

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

February 24, 2020

Rahul D. Ballal, Ph.D. Chief Executive Officer IMARA Inc. 116 Huntington Avenue, 6th Floor Boston, MA 02116

Re: IMARA Inc.

Registration Statement on Form S-1

Exhibit No. 10.7

Filed February 14, 2020 File No. 333-236465

Dear Dr. Ballal:

We have concluded our assessment of your redacted exhibit for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance

cc: Cynthia T. Mazareas, Esq.