ORGANOVO HOLDINGS, INC. Form SC TO-I/A December 05, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

AMENDMENT NO. 2 TO

SCHEDULE TO

TENDER OFFER STATEMENT UNDER SECTION 14(d)(1) OR 13(e)(1)

OF THE SECURITIES EXCHANGE ACT OF 1934

ORGANOVO HOLDINGS, INC.

(Name of Subject Company (Issuer) and Filing Person (Offeror))

WARRANTS TO PURCHASE COMMON STOCK

(Title of Class of Securities)

68620A 104

(CUSIP Number of Common Stock Underlying Warrants)

Keith Murphy

Chief Executive Officer and President

6275 Nancy Ridge Drive

San Diego, California 92121

Phone: (858) 550-9994

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications on Behalf of Filing Person)

WITH COPY TO:

Jeff Thacker, Esq.

DLA Piper LLP (US)

4365 Executive Drive, Suite 1100

San Diego, California 92121

Tel: (858) 677-1400

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CALCULATION OF FILING FEE:

Transaction valuation(1)

Amount of filing fee(1)(2) \$4.652

\$34,100,681

- (1) Estimated for purposes of calculating the amount of the filing fee only. An offer to amend and exercise warrants to purchase an aggregate of 14,510,928 shares of common stock (the **Offer to Amend and Exercise**), including: (i) outstanding warrants to purchase 1,500,000 shares of the Company's common stock issued to investors participating in the Company's bridge financing completed in November 2011; (ii) outstanding warrants to purchase 11,653,678 shares of the Company's common stock issued to investors participating in the Company's private placement financings closed on February 8, 2012, February 29, 2012 and March 16, 2012; and (iii) outstanding warrants to purchase 1,357,250 shares of the Company's common stock issued to investors in the Company's private placement transactions completed in 2011. The transaction value is calculated pursuant to Rule 0-11 using \$2.35 per share of common stock, which represents the average of the high and low sales price of the common stock on November 13, 2012.
- (2) Calculated by multiplying the transaction value by 0.0001364.
- x Check the box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number or the Form or Schedule and the date of its filing.

Amount Previously Paid: \$4,652 Form or Registration Number: 005-86817 Filing Party: Organovo Holdings, Inc. Date Filed: November 16, 2012

" Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer. Check the appropriate boxes below to designate any transactions to which the statement relates:

	third party tender offer subject to Rule 14d-1.
X	issuer tender offer subject to Rule 13e-4.
	going private transaction subject to Rule 13e-3.
" amendment to Schedule 13D under Rule 13d-2. Check the following box if the filing is a final amendment reporting the results of a tender offer: "	
The alphabetical subsections used in the Item responses below correspond to the alphabetical subsections of the applicable items of Regulation M-A promulgated under the federal securities laws.	
If applicable, check the appropriate box(es) below to designate the appropriate note provision(s):	
	Rule 13e-4(i) (Cross-Border Issuer Tender Offer)
	Rule 14d-1(d) (Cross-Border Third-Party Tender Offer)

Explanatory Note

This Amendment No. 2 (this Amendment No. 2) amends and supplements the Tender Offer Statement on Schedule TO originally filed with the Securities and Exchange Commission (the SEC) on November 16, 2012 (the Original Schedule TO), as previously amended by Amendment No. 1 filed with the SEC on November 23, 2012 (Amendment No. 1 and together with the Original Schedule TO, the Schedule TO) relating to an offer by Organovo Holdings, Inc. (the Company) to amend warrants to purchase an aggregate of 14,510,928 shares of common stock, including: (i) outstanding warrants to purchase 1,500,000 shares of the Company s common stock issued to investors participating in the Company s bridge financing completed in November 2011; (ii) outstanding warrants to purchase 11,653,678 shares of the Company s common stock issued to investors participating in the Company s private placement financings closed on February 8, 2012, February 29, 2012 and March 16, 2012; and (iii) outstanding warrants to purchase 1,357,250 shares of the Company s common stock issued to investors in the Company s private placement transactions completed in 2011.

Pursuant to Rule 12b-15 under the Securities and Exchange Act of 1934, as amended, this Amendment No. 2 amends and restates only the items of the Schedule TO that are being amended and restated hereby, and unaffected items and exhibits in the Schedule TO are not included herein. This Amendment No. 2 should be read in conjunction with the Schedule TO and the related Offering Materials, as the same may be further amended or supplemented hereafter and filed with the SEC.

