

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

July 23, 2025

Lynn Seely President and Chief Executive Officer Lyell Immunopharma, Inc. 201 Haskins Way South San Francisco, CA 94080

> Re: Lyell Immunopharma, Inc. Registration Statement on Form S-3 Filed July 18, 2025 File No. 333-288769

Dear Lynn Seely:

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: Thomas Greenberg