FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C. 20549
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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).

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

1. Name and Address of Reporting Person* <u>Cole Jason</u>						2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]								Check	tionship of Reportical applicable) Director Officer (give title		ng Person(s) to Iss 10% Own Other (sp		wner
C/O BLUEBIRD BIO, INC.					3. Date of Earliest Transaction (Month/Day/Year) 08/19/2022								X	belov	chief Strategy & F		below)		
455 GRAND UNION BOULEVARD (Street) SOMERVILLE MA 02145					4. If Amendment, Date of Original Filed (Month/Day/Year)								Indiv ne) X	·					
(City)	(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/Ye				n 2 (ear) i	2A. Deemed Execution Date,		e,	3. Transaction Code (Instr. 8) 4. Securities A Disposed Of (I			Acquire	d (A) or	and 5) 5. A Sec Ben Owi		mount of curities deficially		n: Direct r Indirect istr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
					22				Code	v	Amount	(A) or (D)	Price	Trans (Instr		action(s) . 3 and 4)			(11341. 4)
Common Stock 08/19/202									S ⁽¹⁾		14,194	D	<u> </u>	5.5286 ⁽²⁾		,		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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Exec if any	Deemed ution Date, y uth/Day/Year)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		rative rities ired r osed)	Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Inst 3 and 4)		Der Sec	rice of ivative urity tr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Owner Form Director Ind (I) (In	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exer	cisable	Expiration Date	Title	or Number of Shares						

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 \$5.48 to \$5.77. The average weighted price was \$5.5286. 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-

08/23/2022

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.