bluebird bio, Inc. Form 4 September 14, 2015

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

Expires:

January 31, 2005

Estimated average burden hours per

0.5 response...

Check this box if no longer subject to Section 16. 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 * Walsh Jeffrey T.			2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
C/O BLUEBIRD BIO, INC., 150 SECOND STREET		C., 150	(Month/Day/Year) 09/10/2015	Director 10% OwnerX Officer (give title Other (specify below) Chief Operating Officer		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
CAMBRIDGE	E, MA 0214	1	Filed(Month/Day/Year)	Applicable Line) _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)	3. Transactic Code (Instr. 8)	4. Securit on Disposed (Instr. 3, 4)	of (D)		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	09/10/2015		M	11,000	A	\$ 5.5004	11,000	D	
Common Stock	09/10/2015		S <u>(1)</u>	824	D	\$ 128.1138 (2)	10,176	D	
Common Stock	09/10/2015		S <u>(1)</u>	7,624	D	\$ 129.9706 (3)	2,552	D	
Common Stock	09/10/2015		S <u>(1)</u>	2,552	D	\$ 130.7919 (4)	0	D	

Edgar Filing: bluebird bio, Inc. - Form 4

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

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

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	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exer	cisable and	7. Title and	Amount of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	onDerivative	Expiration Date		Underlying Securities	
Security	or Exercise		any	Code	Securities	(Month/Day	(Year)	(Instr. 3 and	4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A)				
	Derivative				or Disposed of				
	Security				(D)				
					(Instr. 3, 4,				
					and 5)				
						Date Exercisable	Expiration Date	Title	Amount or Number
				Code V	(A) (D)				of Shares
Stock Option (right to buy)	\$ 5.5004	09/10/2015		M	11,000	<u>(5)</u>	01/16/2023	Common Stock	11,000

Reporting Owners

Reporting Owner Name / Address	Kelationships						
	Director	10% Owner	Officer	Other			
Walsh Jeffrey T.			Chief				
C/O BLUEBIRD BIO, INC.			Cinci				
150 SECOND STREET			Operating				
CAMBRIDGE, MA 02141			Officer				

Signatures

/s/ Jason F. Cole, Attorney-in-Fact 09/14/2015

**Signature of Reporting Person Da

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 September 26, 2014
- The range of prices for the transaction reported on this line was \$128.00 to \$128.58. The average weighted price was \$128.1138. 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.

(3)

Reporting Owners 2

Edgar Filing: bluebird bio, Inc. - Form 4

The range of prices for the transaction reported on this line was \$129.50 to \$130.50. The average weighted price was \$129.9706. 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 \$130.52 to \$131.42. The average weighted price was \$130.7919. 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.
- This option to purchase shares of our common stock was granted on January 16, 2013 with performance-based vesting criteria that were (5) met as of January 1, 2013. The shares underlying these options vested as follows: 25% vested on January 1, 2014, with the remainder of the shares vesting in equal monthly installments over the following three years.

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.