

June 16, 2023

Adam Mostafa  
Chief Financial Officer  
X4 Pharmaceuticals, Inc  
61 North Beacon Street, 4th Floor  
Boston, Massachusetts 02134

Inc

Statement on Form S-3

Re: X4 Pharmaceuticals,  
Registration

Filed June 9, 2023  
File No. 333-272551

Dear Adam Mostafa:

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.

McNamara at 202-551-7349 with any questions.

Please contact Jimmy

Sincerely,

Division of Corporation Finance  
Office of Life Sciences