bluebird bio, Inc. Form 4 January 23, 2014

### FORM 4

#### **OMB APPROVAL**

UNITED STATES SECURITIES AND EXCHANGE COMMISSION	01
Washington D.C. 20549	Nh

MB 3235-0287 Number:

Expires:

January 31, 2005

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Estimated average burden hours per

response...

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Washington, D.C. 20549

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \* TEPPER ROBERT I

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

bluebird bio, Inc. [BLUE] (First) (Middle) (Last)

3. Date of Earliest Transaction

(Month/Day/Year)

Filed(Month/Day/Year)

01/21/2014

X\_ Director X 10% Owner \_\_Other (specify Officer (give title

(Check all applicable)

C/O THIRD ROCK VENTURES, LLC, 29 NEWBURY STREET, 3RD **FLOOR** 

(State)

(Zip)

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

BOSTON, MA 02116

(City)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any	3. Transaction	4. Securities oner Dispose (Instr. 3, 4	d of (Ľ	<b>)</b> )	5. Amount of Securities Beneficially	6. Ownership Form:	7. Nature of Indirect Beneficial
(,		(Month/Day/Year)	(Instr. 8)	(,	,		Owned	Direct (D)	Ownership
					( )		Following Reported	or Indirect (I)	(Instr. 4)
					(A)		Transaction(s)	(Instr. 4)	
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common						\$			See
Stock	01/21/2014		S	250,000	D	23.91 (1)	2,416,974	I	footnote (2)

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Tit	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	rities	(Instr. 5)	Bene
	Derivative				Securities			(Instr	. 3 and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
									of		
				Code V	(A) (D)				Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
·	Director	10% Owner	Officer	Other		
TEPPER ROBERT I						
C/O THIRD ROCK VENTURES, LLC	X	X				
29 NEWBURY STREET, 3RD FLOOR	Λ	Λ				
BOSTON, MA 02116						

## **Signatures**

/s/ Kevin Gillis by Power of Attorney for Robert I. Tepper, MD

01/23/2014

\*\*Signature of Reporting Person

Date

### **Explanation of Responses:**

- \* 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).
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$23.75 to \$24.35, inclusive. The Reporting Person undertakes to provide to bluebird bio Inc., any security holder of bluebird bio Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
- The shares are directly held by TRV. The general partner of TRV is Third Rock Ventures GP, L.P. ("TRV GP"). The general partner of TRV GP is TRV GP, LLC ("TRV GP LLC") and the Reporting Person is a Manager of TRV GP LLC, as such, each of TRV GP and TRV GP LLC and the Reporting Person exercises shared voting and investment power over the shares held of record by TRV. The Reporting Person disclaims beneficial ownership of the shares except to the extent of his pecuniary interest therein, if any.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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