

June 2, 2022

Vimal Mehta, Ph.D.  
Chief Executive Officer  
BioXcel Therapeutics, Inc.  
555 Long Wharf Drive  
New Haven, CT 06511

Therapeutics, Inc.

Statement on Form S-3

Re: BioXcel

Registration

Filed May 27, 2022  
Filed 333-265277

Dear Dr. Mehta:

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 Michael Davis at 202-551-4385 or Celeste Murphy at 202-551-3257 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Peter N. Handrinos