## SEC Form 5

# FORM 5

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

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL **OWNERSHIP** 

OMB APPROVAL OMB Number:

Estimated average burden hours per response:

Form 4 Transacti	ons Reported.	Filed	d pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940									
1. Name and Addres <u>Murphy Keitl</u>	ss of Reporting Perso <u>1</u>	n*	2. Issuer Name <b>and</b> Ticker or Trading Symbol ORGANOVO HOLDINGS, INC. [ ONVO ]		tionship of Reporting Person all applicable) Director	n(s) to Issuer 10% Owner						
(Last) 6275 NANCY R	(First) IDGE DRIVE, SU	(Middle) JITE 110	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 03/31/2017		Officer (give title below)	Other (specify below)						
(Street) SAN DIEGO (City)	CA (State)	92121 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	idual or Joint/Group Filing ( Form filed by One Report Form filed by More than C Person	ing 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/Dav/Year)	3. Transaction Code (Instr.	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at end of	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial Ownership	
			(MONTINDay/Year)	8)	Amount	(A) or (D)	Price	Issuer's Fiscal Year (Instr. 3 and 4)		(Instr. 4)
Common Stock		02/14/2017		<b>G</b> <sup>(1)</sup>	19,000	D	\$0.00	6,019,173 <sup>(2)</sup>	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)	n of		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)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. This transaction represents charitable contributions by the Reporting Person.

2. This number does not include 1,831,454 shares of common stock underlying outstanding options held by Mr. Murphy; post-transaction Mr. Murphy continues to beneficially own or have a right to acquire 7,850,627 shares of common stock.

#### **Remarks:**

### /s/ Keith Murphy

\*\* 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.

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05/09/2017

Date