

VIA EDGAR

June 28, 2021

United States Securities and Exchange Commission
Division of Corporation Finance
Office of Life Sciences
100 F Street, N.E.
Washington, D.C. 20549
Attention: Irene Paik

**Re: Kymera Therapeutics, Inc.
Registration Statement on Form S-1 (File No. 333-257476)
Request for Acceleration of Effective Date**

Ladies and Gentlemen:

In accordance with Rule 461 under the Securities Act of 1933, as amended (the "Act"), we, as representatives of the several underwriters, hereby join in the request of Kymera Therapeutics, Inc. (the "Company") for acceleration of the effective date of the above-named Registration Statement so that it becomes effective at 4:30 PM, Eastern Time, on June 30, 2021, or as soon thereafter as practicable, or at such other time as the Company or its outside counsel, Goodwin Procter LLP, request by telephone that such Registration Statement be declared effective.

Pursuant to Rule 460 under the Act, we, as representatives of the several underwriters, wish to advise you that there will be distributed to each Underwriter or dealer, who is reasonably anticipated to participate in the distribution of the securities, as many copies of the proposed form of preliminary prospectus as appears to be reasonable to secure adequate distribution of the preliminary prospectus.

We, the undersigned, as representatives of the several underwriters, have complied and will comply, and we have been informed by the participating underwriters that they have complied and will comply, with the requirements of Rule 15c2-8 under the Securities Exchange Act of 1934, as amended.

Very truly yours,

Acting severally on behalf of themselves
and the several underwriters,

By: Morgan Stanley & Co. LLC

By: /s/ Chris Rigoli

Name: Chris Rigoli

Title: Vice President

By: J.P. Morgan Securities LLC

By: /s/ David Ke

Name: David Ke

Title: Managing Director

By: Cowen and Company, LLC

By: /s/ Bill Follis

Name: Bill Follis

Title: Managing Director

[Signature Page to Underwriters' Acceleration Request]