

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

September 26, 2023

James Sapirstein Chief Executive Officer First Wave BioPharma, Inc. 777 Yamato Road, Suite 502 Boca Raton, FL 33431

> Re: First Wave BioPharma, Inc. Registration Statement on Form S-3 Filed September 22, 2023 File No. 333-274634

Dear James Sapirstein:

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 Tyler Howes at 202-551-3370 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Michael J. Lerner, Esq.