

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

DIVISION OF CORPORATION FINANCE

September 9, 2024

James Rolke Chief Executive Officer Revelation Biosciences, Inc. 4660 La Jolla Village Drive, Suite 100 San Diego, CA 92122

> Re: Revelation Biosciences, Inc. Registration Statement on Form S-3 Filed September 3, 2024 File No. 333-281909

Dear James Rolke:

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: Joseph P. Galda, Esq.