FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-0287								
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person* Leach leads and Address of Reporting Person* Address of Reporting Person*						2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
<u>Leschly Nick</u>						Sacona Sio, me. [BESE]									X Dire		ctor		10% Owner		
(Last) (First) (Middle)					3. D	Date of Earliest Transaction (Month/Day/Year)								\dashv			ficer (give title low)		Other (specify below)		
C/O BLUEBIRD BIO, INC.					09/	09/02/2014									President and CEO						
150 SECOND STREET					\vdash																
(Street)						4. If Amendment, Date of Original Filed (Month/Day/Year) 09/03/2014									6. Individual or Joint/Group Filing (Check Applicable Line)						
CAMBR	IDGE M	Α (2141												X	Form filed by One Reporting Person Form filed by More than One Reporting					
																Pers		re than Oi	1е кер	orting	
(City)	(St	ate) (Zip)																		
		Tabl	e I - Noi	n-Deriv	ative	Sec	curitie	s Acc	quired,	Dis	posed o	f, oı	r Ben	efici	ally	Owne	ed				
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)						Execution Da		Date,	3. Transaction Code (Instr. 8)						4 and Se Be Ov		Securities F Seneficially (6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
									Code	v	Amount		(A) or (D)	Price	•	Transaction(s) (Instr. 3 and 4)				(111341.4)	
Common Stock 09/02					2/2014				S ⁽¹⁾		8,100	(2) D \$3		\$38	8 ⁽³⁾ 314,901		14,901	D			
	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)	erivative Conversion Date Execution or Exercise (Month/Day/Year) if any				Date, Transaction Code (Inst				6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)					9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4	: t (D) direct	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	or Nur of	ount mber ires							

Explanation of Responses:

- 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 15, 2013.
- 2. 100 shares were omitted from the reporting person's original Form 4 reporting this transaction, and also were omitted from two Forms 4 filed by the reporting person after his September 3, 2014 Form 4 was filed.
- 3. The range of prices for the transaction reported on this line was \$36.91 to \$40.19. The average weighted price was \$38.0004. 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.

Remarks:

The purpose of this amendment is to correct an error in Columns 4 and 5 of Table I in the original filing, with respect to the transaction dated 09/02/2014.

/s/ Jason F. Cole, Attorney-in-Fact 10/29/2014

** Signature of Reporting Person Date

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.