
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

SCHEDULE 13D

**Under the Securities Exchange Act of 1934
(Amendment No. 2)***

CRISPR Therapeutics AG

(Name of Issuer)

**Common Shares, CHF 0.03 nominal value per share
(Title of Class of Securities)**

**H17182 108
(CUSIP Number)**

**Matthew R. Gemello, Esq.
William L. Hughes, Esq.
Orrick, Herrington & Sutcliffe LLP
405 Howard Street
San Francisco, CA 94105
(415) 773-5700**

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

January 17, 2020

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f), or 240.13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of this Schedule, including all exhibits. See Rule 240.13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1	NAMES OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Bayer Global Investments B.V.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) N/A	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION The Netherlands	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 3,687,612
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 3,687,612
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,687,612	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 6.1%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO	

1	NAMES OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Bayer AG	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) N/A	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Germany	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 3,687,612
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 3,687,612
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,687,612	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 6.1%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO	

SCHEDULE 13D/A

Introduction

This Amendment No. 2 (this "Amendment No. 2") relates to the Schedule 13D originally filed with the Securities and Exchange Commission on October 28, 2016 (as amended and supplemented, the "Schedule 13D") by Bayer Global Investments B.V. (the "Company") and Bayer AG, the 100% owner, through subsidiaries, of the Company (the "Owner" and together with the Company, the "Reporting Persons"). This Amendment No. 2 relates to the sale by the Reporting Persons of 632,105 shares of common stock, having a nominal value of CHF 0.03 per share (the "Common Stock"), of CRISPR Therapeutics AG (the "Issuer") which resulted in a decrease in the Reporting Persons' beneficial ownership to 6.1% as of January 17, 2020. Capitalized terms not otherwise defined in this Amendment No. 2 shall have the same meaning assigned to them in the Schedule 13D.

Item 4. Purpose of Transaction.

Item 4 of the Schedule 13D is hereby amended by adding the following to the end thereof:

From January 9, 2020 to January 17, 2020, the Reporting Persons sold an aggregate of 632,105 shares of Common Stock of the Issuer in a series of open market transactions at various prices. Information regarding the sales is set forth in Item 5(c). The Reporting Persons may engage in additional sales of the Issuer's Common Stock as described in the second paragraph of this Item 4.

Item 5. Interest in Securities of the Issuer.

Paragraph (a) of Item 5 of the Schedule 13D is hereby amended by adding the following to the end thereof:

From January 9, 2020 to January 17, 2020, the Reporting Persons sold an aggregate of 632,105 shares of Common Stock of the Issuer in a series of open market transactions. As of January 17, 2020, the Reporting Persons beneficially owned an aggregate of 3,687,612 shares of the Issuer's Common Stock, or approximately 6.1% of the Issuer's Common Stock outstanding.

Paragraph (b) of Item 5 of the Schedule 13D is hereby amended by adding the following to the end thereof:

As of January 17, 2020, the Reporting Persons shared voting and investment power over 3,687,612 shares of Common Stock of the Issuer.

Paragraph (c) of Item 5 of the Schedule 13D is hereby amended by adding the following to the end thereof:

From January 9, 2020 to January 17, 2020, the Reporting Persons sold an aggregate of 632,105 shares of Common Stock of the Issuer in a series of open market transactions at various prices as follows:

<u>Trade Date</u>	<u>Shares Sold</u>	<u>Weighted Average Price Per Share (\$)</u>
2020-01-09	77,413	62.24
2020-01-10	102,500	61.17
2020-01-13	88,461	58.94
2020-01-14	120,087	59.35
2020-01-15	70,200	60.11
2020-01-16	84,400	59.42
2020-01-17	89,044	58.87

Signature. After reasonable inquiry and to the best of my knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Signatures

<u>/s/ Patrick Lennaerts on behalf of Bayer Global Investments B.V.</u> ** Signature of Reporting Person	<u>01/24/2020</u> Date
<u>/s/ Martina Völkel on behalf of Bayer AG</u> ** Signature of Reporting Person	<u>01/24/2020</u> Date
<u>/s/ Martin Eisenhauer on behalf of Bayer AG</u> ** Signature of Reporting Person	<u>01/24/2020</u> Date
