FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average burden									
hours per response:	0.5								

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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* Davidson David						2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]									Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner					
(Last)	(Fi UEBIRD BI	,	Midd	le)		3. Date of Earliest Transaction (Month/Day/Year) 06/05/2017									X	Director Officer (give title below) Chief Med		Oth bel	er (specify ow)	
60 BINNEY STREET						4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street) CAMBRIDGE MA 02142															X	,				
(City)	(St		Zip)		<u></u>															
		Tab	le I	- Non-Deriv	vativ	e Se	curi	ties A	Acquir	ed, C	Dispo	osed	of, or E	Benefici	ally C)wne	ed			
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Yea				ear) i	2A. De Executif any (Mont	tion [3. Transa Code (8)			4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4			nd 5) Securition Benefici Owned		ficially ed	6. Ownershi Form: Direct (D) or Indirect (I) (Instr. 4)			
								Code	v	Amo	ount	(A) or (D)			Following Reported Transaction(s) (Instr. 3 and 4)		(msu. 4)	(IIIStr. 4)		
Common Stock 06/05/2017					.7				М		1	,000	A	\$2.0	\$2.09		8,177	D		
Common Stock 06/05/2017				.7	7		S ⁽¹⁾		1	,000	D	\$90.00	24(2)	17,177		D				
		Ta	able	II - Deriva												ned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Exe if ar	Deemed cution Date, ny nth/Day/Year)		(Instr. o		mber rivative curities quired or sposed (D) str. 3, nd 5)	6. Date Exerc Expiration D (Month/Day/\)		ate		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		8. Pri of Deriv Secur (Instr	vative urity	9. Number o derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership	
					Code	le V	(A)	(D)	Date Exerc	isable	Expiration Date		Title	Amount or Number of Shares	er					
Stock Option (right to buy)	\$2.09	06/05/2017			М			1,000	(3	3)	04/13	3/2022	Common Stock	1,000	\$0.	00	9,239	D		

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 December 12, 2016.
- 2. The range of prices for the transaction reported on this line was \$90,0000 to \$90,0250. The average weighted price was \$90,0024. 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. 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.

Remarks:

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

06/07/2017

<u>Fact</u>

** 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.