UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): April 27, 2022

bluebird bio, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

001-35966 (Commission File Number)

(IRS Employer Identification No.)

60 Binney Street, Cambridge, MA (Address of Principal Executive Offices)

02142 (Zip Code)

13-3680878

Registrant's Telephone Number, Including Area Code: (339) 499-9300

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instructions A.2. below):

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.01 par value per share	BLUE	The NASDAQ Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On April 27, 2022, the board of the directors of bluebird bio, Inc. (the "Company") appointed Jason F. Cole, as the Company's principal accounting officer in addition to his current role as the Company's Chief Strategy and Financial Officer and Treasurer and its principal financial officer, effective immediately.

Prior to these roles, Jason F. Cole, 49, served as the Company's Chief Business Officer since November 2021. Mr. Cole previously served as the Company's Chief Operating and Legal Officer from February 2019 to November 2021. Prior to this role, Mr. Cole served as the Company's Chief Legal Officer since March 2016. Mr. Cole received an A.B. in Government from Dartmouth College and a J.D. from Columbia University School of Law.

There are no other arrangements or understandings between Mr. Cole and any other person pursuant to which Mr. Cole was appointed as principal accounting officer of the Company. Mr. Cole is not a party to any transaction that would require disclosure under Item 404(a) of Regulation S-K.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: May 2, 2022

bluebird bio, Inc.

By: /s/ Helen C. Fu

Helen C. Fu

Senior Vice President, General Counsel and Secretary