

FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | |
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ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

- Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
- Form 3 Holdings Reported.
- Form 4 Transactions Reported.

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

| | | | | | | | | |
|--|---------|----------|---|--|--|--|--|--|
| 1. Name and Address of Reporting Person* SEGALL JUDITH | | | 2. Issuer Name and Ticker or Trading Symbol BIOTIME INC [BTX] | | | 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) Vice President & Secretary | | |
| (Last) | (First) | (Middle) | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2016 | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person | | |
| 1010 ATLANTIC AVENUE SUITE 102 | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | |
| (Street) ALAMEDA CA 94501 | | | | | | | | |
| (City) (State) (Zip) | | | | | | | | |

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 at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|------------|--------|--|--|--|
| | | | | Amount | (A) or (D) | Price | | | |
| Common Shares, no par value | 04/06/2016 | | G | 1,900 ⁽¹⁾ | D | \$3.25 | 591,245 ⁽²⁾ | 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) |
|--|--|--------------------------------------|--|--------------------------------|--|-----|--|-----------------|---|--|--|---|--|
| | | | | | (A) | (D) | Date Exercisable | Expiration Date | | | | | |
| Option to Purchase Common Shares | \$2.5 | | | | | | (3) | 01/19/2026 | Common Shares | 25,000 | 25,000 | D | |
| Option to Purchase Common Shares | \$4.23 | | | | | | (4) | 03/02/2025 | Common Shares | 50,000 | 50,000 | D | |
| Option to Purchase Common Shares | \$3.51 | | | | | | (5) | 03/19/2021 | Common Shares | 50,000 | 50,000 | D | |
| Option to Purchase Common Shares | \$4.22 | | | | | | (6) | 02/19/2020 | Common Shares | 50,000 | 50,000 | D | |

Explanation of Responses:

- On April 6, 2016, Ms. Segall gifted 1,900 common shares to a charitable organization.
- Does not include shares that may be acquired upon the exercise of certain stock options.
- One quarter of the options shall vest on January 19, 2017 and the balance shall vest in 36 monthly installments thereafter upon the completion of each month of continuous employment.
- One quarter of the options vested on March 2, 2016 and the balance shall vest in 36 monthly installments thereafter upon the completion of each month of continuous employment.
- 1/48th of the number of options will vest and become exercisable at the end of each full month of employment after March 20, 2014.
- 1/48th of the number of options vested and became exercisable at the end of each full month of employment after January 1, 2013.

Remarks:

/s/Judith Segall 02/14/2017
** 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.