STERN ADAM K Form 3/A April 13, 2012

FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

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

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement ORGANOVO HOLDINGS, INC. [ONVO.PK] STERN ADAM K (Month/Day/Year) 03/13/2012 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) SPENCER TRASK, 750 03/13/2012 (Check all applicable) THIRD AVENUE 11TH FLOOR (Street) 6. Individual or Joint/Group 10% Owner _X_ Director Officer Other Filing(Check Applicable Line) (give title below) (specify below) _X_ Form filed by One Reporting Person NEW YORK, NYÂ 10017 Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Â Common Stock D 741,395 (1) By Pavilion Capital Partners, Ι Common Stock 211,827 LLC (2) By Piper Venture Partners, LLC Common Stock 132,392 Ι By ST Neuroscience Partners, Common Stock I 158,870 LLC (2)

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Security Direct (I or Indirect Shares (I)	Security: Direct (D) or Indirect (I) (Instr. 5)		
Warrant (right to purchase)	02/08/2012	10/18/2016	Common Stock	360,000	\$ 1	D	Â

Reporting Owners

Reporting Owner Name / Address		Relationships			
	Director	10% Owner	Officer	Other	
STERN ADAM K					
SPENCER TRASK	ÂΧ	Â	Â	Â	
750 THIRD AVENUE 11TH FLOOR					
NEW YORK, NY 10017					

Signatures

Adam Stern 04/12/2012

**Signature of Date
Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).
- (1) The amount of these shares were reported incorrectly on the Reporting Person's original Form 3.
- The Reporting Person disclaims beneficial ownership of the Issuer's securities held indirectly for purposes of Section 16, except to the extent of his pecuniary interest therein, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of such securities for the purpose of Section 16 or for any other purpose.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to 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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