

March 19, 2021

Nello Mainolfi
Founder, President and Chief Executive Officer
Kymera Therapeutics, Inc.
200 Arsenal Yards Blvd., Suite 230
Watertown, Massachusetts 02472

Therapeutics, Inc.

Statement on Form S-1
2021

Re: Kymera

Draft Registration
Submitted March 17,
CIK No. 0001815442

Dear Dr. Mainolfi:

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 Irene

Paik at 202-551-6553 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:
Procter LLP

Nicole Daley - Goodwin