
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

**PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934**

Date of Report (Date of Earliest Event Reported): July 30, 2012

ORGANOVO HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

000-54621
(Commission
File Number)

27-1488943
(I.R.S. Employer
Identification No.)

6275 Nancy Ridge Dr., San Diego, CA 92121
(Address and zip code of principal executive offices)

(858) 550-9994
(Registrant's telephone number, including area code)

5871 Oberlin Drive, Suite 150, San Diego, CA
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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ITEM 7.01 REGULATION FD DISCLOSURE

On July 30, 2012, Organovo Holdings, Inc. announced that Keith Murphy, the Company's Chief Executive Officer, will present at RetailInvestorConferences.com on August 2, 2012 at 12:00 p.m. (Eastern). To access the live webcast through the internet, log onto www.retailinvestorconferences.com. The webcast will be available for replay using that same link for 90 days.

A copy of the press release is attached to this report as Exhibit 99.1.

ITEM 9.01 FINANCIAL STATEMENTS AND EXHIBITS

(d) Exhibits

The following exhibit is filed as part of this report:

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release, dated July 30, 2012.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ORGANOVO HOLDINGS, INC.

Date: July 31, 2012

By: /s/ Barry Michaels

Name: Barry Michaels

Title: Chief Financial Officer

Exhibits

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release, dated July 30, 2012.

Organovo Holdings, Inc. to Webcast, Live, at RetailInvestorConferences.com on August 2nd

07/30/2012

Download this Press Release ()

NEW YORK, July 30, 2012 /PRNewswire/ — Organovo Holdings, Inc. (OTCQB: ONVO) the San Diego-based regenerative medicine company focused on using its breakthrough NovoGen 3D human tissue printing technology to create tissue on demand for research and surgical applications, today announced that Keith Murphy, CEO will present at RetailInvestorConferences.com.

DATE: August 2, 2012

TIME: 12:00 PM EDT

LINK: www.retailinvestorconferences.com > red “register / watch event now”
button

This will be a live, interactive online event where investors are invited to ask the company questions in real-time— both in the presentation hall as well as the company’s “virtual trade booth.” If attendees are not able to join the event live on the day of the conference, an on-demand archive will be available for 90 days.

It is recommended that investors pre-register to save time and receive event updates.

About Organovo Holdings, Inc.:

Organovo Holdings, Inc. (OTCQB: ONVO) is a three-dimensional biology company focused on delivering breakthrough bioprinting technology and creating tissue on demand for research and medical applications. The company’s NovoGen three-dimensional bioprinting technology is a platform that works across all tissue and cell types. Organovo’s NovoGen MMXTM Bioprinter was selected as one of the “Best Inventions of 2010” by TIME Magazine. Organovo is helping pharmaceutical partners develop human biological disease models in three dimensions that enable therapeutic drug discovery and development. Organovo’s bioprinting technology can also be developed to create surgical tissues direct therapy. Organovo leads the way in solving complex medical research problems and building the future of medicine. For more information, please visit <http://www.organovo.com>.

About RetailInvestorConferences.com:

Since 2010, RetailInvestorConferences.com, created by [BetterInvesting \(NAIC\)](#), [PR Newswire](#) and [MUNCmedia](#), has been the only monthly virtual investor conference series that provides an interactive forum for presenting companies to meet directly with retail investors using a graphically-enhanced online platform.

Designed to replicate the look and feel of location-based investor conferences, Retail Investor Conferences unites PR Newswire’s leading-edge online conferencing and investor communications capabilities with BetterInvesting’s extensive retail investor audience network and MUNCmedia’s sophisticated retail investor targeting.