

July 2, 2021

Paula Ragan, Ph.D.  
Chief Executive Officer  
X4 Pharmaceuticals, Inc  
61 North Beacon Street, 4th Floor  
Boston, MA 02134

Inc

Statement on Form S-3

Re: X4 Pharmaceuticals,  
Registration

Filed June 25, 2021  
File No. 333-257422

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 Jeffrey Gabor at 202-551-2544 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Daniel Goldberg, Esq.