

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

August 13, 2020

Ronald H.W. Cooper Chief Executive Officer Albireo Pharma, Inc. 10 Post Office Square, Suite 1000 Boston, MA 02109

Re: Albireo Pharma, Inc.
Registration Statement on Form S-3
Filed August 6, 2020
File No. 333-241680

Dear Mr. Cooper:

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 Ada D. Sarmento at 202-551-3798 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Megan Gates, Esq.