

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

August 23, 2022

Ronald H.W. Cooper President and Chief Executive Officer Albireo Pharma, Inc. 53 State Street, 19th Floor Boston, Massachusetts 02109

Re: Albireo Pharma, Inc.
Registration Statement on Form S-3
Filed August 16, 2022
File No. 333-266893

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 Alan Campbell at 202-551-4224 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: John P. Condon, Esq.