

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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

MAIA BIOTECHNOLOGY, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

83-1495913

(I.R.S. Employer
Identification Number)

444 West Lake Street, Suite 1700
Chicago, IL 06060
Telephone: (312) 416-8592

(Address of principal executive offices, including Zip Code)

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

Title of each class to be so registered

Name of each exchange on which each class is to be registered

Common stock, \$0.0001 par value per share

NYSE American

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: **333-264225** (if applicable).

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

INFORMATION REQUIRED IN REGISTRATION STATEMENT

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

A description of the common stock to be registered hereunder is contained in the section entitled "Description of Capital Stock" in the prospectus included in Registration Statement on Form S-1 (Registration No. 333-264225) for MAIA Biotechnology, Inc. (the "Registrant") initially filed with the Securities and Exchange Commission on April 11, 2022, as amended from time to time (the "Registration Statement"). This information is incorporated herein by reference. Any form of prospectus or prospectus supplement to the Registration Statement that includes such descriptions and that are filed subsequently to the Registration Statement are hereby also incorporated by reference herein.

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 NYSE American 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.

Date: July 27, 2022

MAIA Biotechnology, Inc.

By: /s/ Vlad Vitoc
Name: Vlad Vitoc
Title: Chief Executive Officer