bluebird bio, Inc. Form 4 December 09, 2014

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

Check this box if no longer subject to Section 16.

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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**OMB APPROVAL** 

3235-0287

January 31,

2005

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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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **Davidson David** Issuer Symbol bluebird bio, Inc. [BLUE] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X\_ Officer (give title \_ Other (specify C/O BLUEBIRD BIO, INC., 150 12/05/2014 below) SECOND STREET Chief Medical Officer (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting CAMBRIDGE, MA 02141 Person

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secui	rities Acquir	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit DID Dispos (Instr. 3, 4	ed of (		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/05/2014		M	1,212	A	\$ 2.0864	1,212	D	
Common Stock	12/05/2014		S <u>(1)</u>	1,212	D	\$ 45.0033 (2)	0	D	
Common Stock	12/08/2014		M	13,788	A	\$ 2.0864	13,788	D	
Common Stock	12/08/2014		S <u>(1)</u>	8,851	D	\$ 45.9076 (3)	4,937	D	
	12/08/2014		S <u>(1)</u>	4,692	D		245	D	

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Common \$ 46.6923  $\frac{(4)}{(2)}$  Common Stock  $S_{\frac{(1)}{2}}$  245 D  $S_{\frac{(5)}{2}}$  0 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)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative 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 Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 2.0864	12/05/2014		M	1,212	<u>(6)</u>	04/13/2022	Common Stock	1,212
Stock Otpion (right to buy)	\$ 2.0864	12/08/2014		M	13,788	<u>(6)</u>	04/13/2022	Common Stock	13,788

# **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

Reporting Owners 2

## **Signatures**

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

12/09/2014

\*\*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 October 14, 2013.
- The range of prices for the transaction reported on this line was \$45.00 to \$45.05. The average weighted price was \$45.0033. 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.
- The range of prices for the transaction reported on this line was \$45.24 to \$46.2350. The average weighted price was \$45.9076. The (3) 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.
- The range of prices for the transaction reported on this line was \$46.25 to \$47.24. The average weighted price was \$46.6923. The (4) 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.
- The range of prices for the transaction reported on this line was \$47.26 to \$47.40. The average weighted price was \$47.3440. The (5) 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.
- (6) 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.

Signatures 3