March 31, 2021 Lawrence Kenyon President, Chief Executive Officer and Chief Financial Officer Outlook Therapeutics, Inc. 4260 U.S. Route 1 Monmouth Junction, New Jersey 08852 Re: Outlook Therapeutics, Inc. Registration Statement on Form S-3 Filed March 26, File No. 333-254778 Dear Mr. Kenyon: 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.

Paik at 202-551-6553 with any questions.

Sincerely,

Division of Corporation Finance

Please contact Irene

Yoon-jee Kim - Cooley

Office of Life Sciences

LLP

2021

cc: