



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

DIVISION OF
CORPORATION FINANCE

May 15, 2023

Andrew Obenshain
President and Chief Executive Officer
bluebird bio, Inc.
455 Grand Union Boulevard
Somerville, MA 02145

Re: bluebird bio, Inc.
Registration Statement on Form S-3
Filed May 9, 2023
File No. 333-271772

Dear Andrew Obenshain:

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: Wesley C. Holmes, Esq.