

---

---

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

---

**FORM 8-A**

---

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR 12(g) OF  
THE SECURITIES EXCHANGE ACT OF 1934**

---

**SOPHiA GENETICS SA**

(Exact Name of Registrant as Specified in Its Charter)

---

**Switzerland**  
(State of or other jurisdiction  
of incorporation or organization)

**Not Applicable**  
(I.R.S. Employer  
Identification No.)

**Rue du Centre 172  
CH-1025 Saint-Sulpice  
Switzerland**  
(Address of principal executive offices) (Zip Code)

**Securities to be registered pursuant to Section 12(b) of the Act:**

Title of each class  
to be so registered  
**Ordinary shares, par value CHF 0.05 per share**

Name of each exchange on which  
each class is to be registered  
**The Nasdaq Stock Market LLC**

---

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c) or (e), check the following box. ☒

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d) or (e), check the following box. ☐

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box. ☐

**Securities Act registration statement or Regulation A offering statement file number to which this form relates:**  
**333-257646**  
(if applicable)

**Securities to be registered pursuant to Section 12(g) of the Act:**  
**None**  
(Title of Class)

---

---

---

## INFORMATION REQUIRED IN REGISTRATION STATEMENT

### **Item 1. Description of Registrant's Securities to be Registered**

The description under the heading "Description of Share Capital and Articles of Association" relating to the ordinary shares, par value CHF 0.05 per share (the "Shares"), of SOPHiA GENETICS SA (the "Registrant") in the preliminary prospectus included in the Registrant's Registration Statement on Form F-1 (Registration No. 333-257646) filed with the Securities and Exchange Commission on July 19, 2021, and the description under the heading "Description of Share Capital and Articles of Association" relating to the Shares in the Registrant's final prospectus to be filed with the Securities and Exchange Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended, are incorporated herein by reference.

### **Item 2. Exhibits**

Under the Instructions as to Exhibits with respect to Form 8-A, no exhibits are required to be filed because no other securities of the Registrant are registered on the Nasdaq Stock Market LLC and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

---

**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

**SOPHiA GENETICS SA**

Date: July 19, 2021

By: /s/ Daan van Well

Name: Daan van Well

Title: Chief Legal Officer