

August 21, 2023

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

Inc  
Statement on Form S-3  
2023

Re: X4 Pharmaceuticals,  
Registration  
Filed August 14,  
File No. 333-273961

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.

Stacey Gama at 202-551-3188 with any questions.

Please contact Doris

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc:  
Esq.

Daniel I. Goldberg,