Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

S IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person* Ho Tony W						2. Issuer Name and Ticker or Trading Symbol CRISPR Therapeutics AG [CRSP]									k all applic	able) r	g Pers	10% Ow	ner
(Last) (First) (Middle) C/O CRISPR THERAPEUTICS, INC. 610 MAIN ST.						3. Date of Earliest Transaction (Month/Day/Year) 03/07/2018									X Officer (give title below) Other (specify below) See Remarks				
(Street) CAMBRIDGE MA 02139 (City) (State) (Zip)					4.1	4. If Amendment, Date of Original Filed (Month/Day/Year)								Line)	Individual or Joint/Group Filing (Check Applicable le) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transa Date (Month/D					ear)	Execution if any	A. Deemed xecution Date, any Month/Day/Year)		Transaction Disposed		ties Acquir I Of (D) (Ins			5. Amour Securitie Beneficia Owned F	s illy ollowing	Form: Direct		7. Nature of Indirect Beneficial Ownership	
								Code V		Amount	nt (A) or (D)		ice	Reported Transact (Instr. 3 a	ion(s)		1	Instr. 4)	
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. Deemee Execution I if any (Month/Day	Date,	4. Transa Code (l 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisal Expiration Date (Month/Day/Year)			of Securities		1	3. Price of Derivative Security Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	ve ies ially ng ed ction(s)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exercisable		xpiration ate	Title	Amo or Num of Shar	ber					
Stock Option (Right to Buy)	\$51.49	03/07/2018			A		53,000		(1)	0	3/07/2028	Common Shares	53,0	000	\$0.00	53,000)	D	

Explanation of Responses:

1. This option was granted on March 7, 2018 and shall vest in 48 equal monthly installments.

Remarks:

Executive Vice President, Head of Research & Development

/s/ Michael Esposito, attorneyin-fact

03/09/2018

** 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.