
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

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

SOPHIA GENETICS SA
(Name of Issuer)

Ordinary Shares, CHF 0.05 per share
(Title of Class of Securities)

H82027105
(CUSIP Number)

December 31, 2023
(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☐ Rule 13d-1(b)
- ☐ Rule 13d-1(c)
- ☒ Rule 13d-1(d)

* 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 in 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	
	Balderton Capital VI, S.L.P.	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Luxembourg	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER
		0
	6.	SHARED VOTING POWER
		3,361,880 (1)
	7.	SOLE DISPOSITIVE POWER
		0
	8.	SHARED DISPOSITIVE POWER
		3,361,880 (1)
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	3,361,880 (1)	
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions)	
	<input type="checkbox"/>	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	5.1% (2)	
12.	TYPE OF REPORTING PERSON (see instructions)	
	PN	

- (1) All such shares are held of record by BCVI (as defined in Item 2(a) of the Original Schedule 13G (as defined in the Explanatory Note below)). BCVI Sarl (as defined in Item 2(a) of the Original Schedule 13G) is the managing general partner of BCVI and may be deemed to have voting, investment and dispositive power with respect to these securities. The Managers (as defined in Item 4 of the Original Schedule 13G) are the managers of BCVI Sarl and may each be deemed to share voting, investment and dispositive power with respect to these securities.
- (2) This calculation is based upon 65,302,753 of the Issuer's Ordinary Shares outstanding as of December 31, 2023, as reported by the Issuer to the Reporting Persons.

1.	NAMES OF REPORTING PERSONS	
	Balderton Capital General Partner VI, S.á.r.l.	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Luxembourg	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER
		0
	6.	SHARED VOTING POWER
		3,361,880 (1)
	7.	SOLE DISPOSITIVE POWER
		0
	8.	SHARED DISPOSITIVE POWER
		3,361,880 (1)
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	3,361,880 (1)	
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions)	
	<input type="checkbox"/>	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	5.1% (2)	
12.	TYPE OF REPORTING PERSON (see instructions)	
	FI	

- (1) All such shares are held of record by BCVI. BCVI Sarl is the managing general partner of BCVI and may be deemed to have voting, investment and dispositive power with respect to these securities. The Managers are the managers of BCVI Sarl and may each be deemed to share voting, investment and dispositive power with respect to these securities.
- (2) This calculation is based upon 65,302,753 of the Issuer's Ordinary Shares outstanding as of December 31, 2023, as reported by the Issuer to the Reporting Persons.

Explanatory Note: This Amendment No. 2 (this “Amendment No. 2”) is being filed to amend and restate the Schedule 13G Amendment No. 1 filed by the Reporting Persons on February 13, 2024 (“Amendment No. 1”) to amend and supplement the original Schedule 13G filed with the United States Securities and Exchange Commission (the “Commission”) on February 10, 2022 (together with Amendment No. 1, the “Original Schedule 13G”). This Amendment No. 2 updates the percentage ownership of the Issuer’s Ordinary Shares by each of the Reporting Persons based on additional information shared by the Issuer with the Reporting Persons regarding the number of Ordinary Shares outstanding after the Reporting Persons filed Amendment No. 1. This amended Schedule 13 amends and restates in its entirety the information reported in Amendment No. 1. Only those items that are hereby reported are amended; all other items reported in the Original Schedule 13G remain unchanged. Information given in response to each item shall be deemed incorporated by reference in all other items, as applicable. Capitalized terms not defined in this Amendment No. 2 have the meanings ascribed to them in the Original Schedule 13G.

Item 4. Ownership.

- (a) Amount beneficially owned:

See Row 9 of the cover page for each Reporting Person and the corresponding footnotes.*

- (b) Percent of class:

See Row 11 of the cover page for each Reporting Person and the corresponding footnotes.*

- (c) Number of shares as to which the person has:

- (i) Sole power to vote or to direct the vote

See Row 5 of the cover page for each Reporting Person and the corresponding footnotes.*

- (ii) Shared power to vote or to direct the vote

See Row 6 of the cover page for each Reporting Person and the corresponding footnotes.*

- (iii) Sole power to dispose or to direct the disposition of

See Row 7 of the cover page for each Reporting Person and the corresponding footnotes.*

- (iv) Shared power to dispose or to direct the disposition of

See Row 8 of the cover page for each Reporting Person and the corresponding footnotes.*

* Except to the extent of his, her or its pecuniary interest therein, each Reporting Person disclaims beneficial ownership of such Ordinary Shares, except for the shares, if any, such Reporting Person holds of record.

Item 5. Ownership of Five Percent or Less of a Class.

☐

SIGNATURE

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

Dated: February 20, 2024

BALDERTON CAPITAL VI, S.L.P.

By: Balderton Capital General Partner VI, S.á.r.l.
Its: Managing General Partner

By: /s/ Petr Klíma
Name: Petr Klíma
Its: Manager

BALDERTON CAPITAL GENERAL PARTNER VI,
S.Á.R.L.

By: /s/ Petr Klimo
Name: Petr Klimo
Its: Manager