

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

October 11, 2024

Teri Loxam Chief Financial Officer Compass Pathways plc 44 West 37th Street, 7th Floor New York, New York 10014

> Re: Compass Pathways plc Registration Statement on Form S-3 Filed October 7, 2024 File No. 333-282522

Dear Teri Loxam:

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 Tim Buchmiller at 202-551-3635 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Benjamin K. Marsh, Esq.