



DIVISION OF
CORPORATION FINANCE

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

August 12, 2020

Paula Ragan, Ph.D.
Chief Executive Officer
X4 Pharmaceuticals, Inc
955 Massachusetts Avenue, 4th Floor
Cambridge, Massachusetts 02139

Re: X4 Pharmaceuticals, Inc
Registration Statement on Form S-3
Filed August 7, 2020
File No. 333-242372

Dear Dr. Ragan:

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

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc: Courtney T. Thorne, Esq.