

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

November 29, 2022

James Caruso
President and Chief Executive Officer
Cellectar Biosciences, Inc.
100 Campus Drive
Florham Park, NJ 07932

Re: Cellectar Biosciences, Inc. Registration Statement on Form S-1 Filed November 23, 2022 File No. 333-268554

Dear James Caruso:

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 Jason Drory at 202-551-8342 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Istvan Hajdu