bluebird bio, Inc. Form 4 June 17, 2015

FORM 4

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

Check this box if no longer subject to Section 16. Form 4 or

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

Form 5 obligations 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

(Print or Type Responses)

(Last)

1. Name and Address of Reporting Person * **Davidson David**

(Middle)

C/O BLUEBIRD BIO, INC., 150 SECOND STREET

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

bluebird bio, Inc. [BLUE]

3. Date of Earliest Transaction (Month/Day/Year)

06/15/2015

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify below)

Chief Medical Officer

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

CAMBRIDGE, MA 02141

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acquir	ed, Disposed of,	or Beneficially	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		sed of 4 and (A) or		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	06/15/2015		M	2,000	A	\$ 2.09	2,000	D	
Common Stock	06/15/2015		S(1)	644	D	\$ 182.4531 (2)	1,356	D	
Common Stock	06/15/2015		S(1)	1,169	D	\$ 183.5388 (3)	187	D	
Common Stock	06/15/2015		S(1)	71	D	\$ 184.1567	116	D	
	06/15/2015		S(1)	95	D	\$ 185.565	21	D	

Common Stock

Common $S^{(1)}$ 21 06/15/2015 D Stock

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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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 3. Transaction Date 3A. Deemed 5. Number 6. Date Exercisable and 7. Title and Amount of 8. l 4. Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date Underlying Securities Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) Price of (Month/Day/Year) (Instr. 8) Acquired (Instr. 3) Derivative (A) or Security Disposed of (D) (Instr. 3, 4, and 5) Amount or Date Expiration Title Number Exercisable Date of Code V (A) Shares (D) Stock Option Common (4) 04/13/2022 \$ 2.09 06/15/2015 M 2,000 2,000 (right to Stock buy)

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Davidson David C/O BLUEBIRD BIO, INC. 150 SECOND STREET

Chief Medical Officer

CAMBRIDGE, MA 02141

Signatures

/s/Jason F. Cole, 06/17/2015 Attorney-in-Fact

**Signature of Reporting Person Date

Reporting Owners 2

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 \$182.3674 to \$182.5089. The average weighted price was \$182.4531. 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 \$183.2039 to \$183.9779. The average weighted price was \$183.5388. 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.
- (4) 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.