

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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Estimated average burden
hours per response: 0.5Filed 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>Kulkarni Samarth</u> (Last) (First) (Middle) <u>C/O CRISPR THERAPEUTICS, INC.</u> <u>200 SIDNEY ST.</u> (Street) <u>CAMBRIDGE MA</u> <u>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) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Business Officer</u>	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)
<u>Common Shares</u>	<u>134,047</u>	<u>D</u>	

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				
<u>Stock Options (Right to Buy)</u>	<u>(1)</u>	<u>09/10/2025</u>	<u>Common Shares</u>	<u>321,712</u>	<u>1.81</u>	<u>D</u>
<u>Stock Options (Right to Buy)</u>	<u>(2)</u>	<u>07/15/2026</u>	<u>Common Shares</u>	<u>93,333</u>	<u>12.57</u>	<u>D</u>

Explanation of Responses:

- This option was granted on September 10, 2015 with respect to 321,712 Common Shares with 120,640 of the shares vested on August 1, 2016, the first anniversary of employment commencement, and the remainder vest in equal 36 monthly installments thereafter.
- This option was granted on July 15, 2016 with respect to 93,333 Common Shares with 100% of the shares vesting in 48 equal monthly installments beginning October 31, 2016.

Remarks:

/s/ Samarth Kulkarni10/18/2016

** 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.

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