UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934 (Amendment No.)

Filed by the Registrant 🗷			Filed by a party other than the Registrant \Box	
Che	ck th	he appropriate box:		
	Preliminary Proxy Statement			
	Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))			
	Def	Definitive Proxy Statement		
X	Def	efinitive Additional Materials		
□ So		liciting Material Pursuant to §240.14a-12		
			bluebird bio, Inc.	
			(Name of Registrant as Specified In Its Charter)	
			(Name of Person(s) Filing Proxy Statement, if Other Than The Registrant)	
Pay	nent	t of Filing Fee (Check the ap	ppropriate box):	
X	No :	No fee required.		
	Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.			
	(1)	Title of each class of secur	ities to which transaction applies:	
	(2)	Aggregate number of secur	rities to which transaction applies:	
	(3)	Per unit price or other under calculated and state how it	erlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee i was determined):	
	(4)	Proposed maximum aggreg	gate value of transaction:	
	(5)	Total fee paid:		
	Fee	Fee paid previously with preliminary materials.		
			e is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid as filing by registration statement number, or the Form or Schedule and the date of its filing.	
	(1)	Amount Previously Paid:		
	(2)	Form, Schedule or Registra	ation Statement No.:	
	(3)	Filing Party:		
	(4)	Date Filed:		

*** Exercise Your Right to Vote ***

Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting to Be Held on June 8, 2017.

BLUEBIRD BIO INC.



Meeting Information

Meeting Type: Annual Meeting
For holders as of: April 13, 2017
Date: June 8, 2017 Time: 8:30 AM EDT
Location: The offices of bluebird bio

60 Binney Street
Cambridge, Massachusetts 02142

You are receiving this communication because you hold shares in the company named above.

This is not a ballot. You cannot use this notice to vote these shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. You may view the proxy materials online at www.proxyvote.com or easily request a paper copy (see reverse side).

We encourage you to access and review all of the important information contained in the proxy materials before voting.

See the reverse side of this notice to obtain proxy materials and voting instructions.

How to Access the Proxy Materials

Proxy Materials Available to VIEW or RECEIVE:

2. FORM 10-K 1. NOTICE AND PROXY STATEMENT

How to View Online:

Have the information that is printed in the box marked by the arrow XXXX XXXX XXXX XXXX (located on the following page) and visit: www.proxyvote.com.

How to Request and Receive a PAPER or E-MAIL Copy:

If you want to receive a paper or e-mail copy of these documents, you must request one. There is NO charge for requesting a copy. Please choose one of the following methods to make your request:

1) BY INTERNET: www.proxyvote.com

2) BY TELEPHONE: 1-800-579-1639

3) BY E-MAIL*: sendmaterial@proxyvote.com

* If requesting materials by e-mail, please send a blank e-mail with the information that is printed in the box marked by the arrow XXXX XXXX XXXX XXXX (located on the following page) in the subject line.

Requests, instructions and other inquiries sent to this e-mail address will NOT be forwarded to your investment advisor. Please make the request as instructed above on or before May 25, 2017 to facilitate timely delivery.

— How To Vote — Please Choose One of the Following Voting Methods

Vote In Person: Many stockholder meetings have attendance requirements including, but not limited to, the possession of an attendance ticket issued by the entity holding the meeting. Please check the meeting materials for any special requirements for meeting attendance. At the meeting, you will need to request a ballot to vote these shares.

Vote By Internet: To vote now by Internet, go to www.proxyvote.com. Have the information that is printed in the box XXXX XXXX XXXX (located on the following page) available and follow the instructions.

Vote By Mail: You can vote by mail by requesting a paper copy of the materials, which will include a proxy card.

Voting Items

The Board of Directors recommends you vote FOR the following:

1. Election of Class I Directors

Nominees:

- 1a. Nick Leschly
- 1b. Mark Vachon
- 2. To hold an advisory vote on executive compensation paid to the Company's named executive officers;
- To ratify the appointment of Ernst & Young LLP as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2017; and
- 4. To transact any other business that may properly come before the meeting or any adjournment thereof.