

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

June 29, 2022

Melissa Epperly Chief Financial Officer Zentalis Pharmaceuticals, Inc. 1359 Broadway Suite 1710 New York, New York 10018

> Re: Zentalis Pharmaceuticals, Inc. Form 10-K for the Fiscal Year Ended December 31, 2021 Filed February 24, 2022 File No. 001-39263

Dear Ms. Epperly:

We have completed our review of your filing. 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