

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

April 1, 2025

Julie Eastland Chief Executive Officer Zentalis Pharmaceuticals, Inc. 10275 Science Center Drive, Suite 200 San Diego, CA 92121

> Re: Zentalis Pharmaceuticals, Inc. Registration Statement on Form S-3 Filed March 26, 2025 File No. 333-286122

Dear Julie Eastland:

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 Tyler Howes at 202-551-3370 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Salvatore Vanchieri, Esq.