bluebird bio, Inc.		
Form 8-K		
October 13, 2016		

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): October 13, 2016

bluebird bio, Inc.

(Exact name of registrant as specified in its charter)

DELAWARE 001-35966 13-3680878

(State or other jurisdiction of (Commission File Number) (I.R.S. Employer incorporation) Identification No.)

150 Second Street

Cambridge, MA 02141

(Address of principal executive offices) (Zip Code)

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:
o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01Other Events

On October 13, 2016, bluebird bio, Inc. ("bluebird") issued a press release announcing its research and development strategies for its gene therapy programs, including bluebird's progress with manufacturing process improvements, planned changes to its HGB-206 clinical trial of its Lenti-Globin product candidate for the treatment of severe sickle cell disease, and regulatory updates for its Lenti-Globin product candidate for the treatment of transfusion-dependent beta-thalassemia.

The full text of bluebird's press release regarding the announcement is filed as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

Item 9.01Financial Statements and Exhibits.

(d) Exhibits

Exhibit No. Description
99.1 Press
release
issued by
bluebird
bio, Inc. on
October 13,
2016.

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: October 13, 2016 bluebird bio, Inc.

By: /s/
Jason
F. Cole
Jason
F. Cole
Chief
Legal
Officer

EXHIBIT INDEX

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