

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

October 17, 2024

Cam Gallagher Interim Chief Financial Officer Zentalis Pharmaceuticals, Inc. 1359 Broadway Suite 801 New York, New York 10018

> Re: Zentalis Pharmaceuticals, Inc. Form 10-K for the Fiscal Year Ended December 31, 2023 Filed February 27, 2024 File No. 001-39263

Dear Cam Gallagher:

We have completed our review of your filings. 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.

Sincerely,

Division of Corporation Finance Office of Life Sciences