

August 19, 2022

Hugh Y. Rienhoff, Jr.  
Chief Executive Officer  
Imago BioSciences, Inc.  
329 Oyster Point Blvd., 3rd Floor  
329 Oyster Point Blvd., 3rd Floor

Inc.

Statement on Form S-3

2022

Re: Imago BioSciences,

Registration

Filed August 18,

File No. 333-266963

Dear Dr. Rienhoff, Jr.:

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.

Nimitz at 202-551-5831 with any questions.

Please contact Jordan

Sincerely,

Division of Corporation Finance

Office of Life Sciences