November 3, 2023

Vimal Mehta, Ph.D. Chief Executive Officer BioXcel Therapeutics, Inc. 780 East Main Street Branford, CT 06405

Therapeutics, Inc.

Statement on Form S-3

2023

Re: BioXcel

Registration

Filed November 2,

File No. 333-275261

Dear Vimal 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 Joshua

Gorsky at 202-551-7836 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc: Keith L. Halverstam