SEC Form 4

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FORM 4

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

OMB APPROVAL

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

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

1. Name and Address of Reporting Person [*] <u>Presnell Sharon Collins</u>	2. Issuer Name and Ticker or Trading Symbol <u>ORGANOVO HOLDINGS, INC.</u> [ONVO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner
(Last) (First) (Middle) 6275 NANCY RIDGE DRIVE, SUITE 110	3. Date of Earliest Transaction (Month/Day/Year) 03/12/2015	X Officer (give title Other (specify below) EVP, Research & Dev & CTO
(Street) SAN DIEGO CA 92121	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) X 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

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1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)		(1130. 4)			
Common Stock	03/12/2015		М		50,000 ⁽¹⁾	Α	\$0.08	74 ,0 64 ⁽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. Transa Code (8)		of Deri Seci Acq (A) o Disp of (E	umber vative urities uired or oosed o) (Instr. and 5)	6. Date Exerc Expiration Da (Month/Day/Y	ate	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	Title	Amount or Number of Shares				
Stock Option (Right to Buy)	\$0.08	03/12/2015		М			50,000	(3)	10/13/2021	Common Stock	50,000	\$0	622,192	D	

Explanation of Responses:

1. Represents shares acquired pursuant to the exercise of a previously granted stock option.

2. This number does not include 1,052,192 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 1.126,256 shares of common stock.

3. 25% of the option shares vest and become exercisable on May 2, 2012 and the remaining shares vest in 3 equal annual installments thereafter.

/s/ Sharon Collins Presnell

** Signature of Reporting Person

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.

03/16/2015

Date