 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.
- 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.
- 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.
- 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.
- These securities are held of record by Versant Venture Capital V (Canada) LP ("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.
- 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.
- 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.
- These options are held of record by Mr. Woiwode. Each of the Reporting Person and Mr. Woiwode are managing members of VVM LLC. Pursuant to agreements with VVM LLC, Mr. Woiwode is deemed to hold these securities for the benefit of VVM LLC. Accordingly, VVM LLC may be deemed to be the indirect beneficial owner of these securities, 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.
- This option was granted on October 18, 2016 with 100% of the shares vesting in 36 equal monthly installments beginning October 31, 2016.
- These options are held of record by the Reporting Person. The Reporting Person is a managing member of VVM LLC. Pursuant to agreements with VVM LLC, the Reporting Person is deemed to hold these securities for the benefit of VVM LLC. Accordingly, VVM LLC may be deemed to be the indirect beneficial owner of these securities, 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.
- This option was granted on May 31, 2017 with 100% of the shares vesting in 12 equal monthly installments beginning June 30, 2017.
- This option was granted on June 15, 2018 with 100% of the shares vesting in 12 equal monthly installments beginning on May 30, 2018.

Remarks:

The stock option exercises reported in Table II of this Form 4 represent stock options held directly by Mr. Woiwode (the "Woiwode Exercises"). The remaining stock options owned and reported in Table II of this Form 4 following the Woiwode Exercises are all held directly by the Reporting Person.

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

09/03/2020

** 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.