

May 11, 2026

Adam Craig  
Executive Chairman  
X4 Pharmaceuticals, Inc  
61 North Beacon Street, 4th Floor  
Boston, MA 02134

Re: X4 Pharmaceuticals, Inc  
Registration Statement on Form S-3  
Filed May 6, 2026  
File No. 333-295597

Dear Adam Craig:

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 Jessica Dickerson at 202-551-8013 with any questions.

Sincerely,

Division of

Office of Life

Corporation Finance

Sciences

cc: Ryan A. Murr, Esq.