

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

April 12, 2024

Eric d'Esparbes Chief Financial Officer Biora Therapeutics, Inc. 4330 La Jolla Village Drive, Suite 300 San Diego, CA 92122

Re: Biora Therapeutics, Inc.
Registration Statement on Form S-3
Filed April 8, 2024
File No. 333-278557

Dear Eric d'Esparbes:

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 Doris Stacey Gama at 202-551-3188 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Stewart McDowell, Esq.