

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

May 7, 2024

AVROBIO, Inc. One Broadway 14th Floor Cambridge, MA 02142

Re: AVROBIO, Inc.

Registration Statement on Form S-4, as amended

Exhibit Nos. 10.9, 10.10, and 10.35

Filed April 29, 2024 File No. 333-277048

Dear Erik Ostrowski:

We have concluded our assessment of your redacted exhibits for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance Office of Life Sciences