May 1, 2024

Lawrence A. Kenyon Chief Financial Officer Outlook Therapeutics, Inc. 485 Route 1 South Building F, Suite 320 Iselin, New Jersey 08830 Re: Outlook Therapeutics, Inc. Registration Statement on Form S-3 Filed April 26, 2024 File No. 333-278959 Dear Lawrence A. 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. Please contact Alan Campbell at 202-551-4224 with any questions. Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Courtney M.W. Tygesson