



DIVISION OF  
CORPORATION FINANCE

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

July 3, 2019

Geoff MacKay  
President and Chief Executive Officer  
AVROBIO, Inc.  
One Kendall Square  
Building 300, Suite 201  
Cambridge, MA 02139

**Re: AVROBIO, Inc.**  
**Registration Statement on Form S-3**  
**Filed July 1, 2019**  
**File No. 333-232489**

Dear Mr. MacKay:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Irene Paik at 202-551-6553 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Healthcare & Insurance

cc: James Xu - Goodwin Procter LLP