



DIVISION OF
CORPORATION FINANCE

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

July 8, 2019

Hugh O'Dowd
Chief Executive Officer
Neon Therapeutics, Inc.
40 Erie Street, Suite 110
Cambridge, MA 02139

Re: Neon Therapeutics, Inc.
Registration Statement on Form S-3
Filed July 1, 2019
File No. 333-232487

Dear Mr. O'Dowd:

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 Tonya K. Aldave at (202) 551-3601 with any questions.

Sincerely,

Division of Corporation Finance
Office of Healthcare & Insurance

cc: Mitchell Bloom, Esq.