



DIVISION OF  
CORPORATION FINANCE

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

June 15, 2020

Margaret Horn  
Chief Operating Officer  
Revolution Medicines, Inc.  
700 Saginaw Drive  
Redwood City, California 94063

**Re: Revolution Medicines, Inc.**  
**Draft Registration Statement on Form S-1**  
**Submitted June 9, 2020**  
**CIK No. 0001628171**

Dear Ms. Horn:

This is to advise you that we do not intend to review your registration statement.

We request that you publicly file your registration statement no later than 48 hours prior to the requested effective date and time. 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 Laura Crotty at (202) 551-7614 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc: Mark Roeder