

May 3, 2021

Sanjiv K. Patel, M.D.
Chief Executive Officer
Relay Therapeutics, Inc.
399 Binney Street, 2nd Floor
Cambridge, MA 02139

Inc.

Statement on Form S-1

2021

Re: Relay Therapeutics,
Registration
Filed April 28,
File No. 333-255583

Dear Dr. Patel:

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
Christine Westbrook at 202-551-5019 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:
Morales-Rivera, Esq.

Gabriela