FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL										
OMB Number:	3235-028									
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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* WENTWORTH KORY JAMES						2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]									eck all applic	ionship of Reporting Pe all applicable) Director Officer (give title below) Principal Account		son(s) to Iss 10% Ov Other (s	wner
						3. Date of Earliest Transaction (Month/Day/Year) 03/02/2020									below)			below)	·
(Street)	Street) CAMBRIDGE MA 02142					4. If Amendment, Date of Original Filed (Month/Day/Year)									ndividual or Joint/Group Filing (Check Applicable e) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
(=-9)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Trans Date (Month/I					action	ar) i	2A. Deemed Execution Date, if any (Month/Day/Year)		3. 4. Se Transaction Disp Code (Instr. 5)		4. Securi	urities Acquired (A) sed Of (D) (Instr. 3, 4			5. Amou Securitie Benefici	unt of 6. Fo ially (D) Following (I)		: Direct r Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
									Code	v	Amount	(A) or (D)		Price	Transact (Instr. 3	tion(s)			(311. 4)
Common Stock ⁽¹⁾ 03a				03/02	2/2020				A		3,900	00 A S		\$0.00	10,3	10,344(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)	3A. Deeme Execution I if any (Month/Day	Date,	4. Transaction Code (Instr. 8)		n of		6. Date Exe Expiration (Month/Da	Date	Amount of		of s ng e Sec	urity	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	Owners Form: Direct (or Indir (I) (Insti	Ownership	Beneficial Ownership ect (Instr. 4)
				[,		v	(A)		Date Exercisabl		xpiration ate	Title	or Nui of	nount mber ares					
Stock Option (right to	\$73.84	03/02/2020			A		7,800		(3)	0	3/02/2030	Common Stock	7,	800	\$0.00	7,800		D	

Explanation of Responses:

- $1. \ Restricted \ stock \ unit \ awards \ vest \ over \ a four-year \ period \ at \ the \ rate \ of \ 25\% \ on \ 01/04/2021, \ 25\% \ on \ 01/04/2022, \ 25\% \ on \ 01/04/2023, \ and \ 25\% \ on \ 01/04/2024.$
- $2.\ 136\ shares\ were\ acquired\ under\ the\ bluebird\ bio,\ Inc.\ employee\ stock\ purchase\ plan.$
- 3. This option vests over a four-year period, at a rate of 25% on 01/04/2021 and in 36 equal monthly installments thereafter.

Remarks:

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

03/04/2020

<u>Fact</u>

** 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.

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