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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Section 16. Form 4 or Form 5	
obligations may continue. See	
Instruction 1(h)	

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* FINGER ALISON CECILY						2. Issuer Name <b>and</b> Ticker or Trading Symbol bluebird bio, Inc. [ BLUE ]									all app Direc	licable)	g Person(s) to Is	Owner
(Last) (First) (Middle) C/O BLUEBIRD BIO, INC. 60 BINNEY STREET				3. Date of Earliest Transaction (Month/Day/Year) 01/07/2020									belov	v) ``	Other (specify below)  Procial Officer			
(Street)  CAMBRIDGE MA 02142  (City) (State) (Zip)					_ 4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person				
		Tak	le I - I	Non-Deriv	<i>r</i> ative	Sec	uritie	s A	cquir	ed, Di	isposed o	f, or E	Benefici	ally C	)wne	ed		
1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Ye				.	Execution Date,			3. Transaction Code (Instr. 8)  4. Securities A Disposed Of (					Sec Ben Owi		ount of ities icially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	
									Code	ode V Amount (A) or (D)		Price	- 1	Reported Transaction(s) (Instr. 3 and 4)			(Instr. 4)	
Common Stock 01/07/202					020	20					1,049(1)	D	\$89.97	12(2)	18,148		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. Conversio or Exercis Price of Derivative Security	e (Month/Day/Year)	Execu	eemed ution Date, th/Day/Year)	4. Transa Code ( 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expi	ate Exer ration D nth/Day/		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)			ivative urity	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date	cisable	Expiration Date	Title	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 \$89.50 to \$90.42. The average weighted price was \$89.9712. 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-Fact 01/09/2020

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.