SEC	Form	4
-----	------	---

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

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

		Table I - Non-D	erivative Securities Acquired, Disposed of, or Benef	icially (Owned				
(City)	(State)	(Zip)	—		Form filed by More that Person	an One Reporting			
(Street) SAN DIEGO	СА	92121	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Filir Form filed by One Rej				
(Last) (Eirst) (Middle)		()	3. Date of Earliest Transaction (Month/Day/Year) 06/04/2015	- x	Director Officer (give title below) CSO & EVP Pre-	10% Owner Other (specify below) Clinical Dev			
1. Name and Addre	ess of Reporting	Person [*]	2. Issuer Name and Ticker or Trading Symbol ORGANOVO HOLDINGS, INC. [ONVO]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
			or Section 30(h) of the Investment Company Act of 1940						

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	Date (Month/Day/Year)	if any	3. Transa Code (8)					5. Amount of Securities Beneficially Owned Following Reported	(D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(Instr. 4)

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)		Derivative		6. Date Exerc Expiration Day (Month/Day/)	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	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		Transaction(s) (Instr. 4)		
Stock Option (Rignt to Buy) ⁽¹⁾	\$4.92	06/04/2015		A		130,000		(2)	06/04/2025	Common Stock	130,000	\$0.00	130,000	D	

Explanation of Responses:

1. Annual long-term equity award approved by the Compensation Committee of the Issuer's Board of Directors.

2. 25% of the option shares vest and become exercisable on June 4, 2016 and the remaining shares vest in 12 equal quarterly installments thereafter.

Remarks:

/s/ Eric David

** Signature of Reporting Person

06/08/2015 Date

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.