FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549

heck this box if no longer subject to	
ection 16. Form 4 or Form 5	
oligations may continue. See	
atrustian 1/h)	

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL								
OMB Number:	3235-0287							
Estimated average burden								
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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

Name and Address of Reporting Person* Leschly Nick						2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]										5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
<u>Leschiy Wek</u>															X	Director			Owner		
(Last)	(Fi	rst) (Middl	e)	3 [Date of	Farlies	t Tra	nsac	ction (N	/lon	th/Day/Year)			X	Offic	er (give title w)	Othe belov	(specify		
' '	,	,	maar	c)		/07/20			iiioad	011011 (11	,,,,,,,	an Dayr reary				President and CEO			•		
C/O BLUEBIRD BIO, INC. 60 BINNEY STREET																					
OU DININ	ET STREE	.1			4 1	f Amon	dment	Date	a of (Origina	ı Eil	led (Month/D	av/Voar	<u> </u>	6 Indiv	idual o	r loint/Group	Eiling (Check	Annlicable		
(Street)					- 4. '	Amen	umem,	Dail	e oi v	Origina	u m	ieu (Montin/D	ay/ rear	'	6. Individual or Joint/Group Filing (Check Applicable Line)						
CAMBR	IDGE M	Α ()214	2											X	X Form filed by One Reporting Person					
					-											Forn Pers		e than One Re	porting		
(City)	(St	ate) (Zip)													reis	OII				
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																					
a made of decama, (mean of		2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		•,	3. Transaction Code (Instr. 8)		n 0	4. Securities Acquired (A) or Di Of (D) (Instr. 3, 4 and 5)			sposed	Securities Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership				
							Code V		,	Amount	(A) or (D)	Price			action(s) a and 4)		(Instr. 4)				
Common Stock 01/0			01/07/20	19	9			S			4,845(1)	D	\$113.2	.891 ⁽²⁾	1	95,732	D				
Common Stock 01/07/2019				19	,			S			2,529(1)	D	\$114.	306 ⁽³⁾	06 ⁽³⁾ 193,2		D				
Common Stock															1	17,186	I	Nick Leschly 2001 Trust			
		Та	ble	II - Derivat												vned					
				· · · · ·	uts, c	caiis,			<u> </u>	<u> </u>		convertil	_		_						
Derivative Conversion Date Execution Date, T Security or Exercise (Month/Day/Year) if any				ransaction of ode (Instr. Derivative		ative rities ired sed	Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. : and 4)		8. Price of Derivative Security (Instr. 5)		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 Exercisa	able	Expiration Date	Title	Amoun 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 of prices for the transaction reported on this line was \$112.73 to \$113.70. The average weighted price was \$113.2891. The reporting person will provide, upon request by the SEC, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- 3. The range of prices for the transaction reported on this line was \$113.78 to \$114.72. The average weighted price was \$114.306. The reporting person will provide, upon request by the SEC, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.

Remarks:

/s/ Jason F. Cole, Attorney-in-01/09/2019 <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.

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.