

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).

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

| OMB APPROVAL | |
|--|-----------|
| OMB Number: | 3235-0287 |
| Estimated average burden hours per response: | 0.5 |

| | | |
|--|---|--|
| 1. Name and Address of Reporting Person* <u>SEGALL JUDITH</u> (Last) (First) (Middle) <u>1301 HARBOR BAY PARKWAY</u> (Street) <u>ALAMEDA CA 94502</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>BIOTIME INC [BTX]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Vice President & Secretary</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>11/19/2010</u> | |
| | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 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 |

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 Shares, no par value | 11/19/2010 | | S | | 7,600 | D | \$7.473 ⁽¹⁾ | 539,943 ⁽²⁾ | D | |
| Common Shares, no par value | 11/22/2010 | | S | | 17,400 | D | \$7.5223 ⁽³⁾ | 522,543 ⁽²⁾ | D | |
| Common Shares, no par value | 11/23/2010 | | S | | 2,128 | D | \$7.6976 ⁽⁴⁾ | 520,415 ⁽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) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | | | | | |
| Option to Purchase Common Shares | \$0.32 | | | | | | | 11/24/2006 | 11/23/2011 | Common Shares | 80,000 | 80,000 | D | |

Explanation of Responses:

- The price of \$7.4730 per share represents a weighted average of sales prices ranging from \$7.45 to \$7.4950 per share. The reporting person undertakes to provide upon request by the Commission staff, the issuer, or a security holder of the issuer, full information regarding the number of shares purchased or sold at each separate price.
- Includes 23,750 shares acquired through a warrant exercise at \$1.818 per share on August 18, 2010; 21,586 shares acquired through a warrant exercise at \$2.00 per share on November 1, 2010; and 125,000 shares acquired through an option exercise at \$2.00 per share on November 5, 2010. Does not include shares that may be acquired upon the exercise of certain stock options.
- The price of \$7.5223 per share represents a weighted average of sales prices ranging from \$7.4592 to \$7.57 per share. The reporting person undertakes to provide upon request by the Commission staff, the issuer, or a security holder of the issuer, full information regarding the number of shares purchased or sold at each separate price.
- The price of \$7.6976 per share represents a weighted average of sales prices ranging from \$7.68 to \$7.72 per share. The reporting person undertakes to provide upon request by the Commission staff, the issuer, or a security holder of the issuer, full information regarding the number of shares purchased or sold at each separate price.

Remarks:

/s/ Judith Segall 11/23/2010
 ** 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.