

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

March 25, 2021

Yujiro Hata Chief Executive Officer IDEAYA Biosciences, Inc. 7000 Shoreline Court, Suite 350 South San Francisco, CA 94080

> Re: IDEAYA Biosciences, Inc. Registration Statement on Form S-3 Filed March 23, 2021 File No. 333-254606

Dear Mr. Hata:

This is to advise you that we have not reviewed and will not review your registration statement.

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 Ada D. Sarmento at 202-551-3798 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Mark V. Roeder, Esq.