# 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. )

File	ed by 1	Registrant $oxine$ Filed by a party other than the Registrant $oxine$
Che	eck th	appropriate box:
	Preli	inary Proxy Statement
	Con	dential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
	Defi	tive Proxy Statement
X	Defi	tive Additional Materials
	Soli	ing 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	yment	Filing Fee (Check the appropriate box):
X	No f	required.
	Fee	mputed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
	(1)	itle of each class of securities to which transaction applies:
	(2)	ggregate number of securities to which transaction applies:
	(3)	er unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is alculated and state how it was determined):
	(4)	roposed maximum aggregate value of transaction:
	(5)	otal fee paid:
	Fee	id previously with preliminary materials.
		box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid usly. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
	(1)	mount Previously Paid:
	(2)	orm, Schedule or Registration Statement No.:
	(3)	ling Party:
	(4)	ate Filed:

# \*\*\* Exercise Your Right to Vote \*\*\* nt Notice Regarding the Availability of Proxy Materials for

Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting to Be Held on June 20, 2018

BLUEBIRD BIO, INC.



#### **Meeting Information**

Meeting Type: Annual Meeting For holders as of: April 23, 2018

Date: June 20, 2018 Time: 8:30 AM EDT

Cambridge, Massachusetts 02142

Location: The offices of bluebird bio 60 Binney Street

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

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.

## Before You Vote -

How to Access the Proxy Materials

Proxy Materials Available to VIEW or RECEIVE:

1. Notice & Proxy Statement 2. Form 10-K 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

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

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 June 06, 2018 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 marked by the arrow - xxxx xxxx xxxx xxxx 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.

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### Voting items

#### The Board of Directors recommends you vote FOR the following:

1. Election of Class II Directors

#### Nowinees

- 1a. John O. Agwunobi, M.D.
- 1b. Mary Lynne Hedley, Ph.D
- 1c. Daniel S. Lynch
- 2. To hold a non-binding advisory vote on the compensation paid to the Company's named executive officers.
- To ratify the appointment of Ernst 8 Young LLP as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2018.

NOTE: To transact any other business that may properly come before the meeting or any adjournment thereof.

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