Item 1. SUMMARY TERM SHEET

The information under the heading Summary of Terms in the Offer to Amend and Exercise filed as Exhibit (a)(1)(B) to this Amendment No. 2, as amended and supplemented, is incorporated herein by reference.

Item 2. SUBJECT COMPANY INFORMATION

Item 2(c) of the Schedule TO is hereby amended and supplemented as follows:

(c) There is no established trading market for the Original Warrants or the Amended Warrants offered pursuant to the Offer to Amend and Exercise. Information about the trading market and price of the Company s common stock under Section 12: Trading Market and Price Range of Original Warrants, Amended Warrants and Common Stock of the Offer to Amend and Exercise, as amended and supplemented, is incorporated herein by reference. Item 4. TERMS OF THE TRANSACTION

Item 4(a) of the Schedule TO is hereby amended and supplemented as follows:

(a) Information about the terms of the transaction under the headings Summary of Terms and Description of Offer to Amend and Exercise of the Offer to Amend and Exercise, as amended and supplemented by this Amendment No. 2, is incorporated herein by reference.

Item 10. FINANCIAL STATEMENTS.

Items 10(a) and 10(b) of the Schedule TO is hereby amended and supplemented as follows:

- (a) The financial information required by Item 1010(a) is included under Section 16 Historical and Pro-Forma Financial Information Regarding the Company of the Offer to Amend and Exercise, as amended and supplemented, is incorporated by reference.
- (b) The proforma financial information required by Item 1010(b) is included under Section 16 Historical and Pro-Forma Financial Information Regarding the Company of the Offer to Amend and Exercise, as amended and supplemented, is incorporated by reference.

Item 12. EXHIBITS.

Item 12 Exhibits to the Schedule TO is amended and restated as follows:

The following are attached as exhibits to this Schedule TO:

- (a) (1)(A) Letter to Holders of Original Warrants, as amended on December 4, 2012
 - (1)(B) Offer to Amend and Exercise, as amended on December 4, 2012
 - (1)(C) Form of Election to Participate and Exercise Warrant, as amended on December 4, 2012
 - (1)(D) Form of Notice of Withdrawal, as amended on December 4, 2012
 - (1)(E) Form of Bridge Amended Warrant, as amended on December 4, 2012
 - (1)(F) Form of Investor Amended Warrant, as amended on December 4, 2012
 - (1)(G) Form of Private Amended Warrant, as amended on December 4, 2012

- (1)(H) Supplemental Company Information, dated December 4, 2012
- (1)(I) Supplemental Letter to Holders of Original Warrants, dated December 4, 2012
- (5)(A) Current Report on Form 8-K/A containing audited financial statements for the fiscal years ended December 31, 2011 and 2010 (as filed with the SEC on May 11, 2012 and incorporated herein by reference)*

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- (5)(B) Report on Form 10-Q for the quarter ended March 31, 2012 (as filed with the SEC on May 15, 2012 and incorporated herein by reference)*
- (5)(C) Report on Form 10-Q for the quarter ended June 30, 2012 (as filed with the SEC on August 14, 2012 and incorporated herein by reference)*
- (5)(D) Report on Form 10-Q for the quarter ended September 30, 2012 (as filed with the SEC on November 13, 2012 and incorporated herein by reference)*
- (5)(E) Form of Bridge Warrant of Organovo Holdings, Inc. (incorporated by reference to Exhibit 4.1 to the Company Current Report on Form 8-K, as filed with the SEC on February 13, 2012)*
- (5)(F) Form of Investor Warrant of Organovo Holdings, Inc. (incorporated by reference to Exhibit 4.4 to the Company Current Report on Form 8-K, as filed with the SEC on February 13, 2012)*
- (5)(G) Form of Private Warrant of Organovo Holdings, Inc. (incorporated by reference to Exhibit 4.3 to the Company Current Report on Form 8-K, as filed with the SEC on February 14, 2012)*
- (5)(H) Registration Statement on Form S-1 (File No. 333-182101), which registers the resale of the shares of common stock underlying the Bridge and Investor Warrants (as declared effective and filed with the SEC on July 6, 2012 and incorporated herein by reference)*
- (5)(I) Current Report on Form 8-K containing an investor presentation regarding the Company (as filed with the SEC on November 23, 2012 and incorporated herein by reference)*
- * Previously filed.

SIGNATURE

After due inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

ORGANOVO HOLDINGS, INC.

By: /s/ Keith Murphy Name: Keith Murphy

Title: Chief Executive Officer and President

(Principal Executive Officer)

Date: December 4, 2012