SEC	Form	4
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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 or Section 30(h) of the Investment Company Act of 1940 OMB APPROVAL
OMB Number: 3235-0287
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			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer					
1. Name and Address of Reporting Person*		Person	ORGANOVO HOLDINGS, INC. [ONVO]	(Check all applicable)					
Bush Jennife	<u>r</u>			Director 10% Owner					
(Last)	(Firct)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	X Officer (give title Other (specify below)					
			06/04/2015	General Counsel					
6275 NANCY	RIDGE DRIVI	E, SUITE 110							
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)					
SAN DIEGO	CA	92121		X Form filed by One Reporting Person					
				Form filed by More than One Reporting					
				Person					
(City)	(State)	(Zip)							

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. Transa Code (8)		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)

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

	(0.9.) parts, come, come, come, come, and coordinately														
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 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)	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		(Instr. 4)		
Stock Option (Rignt to Buy) ⁽¹⁾	\$4.92	06/04/2015		A		125,000		(2)	06/04/2025	Common Stock	125,000	\$0.00	125,000	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/ Jennifer Bush

06/08/2015

** Signature of Reporting Person

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.