

bluebird bio, Inc.  
Form 4  
June 26, 2013

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2015  
Estimated average burden hours per response... 0.5

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Mulder Geert-Jan

(Last) (First) (Middle)

C/O COOPERATIVE AAC LS  
U.A., PO BOX 5187

(Street)

NAARDEN, P7 1410 AD

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
bluebird bio, Inc. [BLUE]

3. Date of Earliest Transaction  
(Month/Day/Year)  
06/24/2013

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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 (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	06/24/2013		C		1,155,121 (1)	A	\$ 0
					1,155,121	I	
							See footnote (2)

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

**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 control number.**

SEC 1474  
(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Underlying (Instr. 3 and 4)
						Date Exercisable	Expiration Date	Title
Series A-1 Convertible Preferred Stock	(3)	06/24/2013		C	2,643,906	(3)	(3)	Common Stock
Series A-2 Convertible Preferred Stock	(3)	06/24/2013		C	6,281,095	(3)	(3)	Common Stock
Series B Convertible Preferred Stock	(3)	06/24/2013		C	10,649,408	(3)	(3)	Common Stock
Series C Convertible Preferred Stock	(3)	06/24/2013		C	1,331,416	(3)	(3)	Common Stock
Series D Convertible Preferred Stock	(3)	06/24/2013		C	1,003,411	(3)	(3)	Common Stock
Warrant to Purchase Series A-1 Stock (right to buy)	\$ 0.6619	06/24/2013		J <sup>(4)</sup>	153,699	(5)	11/16/2015	Series A Convertible Preferred Stock
Warrant to Purchase Common (right to buy)	\$ 12.55	06/24/2013		J <sup>(4)</sup>	14,934	(5)	11/16/2015	Common Stock
Warrant to Purchase Series A-1 Stock (right to buy)	\$ 0.6619	06/24/2013		J <sup>(4)</sup>	188,849	(5)	10/26/2016	Series A Convertible Preferred Stock
Warrant to Purchase Common (right to buy)	\$ 12.55	06/24/2013		J <sup>(4)</sup>	9,956	(5)	10/26/2016	Common Stock

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buy)

Warrant to Purchase Series A-1 Stock (right to buy)	\$ 0.6619	06/24/2013	J <sup>(4)</sup>	623,204	<sup>(5)</sup>	05/03/2017	Series A Convertible Preferred Stock
Warrant to Purchase Common (right to buy)	\$ 12.55	06/24/2013	J <sup>(4)</sup>	32,856	<sup>(5)</sup>	05/03/2017	Common Stock
Warrant to Purchase Series A-1 Stock (right to buy)	\$ 0.6619	06/24/2013	J <sup>(4)</sup>	141,637	<sup>(5)</sup>	08/28/2018	Series A Convertible Preferred Stock
Warrant to Purchase Common (right to buy)	\$ 12.55	06/24/2013	J <sup>(4)</sup>	7,467	<sup>(5)</sup>	08/28/2018	Common Stock
Warrant to Purchase Series A-1 Stock (right to buy)	\$ 0.6619	06/24/2013	J <sup>(4)</sup>	141,637	<sup>(5)</sup>	12/18/2018	Series A Convertible Preferred Stock
Warrant to Purchase Common (right to buy)	\$ 12.55	06/24/2013	J <sup>(4)</sup>	7,467	<sup>(5)</sup>	12/18/2018	Common Stock
Warrant to Purchase Series A-1 Stock (right to buy)	\$ 0.6619	06/24/2013	J <sup>(4)</sup>	277,608	<sup>(5)</sup>	04/15/2019	Series A Convertible Preferred Stock
Warrant to Purchase Common (right to buy)	\$ 12.55	06/24/2013	J <sup>(4)</sup>	14,634	<sup>(5)</sup>	04/15/2019	Common Stock
Warrant to Purchase Series B Stock (right to buy)	\$ 0.3262	06/24/2013	J <sup>(6)</sup>	172,440	<sup>(5)</sup>	04/15/2019	Series B Convertible Preferred Stock

