

April 28, 2022

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

Inc  
Statement on Form S-3  
2022

Re: X4 Pharmaceuticals,  
Registration  
Filed April 22,  
File No. 333-264459

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.

Howes at 202-551-3370 with any questions.

Please contact Tyler

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc:

Courtney Thorne, Esq.