FORM 4

obligations may continue. See Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549

Check this box if no longer subject to Section 16. Form 4 or Form 5	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP
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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

1. Name and Address of Reporting Person* FINGER ALISON CECILY					2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]									all applicable) Director Officer (give title		10% Owner Other (specify	
(Last) (First) (Middle) C/O BLUEBIRD BIO, INC. 60 BINNEY STREET					3. Date of Earliest Transaction (Month/Day/Year) 01/03/2019									below) below) Chief Commercial Officer			
(Street) CAMBRIDGE MA 02142 (City) (State) (Zip)				_ 4. If	f Amen	dment,	Date	of Orig	inal Fi	led (Month/Da	ay/Year)			Forn Forn	n filed by One n filed by Mor	Reporting Pers	son
	Tabl	e I - N	Non-Deriv	/ative	Sec	uritie	s Ac	quire	ed, D	isposed o	f, or E	Benefic	ially	Owne	ed		
Date			Date	y/Year) Exec		Execution Date, if any		3. Transaction Code (Instr. 8)					nd 5) See Ber Ow		curities neficially vned Following	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		Trans	action(s)		(11150.4)
Common Stock 01/				019	19			S		108(1)	D	\$98.31)8.3142 ⁽²⁾		15,559	D	
Stock			01/03/2	019				S		205(1)	D	\$99.27	734 ⁽³⁾				
Common Stock 01/03/20				019	19			S		115(1)	D	\$100	\$100.32		15,239	D	
	Та	ble II												vned			
Security or Exercise (Month/Day/Year) if any			ition Date,		saction of			Expiration Date (Month/Day/Year)			and 4)		Deriv Secu (Inst	vative ırity	derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
	(Find JEBIRD BING STREET STREE	(First) (JEBIRD BIO, INC. JEY STREET IDGE MA (State) (Table Security (Instr. 3) Stock Stock Stock Table Stock Stock Stock Stock Stock Stock Stock Table Stock	(First) (Middle) JEBIRD BIO, INC. IEY STREET IDGE MA 02142 (State) (Zip) Table I - N Security (Instr. 3) Stock Stock Stock Table II 2. Conversion or Exercise Price of Derivative (Month/Day/Year) [Any Month (Month) Any Month (Month) Any Month (Month) [Any Month (Month) Any Month (Month) [Any Month (Month) Any Month (Month) [Any Month (Month) [(First) (Middle) JEBIRD BIO, INC. IEY STREET IDGE MA 02142 (State) (Zip) Table I - Non-Deriv Security (Instr. 3) 2. Transaction Date (Month/Day/Stock 01/03/2) Stock 01/03/2 Table II - Derivat (e.g., p 2. Table II - Derivat (e.g., p Conversion or Exercise Price of Derivative (Month/Day/Year) [Month/Day/Year]	Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price	(First) (Middle) JEBIRD BIO, INC. IEY STREET Table I - Non-Derivative Sec Gecurity (Instr. 3) Stock O1/03/2019 Stock O1/03/2019 Table II - Derivative Security (e.g., puts, calls, fany (Month/Day/Year) Table II - Derivative Security (e.g., puts, calls, fany (Month/Day/Year) Ode (Instr. 8) A. Deemed Execution Date, if any (Month/Day/Year) IDGE MA O2142 4. If Amen 2. Transaction Date	(First) (Middle) JEBIRD BIO, INC. IEY STREET Table I - Non-Derivative Securities (Month/Day/Year) Stock O1/03/2019 Table II - Derivative Securities (e.g., puts, calls, warr Conversion or Exercise Price of Derivative Security Security (Month/Day/Year) 3. Date of Earlies 01/03/2019 4. If Amendment, 2. Transaction Date (Month/Day/Year) O1/03/2019 Table II - Derivative Securities (e.g., puts, calls, warr Month/Day/Year) 3. Transaction Date (e.g., puts, calls, warr Odde (Instr. Security) (Month/Day/Year) Security (Month/Day/Year) ODerivative Security (Month/Day/Year)	Conversion or Exercise Price of Derivative Security (Month/Day/Year) Code (Instr. 3) Conversion or Exercise Price of Derivative Security (Month/Day/Year) Code (Instr. 3) Code (Instr.	Code Code	Code V Stock O1/03/2019 S Stock	Conversion or Exercise Price of Derivative Conversion or Exercise Conversion or Exercise	Stock O1/03/2019 Stock	Stock O1/03/2019 S O1/03/2019	Check Stock O1/03/2019 Stock O1/03/2019	Disposed of Control (Month/Day/Year) Disposed of Cont	Discord Check all applicable Director Director Officer (give title below) Chief Common Chief Comm	Dilumbir Dilumbir

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 \$98.07 to \$98.845. The average weighted price was \$98.3142. 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.
- 3. The range in prices for the transaction reported on this line was \$99.08 to \$99.805. The average weighted price was \$99.2734. 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/ Jason F. Cole, Attorney-in-01/07/2019 **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.