

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

June 20, 2018

James V. Caruso
President and Chief Executive Officer
Cellectar Biosciences, Inc.
3301 Agriculture Drive
Madison, WI 53716

Re: Cellectar Biosciences, Inc.
Registration Statement on Form S-1
Filed June 15, 2018
File No. 333-225675

Dear Mr. 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 Irene Paik at 202-551-6553 with any questions.

Division of Corporation Finance Office of Healthcare & Insurance

cc: Joshua B. Erekson, Esq.