

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

February 11, 2025

Ian McDonald Chief Executive Officer Bright Minds Biosciences Inc. 19 Vestry Street New York, NY 10013

> Re: Bright Minds Biosciences Inc. Registration Statement on Form F-3 Filed February 5, 2025 File No. 333-284694

Dear Ian McDonald:

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: Michael Shannon, Esq.