UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

(Rule 14a-101)

INFORMATION REQUIRED IN PROXY STATEMENT SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

Filed by a Party other than the Registrant \Box

Filed by the Registrant ⊠

Check the appropriate box:

- □ Preliminary Proxy Statement
- □ Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- □ Definitive Proxy Statement
- Definitive Additional Materials
- □ Soliciting Material Pursuant to §240.14a-12

AVROBIO, INC.

(Exact name of registrant as specified in its charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- \boxtimes No fee required.
- □ Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
 - (1) Title of each class of securities to which transaction applies:
 - (2) Aggregate number of securities to which transaction applies:
 - (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
 - (4) Proposed maximum aggregate value of transaction:
 - (5) Total fee paid:

□ Fee paid previously with preliminary materials.

□ Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

- (1) Amount Previously Paid:
- (2) Form, Schedule or Registration Statement No.:
- (3) Filing Party:
- (4) Date Filed:



AVROBIO, Inc. Important Notice Regarding the Availability of Proxy Materials

Stockholder Meeting to be held on June 10, 2021 at 9:00 a.m. (Eastern Time) For Stockholders of record on April 12, 2021

This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. This is not a ballot. You cannot use this notice to vote your shares. We encourage you to access and review all of the important information contained in the proxy materials before voting.

To view the proxy materials, and to obtain instructions on how to attend the virtual meeting, go to: www.proxydocs.com/AVRO

To vote your proxy while visiting this site, you will need the 12 digit control number in the box below.

Under United States Securities and Exchange Commission rules, proxy materials do not have to be delivered in paper. Proxy materials can be distributed by making them available on the Internet.



For a convenient way to view proxy materials and VOTE go to www.proxydocs.com/AVRO

Have the 12 digit control number located in the shaded box above available when you access the website and follow the instructions.

If you want to receive a paper or e-mail copy of the proxy materials, you must request one. There is no charge to you for requesting a copy. In order to receive a paper package in time for this year's meeting, you must make this request on or before May 28, 2021.

To order paper materials, use one of the following methods.



In order to attend, you must register in advance at www.proxydocs.com/ANO prior to the deadline of June 8, 2021 at 5:00 PM Eastern Time. Upon completing your registration, you will receive further instructions via email, including your unique links that will allow you access to the meeting and will also permit you to submit questions. Please be sure to follow instructions found on your Proxy Card and/or Voting Authorization Form and subsequent instructions that will be delivered to you via email.



AVROBIO, Inc.

Annual Meeting of Stockholders

The Board of Directors Recommends a Vote FOR the nominees listed in proposal 1.

1. To elect three class III directors to our board of directors, to serve until the 2024 Annual Meeting of Stockholders.

- (1) Bruce Booth, D.Phil.
- (2) Phillip Donenberg
- (3) Geoff MacKay

The Board of Directors Recommends a Vote FOR proposal 2.

2. To ratify the appointment of Ernst & Young LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2021.

Note: To transact any other business that may properly come before the Annual Meeting or any adjournment thereof.