

April 2, 2019

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

Re: BioXcel Therapeutics, Inc.  
Registration Statement on Form S-3  
Filed April 1, 2019  
File No. 333-230674

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 Dorrie Yale at 202-551-8776 with any questions.

Sincerely,  
  
Division of  
  
Office of

Corporation Finance  
  
Healthcare & Insurance  
cc: Stephen A. Cohen, Esq.