

January 25, 2021

Mark A. Goldsmith, M.D., Ph.D.
President and Chief Executive Officer
Revolution Medicines, Inc.
700 Saginaw Drive
Redwood City, CA 94063

Medicines, Inc.

Statement on Form S-1

21, 2021

Re: Revolution

Draft Registration

Submitted January

CIK No. 0001628171

Dear Mr. Goldsmith:

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 David

Gessert at 202-551-2326 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences