

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

April 26, 2024

Jack Anders Chief Financial Officer Revolution Medicines, Inc. 700 Saginaw Drive Redwood City, CA 94063

> Re: Revolution Medicines, Inc. Form 10-K for Fiscal Year Ended December 31, 2023 File No. 001-39219

Dear Jack Anders:

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