Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSH	ΙP
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OMB APPROVAL											
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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* Gregory Philip D						2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]								Check	all app	o of Reportir dicable) dor er (give title	ng Pe	rson(s) to Is 10% O Other (wner	
(Last) (First) (Middle) C/O BLUEBIRD BIO, INC. 60 BINNEY STREET						3. Date of Earliest Transaction (Month/Day/Year) 05/03/2021								X	below) Chief Scienti		ntific	below)	,	
(Street) CAMBRIDGE MA 02142 (City) (State) (Zip)					4. If Amendment, Date of Original Filed (Month/Day/Year)									5. Indiv ine) X	′					
		Table	I - N	lon-Deriva	tive S	Secui	rities	Ac	quir	ed, Di	sposed o	f, or I	3enefic	ially	Own	ed				
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Yes				Execution Date		,	3. Transaction Code (Instr. 8)					and 5) Se Be Ov		Amount of ecurities eneficially wned Following eported		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		Transa	Transaction(s) Instr. 3 and 4)			(111341.4)		
Common Stock 05/03/202				1				S ⁽¹⁾		39	D	\$30.15	11 ⁽²⁾	4	6,829		D			
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																			
Derivative Security (Instr. 3) Price of Derivative Security			Code (8)	Transaction of Code (Instr. Derivativ			Expiration Date (Month/Day/Year) Date Expiration			Amo Secu Unde Deriv Secu 3 and	Amount or Number of	unt per				10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			

Explanation of Responses:

- 1. Shares were sold to cover tax withholding obligations incurred in connection with the vesting of Restricted Stock Units.
- 2. The range in prices for the transaction reported on this line was \$29.85 to \$30.42. The average weighted price was \$30.1511. The reporting person will provide, upon request by the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each separate price.

Remarks:

/s/ Helen C. Fu, Attorney-in-

05/05/2021

Fact

** 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.