

June 9, 2020

Shoshana Shendelman
Chief Executive Officer
Applied Therapeutics Inc.
545 Fifth Avenue, Suite 1400
New York, New York 10017

Therapeutics Inc.
Statement on Form S-3

Re: Applied

Registration

Filed June 5, 2020
File No. 333-238948

Dear Dr. Shendelman:

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.

Lindsay at (202) 551-7237 with any questions.

Please contact Courtney

Sincerely,

Division of Corporation Finance
Office of Life Sciences