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**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**SCHEDULE 13G**

**Under the Securities Exchange Act of 1934**

**(Amendment No. )\***

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**SOPHiA GENETICS SA**

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**(Name of Issuer)**

**Ordinary Shares**

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**(Title of Class of Securities)**

**H82027105**

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**(CUSIP Number)**

**December 31, 2021**

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**(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 13d1(b)  
☐ Rule 13d1(c)  
☒ Rule 13d1(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 the 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).

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1	<b>NAMES OF REPORTING PERSONS</b> Generation Investment Management LLP	
2	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	<b>SEC USE ONLY</b>	
4	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> England and Wales	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	5	<b>SOLE VOTING POWER</b> 0
	6	<b>SHARED VOTING POWER</b> 6,789,560
	7	<b>SOLE DISPOSITIVE POWER</b> 0
	8	<b>SHARED DISPOSITIVE POWER</b> 6,789,560
9	<b>AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON</b> 6,789,560	
10	<b>CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES</b> <input type="checkbox"/>	
11	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 10.6%*	
12	<b>TYPE OF REPORTING PERSON</b> IA	

\* Beneficial ownership based on 63,857,604 ordinary shares, based on the 63,338,111 ordinary shares expected to be outstanding as of July 27, 2021, as reported on the Issuer's Prospectus filed pursuant to Rule 424(b)(4) filed with the Securities and Exchange Commission (the "SEC") on July 23, 2021 plus the 519,493 ordinary shares reported, on the Issuer's Form 6-K filed on August 25, 2021, as being issued and sold to the underwriters of its initial public offering pursuant to the underwriters' exercise of their option to purchase additional shares.

1	<b>NAMES OF REPORTING PERSONS</b> Generation IM Sustainable Solutions III, GP Ltd	
2	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	<b>SEC USE ONLY</b>	
4	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> Guernsey	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	5	<b>SOLE VOTING POWER</b> 0
	6	<b>SHARED VOTING POWER</b> 6,789,560
	7	<b>SOLE DISPOSITIVE POWER</b> 0
	8	<b>SHARED DISPOSITIVE POWER</b> 6,789,560
9	<b>AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON</b> 6,789,560	
10	<b>CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES</b> <input type="checkbox"/>	
11	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 10.6%*	
12	<b>TYPE OF REPORTING PERSON</b> OO	

\* Beneficial ownership based on 63,857,604 ordinary shares, based on the 63,338,111 ordinary shares expected to be outstanding as of July 27, 2021, as reported on the Issuer's Prospectus filed pursuant to Rule 424(b)(4) filed with the SEC on July 23, 2021 plus the 519,493 ordinary shares reported, on the Issuer's Form 6-K filed on August 25, 2021, as being issued and sold to the underwriters of its initial public offering pursuant to the underwriters' exercise of their option to purchase additional shares.

1	<b>NAMES OF REPORTING PERSONS</b> Generation IM Sustainable Solutions Fund III, L.P.	
2	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (c) <input type="checkbox"/> (d) <input type="checkbox"/>	
3	<b>SEC USE ONLY</b>	
4	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> Guernsey	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	5	<b>SOLE VOTING POWER</b> 0
	6	<b>SHARED VOTING POWER</b> 6,789,560
	7	<b>SOLE DISPOSITIVE POWER</b> 0
	8	<b>SHARED DISPOSITIVE POWER</b> 6,789,560
9	<b>AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON</b> 6,789,560	
10	<b>CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES</b> <input type="checkbox"/>	
11	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 10.6%*	
12	<b>TYPE OF REPORTING PERSON</b> OO	

\* Beneficial ownership based on 63,857,604 ordinary shares, based on the 63,338,111 ordinary shares expected to be outstanding as of July 27, 2021, as reported on the Issuer's Prospectus filed pursuant to Rule 424(b)(4) filed with the SEC on July 23, 2021 plus the 519,493 ordinary shares reported, on the Issuer's Form 6-K filed on August 25, 2021, as being issued and sold to the underwriters of its initial public offering pursuant to the underwriters' exercise of their option to purchase additional shares.

