

March 10, 2021

Gaurav Shah, MD  
Chief Executive Officer  
Rocket Pharmaceuticals, Inc.  
9 Cedarbrook Drive  
Cranbury, NJ 08512

Pharmaceuticals, Inc.

Statement on Form S-3

Re: Rocket

Registration

Filed March 2, 2021

File No. 333-253756

Dear Dr. Shah:

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 Margaret Schwartz at 202-551-7153 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Sarah Ashfaq, Esq.