bluebird bio, Inc. Form 4 May 18, 2016

## FORM 4

#### OMB APPROVAL

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or Expires: January 31, 2005

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

to Instruction 50(II) of the investment ex

1(b).

(Print or Type Responses)

| Name and Address of Reporting Person *     Davidson David |            |          | 2. Issuer Name <b>and</b> Ticker or Trading Symbol bluebird bio, Inc. [BLUE] | 5. Relationship of Reporting Person(s) to Issuer  |  |  |  |
|---|------------|----------|--|---|--|--|--|
| (Last)  | (First)    | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)                             | (Check all applicable) Director 10% Owner   |  |  |  |
| C/O BLUEBIRD BIO, INC., 150<br>SECOND STREET              |            |          | 05/16/2016   | _X_ Officer (give title Other (speci<br>below) below)<br>Chief Medical Officer                    |  |  |  |
| (Street)  |            |          | 4. If Amendment, Date Original Filed(Month/Day/Year)                         | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person |  |  |  |
| CAMBRIDO  | GE, MA 021 | 41       |  | Form filed by More than One Reporting Person  |  |  |  |

| (City)                               | (State)                                 | (Zip) Tab   | le I - Non-                             | Derivative                             | Secu                         | rities Acqui         | red, Disposed of,  | or Beneficiall   | y Owned   |
|--------------------------------------|---|---|---|--|------------------------------|----------------------|--|--|---|
| 1.Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code<br>(Instr. 8) | 4. Securi<br>oner Dispo-<br>(Instr. 3, | sed of<br>4 and<br>(A)<br>or | ` '                  | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| Common<br>Stock                      | 05/16/2016                              |   | M                                       | 1,000                                  | A                            | \$ 2.09              | 10,600   | D  |   |
| Common<br>Stock                      | 05/16/2016                              |   | S(1)                                    | 1,000                                  | D                            | \$<br>38.7293<br>(2) | 9,600  | D  |   |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

#### Edgar Filing: bluebird bio, Inc. - Form 4

## Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transactic<br>Code<br>(Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) |       | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                    | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |  |
|---|---|---|---|--|---|-------|--|--------------------|---|--|
|   |   |   |   | Code V                                 | (A)   | (D)   | Date<br>Exercisable                                      | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares |
| Stock Option (right to buy)                         | \$ 2.09   | 05/16/2016                              |   | M                                      |   | 1,000 | (3)  | 04/13/2022         | Common<br>Stock   | 1,000                                  |

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

**Davidson David** 

C/O BLUEBIRD BIO, INC. 150 SECOND STREET

CAMBRIDGE, MA 02141

Chief Medical Officer

### **Signatures**

/s/Jason F. Cole, Attorney-in-Fact

05/18/2016

\*\*Signature of Reporting Person

Date

### **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on January 14, 2015.
- The range of prices for the transaction reported on this line was \$38.37 to \$39.02. The average weighted price was \$38.7293. The (2) reporting person will provide, upon request by the SEC, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- (3) This option vests over a four-year period, at a rate of twenty-five percent (25%) on February 13, 2013 and in 36 equal monthly installments thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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