

DIVISION OF CORPORATION FINANCE

June 17, 2024

Pete O'Heeron Chief Executive Officer FibroBiologics, Inc. 455 E. Medical Center Blvd., Suite 300 Houston, TX 77598

> Re: FibroBiologics, Inc. Draft Registration Statement on Form S-1 Submitted June 10, 2024 CIK No. 0001958777

Dear Pete O'Heeron:

This is to advise you that we do not intend to review your registration statement.

We request that you publicly file your registration statement no later than 48 hours prior to the requested effective date and time. 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 Doris Stacey Gama at 202-551-3188 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Brian P. Fenske, Esq.