

ORGANOVO HOLDINGS, INC.
Form 4
August 30, 2013

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 *
Murphy Keith

2. Issuer Name and Ticker or Trading Symbol
ORGANOVO HOLDINGS, INC.
[ONVO]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

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

Director 10% Owner
 Officer (give title below) Other (specify below)

Chairman, CEO and President

6275 NANCY RIDGE DRIVE,
SUITE 110

08/28/2013

(Street)

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

SAN DIEGO, CA 92121

(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 Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount or Price | | |
| Common Stock | 08/28/2013 | | A | | 100,000 | A | Ⓛ 6,556,402 D |
| Common Stock | 08/28/2013 | | F | | 54,654 (2) | D | \$ 6,501,748 D |

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

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(9-02)

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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) | | | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|------------------|-----------------|--------------|----------------------------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Stock Option (Right to Buy) ⁽³⁾ | \$ 5.6 | 08/28/2013 | | A | 54,654 | 08/28/2013 | 08/28/2023 | | | Common Stock | 54,654 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-----------------------------|
| | Director | 10% Owner | Officer | Other |
| Murphy Keith 6275 NANCY RIDGE DRIVE, SUITE 110 SAN DIEGO, CA 92121 | X | | | Chairman, CEO and President |

Signatures

/s/ Keith
Murphy
08/30/2013
Date

**Signature of Reporting Person

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).
- In August 2012, Mr. Murphy received a grant of performance-based restricted stock units for 200,000 shares of the Issuer's Common Stock, with 25% of the shares vesting upon the achievement of each of four specific performance milestones prior to December 31, 2014.
- (1) On August 28, 2013, the Compensation Committee of the Issuer's Board of Directors determined that, as a result of the Issuer (i) qualifying to list its shares of Common Stock on the NYSE MKT and (ii) completing an equity financing in August 2013, Mr. Murphy had achieved two of the four performance milestones and had vested in 100,000 shares.
 - (2) The shares were withheld at the election of the Reporting Person to satisfy tax withholding obligations in connection with the partial vesting of performance-based restricted stock units granted in August 2012.
 - (3) The option was automatically issued pursuant to the terms of the Reporting Person's Equity Incentive Award Agreement issued in August 2012.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.