**Item 1(a)**      Name of Issuer:  
SOPHiA GENETICS SA

**Item 1(b)**      Address of Issuer's Principal Executive Offices:  
  
Rue du Centre 172  
CH-1025 Saint-Sulpice  
Switzerland

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**Items 2(a)**      Name of Person Filing:  
  
Generation Investment Management LLP  
Generation IM Sustainable Solutions III, GP Ltd  
Generation IM Sustainable Solutions Fund III, L.P.

**Item 2(b)**      Address of Principal Business Office:  
  
Generation Investment Management LLP: 20 Air Street, 7th floor, London, United Kingdom W1B 5AN.  
Generation IM Sustainable Solutions III, GP Ltd: 20 Air Street, 7th floor, London, United Kingdom W1B 5AN.  
Generation IM Sustainable Solutions Fund III, L.P.: 20 Air Street, 7th floor, London, United Kingdom W1B 5AN.

**Item 2(c)**      Citizenship:  
  
Generation Investment Management LLP – England and Wales  
Generation IM Sustainable Solutions III, GP Ltd – Guernsey  
Generation IM Sustainable Solutions Fund III, L.P. – Guernsey

**Item 2(d)**      Title of Class of Securities:  
  
Ordinary Shares

**Item 2(e)**      CUSIP Number:  
  
H82027105

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**Item 3**            If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is:

- (a)    ☐ Broker or dealer registered under Section 15 of the Act;
  - (b)    ☐ Bank as defined in Section 3(a)(6) of the Act;
  - (c)    ☐ Insurance company as defined in Section 3(a)(19) of the Act;
  - (d)    ☐ Investment company registered under Section 8 of the Investment Company Act of 1940;
  - (e)    ☐ An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
  - (f)    ☐ An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
  - (g)    ☐ A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
  - (h)    ☐ A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
  - (i)    ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940;
  - (j)    ☐ A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J);
  - (k)    ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).
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**Item 4                    Ownership:**

The information required by Items 4(a)-(c), as of the date hereof, is set forth in Rows 5-11 of the cover page hereto for each Reporting Person and is incorporated herein by reference for each such Reporting Person.

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**Item 5                    Ownership of Five Percent or Less of a Class:**

If this statement is being filed to report the fact that as of the date hereof a reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following [    ].

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**Item 6                    Ownership of More than Five Percent on Behalf of Another Person:**

N/A

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**Item 7                    Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company:**

N/A

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**Item 8                    Identification and Classification of Members of the Group:**

N/A

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**Item 9                    Notice of Dissolution of Group:**

N/A

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**Item 10                  Certification:**

N/A

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## SIGNATURES

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

Dated: January 6, 2022

### GENERATION INVESTMENT MANAGEMENT LLP

By: /s/ Alexander Marshall

Name: Alexander Marshall

Title: Partner

### GENERATION IM SUSTAINABLE SOLUTIONS III, GP LTD

By: /s/ Anne Ewing

Name: Anne Ewing

Title: Director

### GENERATION IM SUSTAINABLE SOLUTIONS FUND III, L.P.

By: Generation IM Sustainable Solutions III, GP Ltd

Its: General Partner

By: /s/ Anne Ewing

Name: Anne Ewing

Title: Director

EXHIBIT 99.1  
AGREEMENT OF REPORTING PERSONS

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing agreements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the other, except to the extent that such person or entity knows or has reason to believe that such information is inaccurate. This agreement may be executed in any number of counterparts and all of such counterparts taken together shall constitute one and the same instrument.

Dated: January 6, 2022

**GENERATION INVESTMENT MANAGEMENT LLP**

By: /s/ Alexander Marshall

Name: Alexander Marshall

Title: Partner

**GENERATION IM SUSTAINABLE SOLUTIONS III, GP LTD**

By: /s/ Anne Ewing

Name: Anne Ewing

Title: Director

**GENERATION IM SUSTAINABLE SOLUTIONS FUND III, L.P.**

By: Generation IM Sustainable Solutions III, GP Ltd

Its: General Partner

By: /s/ Anne Ewing

Name: Anne Ewing

Title: Director