FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL										
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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

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1. Name and Address of Reporting Person* Cole Jason						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						
																(give title		Other (s		
			- ├─									X	below)		X	below)	specify			
(Last)	(Last) (First) (Middle)						3. Date of Earliest Transaction (Month/Day/Year)							1						
C/O BLI	JEBIRD BI	O INC			02	02/16/2021								Chief Operating and / Legal Officer						
,																				
60 BINNEY STREET						If Amendment, Date of Original Filed (Month/Day/Year)							$\overline{}$	6. Individual or Joint/Group Filing (Check Applicable						
(Ctt)					_ ```	1. Il ranonamoni, bate of original rilea (Month bay/Tear)								Line)						
(Street)														X	Form fi	led by One	Repoi	rting Perso	n I	
CAMBRIDGE MA 02142													Form filed by More than One Reporting							
, o:: \			(:)		-									Person						
(City)	(S	tate)	(Zip)																	
		Tab	le I - N	Non-Deri	vativ	e Sec	curities	s Ac	quire	d, D	isposed o	f, or B	enefic	ially (Owned					
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye					Execution Date,		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 an			Benefic Owned		es ally Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership			
								Code	v	Amount	(A) or (D)	Price		Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)		
Common Stock ⁽¹⁾ 02/16/202					2021	21		Α		13,750	A	\$0.	00	46	16,535		D			
Common Stock ⁽²⁾ 02/16/202				2021	21		Α		2,165	A	\$0.	00	48	48,700		D				
Common Stock 02/17/202				2021	21			S ⁽³⁾		665	D	\$28.10	513(4)	48	48,035		D			
		-	Table I	II - Deriva	ative	Secu	rities	Aca	uired	l. Dis	sposed of,	or Be	neficia	llv O	wned					
											, convertil									
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	if any	on Date, Tran		action Instr.	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration [(Month/Day			7. Title and Am of Securities Underlying Derivative Sect (Instr. 3 and 4)		De	Price of erivative ecurity nstr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	e C s F lly C	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exerci	isable	Expiration Date	Title	Amou or Numb of Share	per						
Stock Option	\$28.44	02/16/2021			A		27,500		(5	5)	02/16/2031	Commo	on 27.5	00	\$0.00	27,500		D		

Explanation of Responses:

- 1. Restricted stock unit awards vest over a four-year period at the rate of 25% on 01/04/2022, 25% on 01/04/2023, 25% on 01/04/2024, and 25% on 01/04/2025.
- 2. Immediately vested restricted stock unit reflecting the equity portion of the reporting person's 2020 performance compensation.
- 3. Shares were sold to cover tax withholding obligations incurred in connection with the vesting of Restricted Stock Units.
- 4. The range in prices for the transaction reported on this line was \$27.97 to \$28.54. The average weighted price was \$28.1613. 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.
- 5. This stock option vests over a four-year period at the rate of 25% on 01/04/2022 and then in 36 equal monthly installments thereafter.

Remarks:

buy)

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

02/18/2021

** 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.