

Gregory Philip D  
 Form 4  
 September 07, 2018

**FORM 4**

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

OMB APPROVAL

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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 \*  
 Gregory Philip D

(Last) (First) (Middle)

C/O BLUEBIRD BIO, INC., 60  
 BINNEY STREET

(Street)

CAMBRIDGE, MA 02142

(City) (State) (Zip)

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

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 09/05/2018

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)

Chief Scientific Officer

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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
|                                 |                                      |  | Code                           | V   | Amount  | (D)  | Price   |
| Common Stock                    | 09/05/2018                           |  | M                              |   | 600   | A  | \$ 50.51  |
| Common Stock                    | 09/05/2018                           |  | M                              |   | 700   | A  | \$ 75.6   |
| Common Stock                    | 09/05/2018                           |  | S <sup>(1)</sup>               |   | 777   | D  | \$ 161.8295   |
| Common Stock                    | 09/05/2018                           |  | S <sup>(1)</sup>               |   | 510   | D  | \$ 162.9039   |
|                                 | 09/05/2018                           |  | S <sup>(1)</sup>               |   | 213   | D  |   |

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|              |            |  |                  |     |     |            |        |   |
|--------------|------------|--|------------------|-----|-----|------------|--------|---|
| Common Stock |            |  |                  |     | \$  | 164.0317   |        |   |
|              |            |  |                  |     | (4) |            |        |   |
| Common Stock | 09/05/2018 |  | S <sup>(1)</sup> | 200 | D   | \$ 165.275 | 31,971 | D |
|              |            |  |                  |     |     | (5)        |        |   |
| Common Stock | 09/05/2018 |  | S <sup>(1)</sup> | 100 | D   | \$ 166.25  | 31,871 | D |

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

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

| 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 Amount of Underlying Securities (Instr. 3 and 4) | 8. Price or Value of Underlying Securities (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|---|
| Stock Option (right to buy)                | \$ 50.51   | 09/05/2018                           |  | M                              | 600   | (6) 03/01/2026   | Common Stock 600  | \$  |
| Stock Option (right to buy)                | \$ 75.6  | 09/05/2018                           |  | M                              | 700   | (7) 02/01/2027   | Common Stock 700  | \$  |

## Reporting Owners

| Reporting Owner Name / Address                                 | Relationships |           |                          |       |
|--|---------------|-----------|--------------------------|-------|
|  | Director      | 10% Owner | Officer                  | Other |
| Gregory Philip D<br>C/O BLUEBIRD BIO, INC.<br>60 BINNEY STREET |               |           | Chief Scientific Officer |       |

