

IMARA Inc.
116 Huntington Avenue, 6th Floor
Boston, MA 02116

March 9, 2020

VIA EDGAR

Securities and Exchange Commission
Division of Corporation Finance
100 F Street, N.E.
Washington, D.C. 20549
Attention: Tonya K. Aldave

Re: IMARA Inc.
Registration Statement on Form S-1
File No. 333-236465
Request for Acceleration

Ladies and Gentlemen:

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, IMARA Inc. (the "Registrant") hereby requests acceleration of the effective date of its Registration Statement on Form S-1 (File No. 333-236465), as amended, so that it may become effective at 4:00 p.m. Eastern time on March 11, 2020, or as soon thereafter as practicable, or at such later time as the Registrant or its counsel may orally request via telephone call to the staff of the Securities and Exchange Commission.

[Remainder of Page Intentionally Left Blank]

Very truly yours,

IMARA Inc.

By: /s/ Rahul D. Ballal

Name: Rahul D. Ballal, Ph.D.

Title: President and Chief Executive Officer