

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

August 13, 2025

Steven Nichtberger President and Chief Executive Officer Cabaletta Bio, Inc. 2929 Arch Street, Suite 600 Philadelphia, PA 19104

Re: Cabaletta Bio, Inc.
Registration Statement on Form S-3
Filed August 7, 2025
File No. 333-289339

Dear Steven Nichtberger:

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 Joshua Gorsky at 202-551-7836 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Kristen McCarthy, Esq.