

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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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 Address of Reporting Person* <u>Bolzon Bradley J PhD</u> (Last) (First) (Middle) <u>C/O CRISPR THERAPEUTICS, INC.</u> <u>200 SIDNEY STREET</u> (Street) <u>CAMBRIDGE MA 02139</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>10/18/2016</u>	3. Issuer Name and Ticker or Trading Symbol <u>CRISPR Therapeutics AG [CRSP]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Shares	342,007	D	
Common Shares	239,648	I	See footnote ⁽²⁾

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series A-1 Preferred Shares	(1)	(1)	Common Shares	437,247	(1)	I	See footnote ⁽²⁾
Series A-1 Preferred Shares	(1)	(1)	Common Shares	2,754	(1)	I	See footnote ⁽³⁾
Series A-2 Preferred Shares	(1)	(1)	Common Shares	3,100,477	(1)	I	See footnote ⁽²⁾
Series A-2 Preferred Shares	(1)	(1)	Common Shares	19,524	(1)	I	See footnote ⁽³⁾
Series A-3 Preferred Shares	(1)	(1)	Common Shares	2,210,417	(1)	I	See footnote ⁽⁴⁾
Series A-3 Preferred Shares	(1)	(1)	Common Shares	66,490	(1)	I	See footnote ⁽⁵⁾
Series A-3 Preferred Shares	(1)	(1)	Common Shares	168,224	(1)	I	See footnote ⁽⁶⁾
Series A-3 Preferred Shares	(1)	(1)	Common Shares	73,704	(1)	I	See footnote ⁽⁷⁾
Series B Preferred Shares	(1)	(1)	Common Shares	231,077	(1)	I	See footnote ⁽²⁾
Series B Preferred Shares	(1)	(1)	Common Shares	1,454	(1)	I	See footnote ⁽³⁾
Series B Preferred Shares	(1)	(1)	Common Shares	173,167	(1)	I	See footnote ⁽⁴⁾
Series B Preferred Shares	(1)	(1)	Common Shares	5,210	(1)	I	See footnote ⁽⁵⁾
Series B Preferred Shares	(1)	(1)	Common Shares	13,180	(1)	I	See footnote ⁽⁶⁾
Series B Preferred Shares	(1)	(1)	Common Shares	5,774	(1)	I	See footnote ⁽⁷⁾

Explanation of Responses:

- These securities are convertible on a one-for-one basis at any time into the Issuer's Common Shares at the holder's election and automatically upon the closing of the Issuer's initial public offering into the number of Common Shares shown in column 3 above. These securities do not have an expiration date.
- 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 disclaims beneficial ownership of such shares, 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 disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, if any.
- 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 disclaims beneficial ownership of such shares, 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 disclaims beneficial ownership of such shares, 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 (Canada) GP-GP, 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. By virtue of such relationships, 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 disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, if any.

7. 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 disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, if any.

Remarks:

/s/ Bradley Bolzon

10/18/2016

** 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 5 (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.