



DIVISION OF
CORPORATION FINANCE

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

June 22, 2023

Alexandra MacLean, M.D.
Chief Executive Officer
Avenue Therapeutics, Inc
1111 Kane Concourse, Suite 301
Bay Harbor Islands, Florida 33154

Re: Avenue Therapeutics, Inc
Registration Statement on Form S-3
Filed June 16, 2023
File No. 333-272730

Dear Alexandra MacLean:

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 Alan Campbell at 202-551-4224 with any questions.

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc: David S. Wolpa