bluebird bio, Inc. Form 4 August 19, 2015

FORM 4

OMB

OMB APPROVAL

Check this box if no longer subject to Section 16.

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

3235-0287 Number: January 31,

Expires:

Form 4 or Form 5 obligations

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

2005 Estimated average burden hours per

may continue. See Instruction 1(b).

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

0.5 response...

(Print or Type Responses)

1. Name and Address of Reporting Person * Davidson David			2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
C/O BLUEBIRD BIO, INC., 150 SECOND STREET (Street)			08/17/2015	_X_ Officer (give title Other (special below)			
				Chief Medical Officer			
			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
CAMBRIDGE, MA 02141				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

									•	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	or Dispos (Instr. 3,	sed of 4 and (A) or	5)	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	08/17/2015		Code 'M	V	Amount 2,000	(D) A	Price \$ 2.09	2,000	D	
Common Stock	08/17/2015		S <u>(1)</u>		1,261	D	\$ 124.8997 (2)	739	D	
Common Stock	08/17/2015		S <u>(1)</u>		559	D	\$ 125.8322 (3)	180	D	
Common Stock	08/17/2015		S(1)		180	D	\$ 126.763 (4)	0	D	

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

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SEC 1474 (9-02)

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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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		e Expiration I	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)	\$ 2.09	08/17/2015		M	2,000	(5)	04/13/2022	Common Stock	2,000	

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 08/19/2015

**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 \$124.51 to \$125.50. The average weighted price was \$124.8997. The 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.

Reporting Owners 2

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- The range of prices for the transaction reported on this line was \$125.51 to \$126.47. The average weighted price was \$125.8322. The 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 \$126.52 to \$126.97. The average weighted price was \$126.7630. The 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.
- (5) 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.