

ORGANOVO HOLDINGS, INC.  
 Form 5  
 July 09, 2015

**FORM 5**

**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).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
 Presnell Sharon Collins

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. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 03/31/2015

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 EVP, Research & Dev & CTO

6275 NANCY RIDGE DRIVE,  
 SUITE 110

(Street)

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

6. Individual or Joint/Group Reporting

(check applicable line)

SAN DIEGO, CA 92121

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

(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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|--|--|-----------------------------------|
| Common Stock                    | 09/10/2014                           | Â  | G5 <sup>(1)</sup>              | 5,000 D \$ 0  | 69,064 <sup>(2)</sup>  | D  | Â                                 |

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

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SEC 2270 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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| 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) | 8. Price of Derivative Security (Instr. 5) | 9. Price of Underlying Security (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|  |  |                                      |  |                                | (A) (D)   | Date Exercisable Expiration Date                         | Title or Number of Shares                                     |  |  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                             |       |
|---|---------------|-----------|-----------------------------|-------|
|   | Director      | 10% Owner | Officer                     | Other |
| Presnell Sharon Collins<br>6275 NANCY RIDGE DRIVE, SUITE 110<br>SAN DIEGO, CA 92121 | Å             | Å         | Å EVP, Research & Dev & CTO | Å     |

## Signatures

/s/ Sharon Collins  
Presnell 07/09/2015

\*\*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).

- (1) This transaction was solely a charitable contribution by the Reporting Person.
- (2) This number does not include 1,182,192 shares of common stock underlying outstanding options held by Dr. Presnell; post-transaction Dr. Presnell continues to beneficially own or have a right to acquire 1,251,256 shares of common stock.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.