bluebird bio, Inc. Form 8-K April 02, 2015			
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 1, 2015			
bluebird bio, Inc.			
(Exact name of registrant as specified in its charter)			

DELAWARE 001-35966 13-3680878 (State or other jurisdiction (Commission (I.R.S. Employer

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of incorporation) File Number) Identification No.)

150 Second Street

Registrant's telephone number,	Cambridge, MA (Address of principal executive offices) including area code (339) 499-9300	02141 (Zip Code)	
Not Applicable			
(Former name or former address, if changed since last report)			
Check the appropriate box belo the registrant under any of the f	——————————————————————————————————————	nultaneously satisfy the filing obligation of	
"Written communications pursu	aant 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 communic	cations pursuant to Rule 14d-2(b) under the	ne Exchange Act (17 CFR 240.14d-2(b))	
"Pre-commencement communic	cations pursuant to Rule 13e-4(c) under the	ne Exchange Act (17 CFR 240.13e-4(c))	

## Item 1.01Entry into a Material Definitive Agreement

On April 1, 2015, bluebird bio, Inc. ("bluebird") and the Institut Pasteur ("Pasteur") entered into amendment No. 4 (the "Amendment") to the existing License Agreement between bluebird and Pasteur, dated as of September 13, 2011, as amended on April 27, 2012, October 16, 2012 and September 10, 2013 (the "License Agreement"). Under the terms of the existing License Agreement, bluebird had licensed certain patents and patent applications relating to the use of DNA sequences, lentiviral vectors and recombinant cells in the field of ex vivo gene therapy and chimeric antigen receptor T cells in a range of indications, excluding vaccination. The license is exclusive for products containing human and non-human lentiviral vectors. Under the terms of the Amendment, in consideration of the payment of €3.0 million and additional consideration described below, bluebird licensed additional patents and patent applications from Pasteur, and expanded the field of the license to include ex vivo gene therapy for the treatment and prevention of all human disorders, including use of chimeric antigen receptor T cells, excluding vaccination.

Upon commercialization of our products covered by the in-licensed intellectual property, which we expect would include our Lenti-D and LentiGlobin product candidates, we will be obligated to pay Pasteur a percentage of net sales as a royalty. This royalty varies depending on the indication of the product but in any event is in the low single digits. In addition, starting in 2016 we must make an increased annual maintenance payment which is creditable against royalty payments on a year-by-year basis.

Under the License Agreement, as amended by the Amendment, we have the right to grant sublicenses to third parties. For the first sublicense including a product targeting ALD (including CCALD and AMN), or -hemoglobinopathies (including -thalassemia, and SCD), we must pay Pasteur an additional payment of €3.0 million. If we receive income (cash or non-cash) in connection with sublicenses for products targeting indications other than ALD (including CCALD and AMN), or -hemoglobinopathies (including -thalassemia and SCD), we must pay Pasteur a percentage of such sublicense income in the low single digits if the sublicense also includes licenses to intellectual property controlled by bluebird, and a percentage of sublicense income in the mid-range double digits if the sublicense does not include licenses to intellectual property controlled by bluebird.

The foregoing description of the Amendment does not purport to be a complete statement of the parties' rights under the Amendment and the License Agreement and is qualified in its entirety by reference to the full text of the Amendment, a copy of which will be filed as an Exhibit to bluebird's quarterly report on Form 10-Q for the quarter ended March 31, 2015.

## **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: April 2, 2015 bluebird bio, Inc.

By: /s/ Jason F. Cole Jason Cole Senior Vice President, General Counsel