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| OMB APPROVAL | |
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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|---|---|--|
| 1. Name and Address of Reporting Person* <u>Smith Alan K.</u> (Last) (First) (Middle) C/O BELLICUM PHARMACEUTICALS, INC. 2130 W. HOLCOMBE BLVD., STE. 800 (Street) HOUSTON TX 77030 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>BELLICUM PHARMACEUTICALS, INC</u> [BLCM] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP, Technical Operations</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>01/02/2019</u> | |
| 4. If Amendment, Date of Original Filed (Month/Day/Year) | | |

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 | (A) or (D) | Price | | | |
| Common Stock | 01/02/2019 | | M | | 2,344 | A | (1) | 4,431 | D | |
| Common Stock | 01/02/2019 | | F(2) | | 883 | D | \$3.33 | 3,548 | D | |
| Common Stock | 01/03/2019 | | M | | 1,562 | A | (1) | 5,110 | D | |
| Common Stock | 01/03/2019 | | F(3) | | 589 | D | \$3.2 | 4,521 | D | |

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 Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|-------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | | | | | | Title |
| Restricted Stock Units | (1) | 01/02/2019 | | M | | 2,344 | | (4) | (4) | Common Stock | 2,344 | \$0 | 7,031 | D | |
| Restricted Stock Units | (1) | 01/03/2019 | | M | | 1,562 | | (5) | (5) | Common Stock | 1,562 | \$0 | 3,125 | D | |

Explanation of Responses:

- Each Restricted Stock Unit (the "RSU") represents a contingent right to receive one share of the Issuer common stock.
- Represents the number of shares withheld by and surrendered to the Issuer on January 2, 2019, to satisfy tax withholding obligations that arose in connection with the vesting of the RSUs granted to the reporting person on January 2, 2018 for 9,375 shares.
- Represents the number of shares withheld by and surrendered to the Issuer on January 3, 2019, to satisfy tax withholding obligations that arose in connection with the vesting of the RSUs granted to the reporting person on January 3, 2017 for 6,250 shares.
- The RSUs vest in four equal annual installments beginning on January 2, 2019.
- The RSUs vest in four equal annual installments beginning on January 3, 2018.

Remarks:

EXHIBIT LIST: EX-24 Power of Attorney

/s/ Rosemary Y. Williams, 01/04/2019
Attorney-in-Fact

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.

POWER OF ATTORNEY

Know all, by these presents, that the undersigned hereby constitutes and appoints each of Richard A. Fair, Rosemary Y. Williams and Shane M. Ward, signing individually, the undersigned's true and lawful attorneys-in-fact (1) execute for and on behalf of the undersigned, an officer, director or holder of 10% or more of a registered class of securities of Bellicum Pharmaceuticals, Inc. (the "Company"), Forms 3, 4 and 5 in accordance with (2) do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to complete and execute such Form 3, 4 or 5, complete and execute any amendment or amendments thereto, and to (3) take any other action of any nature whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit, in the best interest of, or legally required by, the undersigned, it being the intent of the undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights hereinbefore granted. This Power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in the securities of the Company and (b) the undersigned shall have died. IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 24th day of July, 2018.

/s/ Alan K. Smith, Ph.D.
(Signature)
Alan K. Smith, Ph.D.
(Print Name)

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