## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington D.C. 20549

Washington, D.C. 20549
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STATEMENT	OF (	CHANGES	IN BENEFICIA	AL.	OWNERSHIP
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	OMB APPRI	OVAL
0	MB Number:	3235-0287
E	stimated average bur	den
ho	ours per response:	0.5

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

Filed 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 Address of Reporting Person* <u>David Eric</u>						2. Issuer Name <b>and</b> Ticker or Trading Symbol ORGANOVO HOLDINGS, INC. [ ONVO ]									heck all ap Dire	plicable) ctor		Owner	
(Last) (First) (Middle) 6275 NANCY RIDGE DRIVE, SUITE 110						3. Date of Earliest Transaction (Month/Day/Year) 11/16/2016									^ belo			er (specify w) Dev	
(Street) SAN DIE (City)			)2121 Zip)		4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Lir	ne) X For For	ual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person			
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3)  2. Transact Date (Month/Day						Execution Date,		3. Transaction Code (Instr. 8)  4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4				5) Secu Bene	ficially ed Following	6. Ownership Form: Direct (D) or Indirec (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
								Code	v	Amount	(A) (D)	or	Price	Trans	saction(s) . 3 and 4)		(11150.4)		
Common Stock 11/16/2					2016				F	F 1,745 <sup>(1)</sup> D \$3		\$3.25	94 70	03,356 <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)	erivative Conversion Date Execution Date, ecurity or Exercise (Month/Day/Year) if any		n Date,	4. Transa Code ( 8)			6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Expiration Date Expiration Date		Amount of Securities Underlying Derivative Security (Instr. and 4)		ount	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownershi Form: Direct (D) or Indirec (I) (Instr. 4	Beneficial Ownership (Instr. 4)				

## **Explanation of Responses:**

- 1. Represents the mandatory sale of shares to satisfy the Reporting Person's tax withholding obligations, in connection with the partial vesting and settlement of restricted stock units granted in July 2016, pursuant to the Reporting Person's agreement with the Issuer.
- 2. This number does not include 1,070,000 shares of common stock underlying outstanding options held by Dr. David; post-transaction Dr. David continues to beneficially own or have a right to acquire 1,773,356 shares of common stock.

## Remarks:

/s/ Eric David

\*\* Signature of Reporting Person Date

11/18/2016

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

- $^{\star}$  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.