

MERIDIAN BIOSCIENCE INC
 Form 4
 July 26, 2007

FORM 4

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

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 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 *
LUEKE MELISSA

2. Issuer Name and Ticker or Trading Symbol
MERIDIAN BIOSCIENCE INC [VIVO]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
3471 RIVER HILLS DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
07/24/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 VP, CFO

CINCINNATI, OH 45244

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

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 | 07/24/2007 | | M | | 2,813 | A | \$ 2.8 | 68,828 | D | |
| Common Stock | 07/24/2007 | | M | | 10,500 | A | \$ 4.525 | 79,328 | D | |
| Common Stock | 07/24/2007 | | M | | 5,250 | A | \$ 7.28 | 84,578 | D | |
| Common Stock | 07/24/2007 | | S | | 9,563 | D | \$ 22.95 | 75,015 | D | |
| Common Stock | 07/24/2007 | | S | | 5,000 | D | \$ 22.9561 | 70,015 | D | |

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|--------------|------------|---|-------|---|------------|--------|---|
| Common Stock | 07/24/2007 | S | 4,000 | D | \$ 22.9753 | 66,015 | D |
| Common Stock | 07/25/2007 | G | 750 | D | \$ 0 | 65,265 | D |

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

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 control number.

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(9-02)

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) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| | | | | Code | V (A) (D) | Date Exercisable Expiration Date | Title Amount or Number of Shares |
| Stock Options (Right to buy) | \$ 2.8 | 07/24/2007 | | M | 2,813 | 12/31/2003 11/19/2012 | Common Stock 2,813 |
| Stock Options (Right to buy) | \$ 4.525 | 07/24/2007 | | M | 10,500 | (1) 12/02/2013 | Common Stock 10,500 |
| Stock Options (Right to buy) | \$ 7.28 | 07/24/2007 | | M | 5,250 | (2) 12/07/2014 | Common Stock 5,250 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| LUEKE MELISSA 3471 RIVER HILLS DRIVE CINCINNATI, OH 45244 | | | VP, CFO | |

Signatures

Melissa Lueke

07/26/2007

**Signature of
Reporting Person

Date

Explanation of Responses:

- * 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).
- (2) These non-qualified stock options are granted under the Company's 2004 Equity Compensation Plan and vest in three annual installments of 5,250 shares that began on November 10, 2006.
- (1) These stock options were granted under the Company's 1996 Stock Option Plan and vest in three annual installments of 5,250 shares that began on November 17, 2005.

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

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