

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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>Cohen Douglas Jay</u> _____ (Last) (First) (Middle) 440 STEVENS AVENUE, SUITE 200 _____ (Street) SOLANA CA 92075 BEACH _____ (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ORGANOVO HOLDINGS, INC. [ONVO]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 08/17/2021	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			
Common Stock	08/17/2021		P		8,750	A	\$6.7244 ⁽¹⁾	10,000 ⁽²⁾	D	
Common Stock	08/17/2021		P		1,000	A	\$6.7379 ⁽³⁾	1,000	I	By son
Common Stock	08/17/2021		P		1,000	A	\$6.7198	1,000	I	By daughter

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)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)
				Code	V		Date Exercisable	Expiration Date					

Explanation of Responses:

- The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$6.705 to \$6.74, inclusive. The Reporting Person undertakes to provide upon request by the staff of the Securities and Exchange Commission, the Issuer or a security holder of the Issuer full information regarding the number of shares purchased at each separate price.
- The Reporting Person previously reported holding 25,000 shares of the Issuer's common stock, but this was adjusted to 1,250 shares of the Issuer's common stock to reflect the 1-for-20 reverse stock split that occurred on August 18, 2020.
- The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$6.725 to \$6.74, inclusive. The Reporting Person undertakes to provide upon request by the staff of the Securities and Exchange Commission, the Issuer or a security holder of the Issuer full information regarding the number of shares purchased at each separate price.

Remarks:

/s/ Tom Jurgenson, attorney-in-fact 08/19/2021

** 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.