

November 9, 2020

Fred M. Schwarzer
Chief Executive Officer and President
IGM Biosciences, Inc.
325 E. Middlefield Road
Mountain View, California 94043

Inc.

Statement on Form S-3
2020

Re: IGM Biosciences,
Registration
Filed November 5,
File No. 333-249863

Dear Mr. Schwarzer:

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.

Buchmiller at (202) 551-3635 with any questions.

Please contact Tim

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc:

Tony Jeffries, Esq.