

**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): May 25, 2011

**Cryo-Cell International, Inc.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**0-23386**  
(Commission  
File Number)

**22-3023093**  
(IRS Employer  
Identification No.)

**700 Brooker Creek Blvd., Suite 1800, Oldsmar, FL**  
(Address of principal executive offices)

**34677**  
(Zip Code)

Registrant's telephone number, including area code: (813) 749-2100

**Not applicable**  
(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 8.01 Other Events.**

On May 25, 2011 Cryo-Cell International, Inc. issued a press release regarding the Company reported to have the highest earnings yield in the health care services industry by SmarTrend. A copy of the press release is furnished as Exhibit 99.1 to this report and is incorporated herein by reference.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

99.1 Press Release dated May 25, 2011.

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**SIGNATURE**

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 thereunto duly authorized.

CRYO-CELL INTERNATIONAL, INC.  
(Registrant)

Date: May 25, 2011

By: /s/ Jill M. Taymans  
Name: Jill M. Taymans  
Title: Vice President, Finance

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**EXHIBIT INDEX**

**EXHIBIT  
NUMBER**

**EXHIBIT**

99.1 Press Release dated May 25, 2011.

**For Immediate Release****Contact:**

Julia Avery (Investors)  
Stern Investor Relations, Inc.  
212-362-1200  
julia@sternir.com

Irene Smith (Media)  
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**CRYO-CELL INTERNATIONAL SHARES POTENTIALLY UNDERVALUED  
IN TERMS OF EARNINGS YIELD**

*Company Reported To Have Highest Earnings Yield in Health Care Services Industry*

**Oldsmar, FL – May 25, 2011** – Cryo-Cell International, Inc. (OTCQX: CCEL) (the “Company”), one of the world’s largest and most established family cord blood banks and global industry leader in innovative stem cell solutions, announced today that it was evaluated by SmarTrend as among the top five companies in the Health Care Services industry with the highest earnings yield. According to the SmarTrend article, “Earnings yield is useful to compare the relative benefit of owning a stock versus owning other yield assets such as bonds. If the earnings yield is higher, stocks may be considered undervalued.” The May 24, 2011 article with SmarTrend’s analysis can be found at <http://news.tradingcharts.com/futures/5/9/159207995.html>

“The Company believes that our high earnings yield may assist investors in evaluating the relative potential value of Cryo-Cell as compared to other companies in the health care services industry,” said Mercedes A. Walton, Chairman and CEO of Cryo-Cell International. “We anticipate that the Company’s global leadership in the health care services industry and within the stem cell sector in particular, may positively impact Cryo-Cell’s continuing progress towards building shareholder value.”

According to their analysis published on May 24, 2011, SmarTrend currently has shares of Cryo-Cell International in an Uptrend and issued the Uptrend alert on September 13, 2010 at \$1.23. The stock has risen 169.4% since the Uptrend alert was issued. Cryo-Cell International stock closed at \$3.35 per share on May 24, 2011.

**About Cryo-Cell International, Inc.**

Based in Oldsmar, Florida, with over 230,000 clients worldwide, Cryo-Cell is one of the largest and most established family cord blood banks. ISO 9001:2008 certified and accredited by the AABB, Cryo-Cell operates in a state-of-the-art Good Manufacturing Practice and Good Tissue Practice (cGMP/cGTP)-compliant facility. In November 2007, the Company launched CélleSM (pronounced “C-L”), the world’s first-ever commercial service allowing women to cryopreserve their own menstrual stem cells. Cryo-Cell is a publicly traded company. OTC Bulletin Board Symbol: CCEL. Expectant parents or healthcare professionals may call 1-800-STOR-CELL (1-800-786-7235) or visit [www.cryo-cell.com](http://www.cryo-cell.com).

**Forward-Looking Statement**

Statements wherein the terms “believes”, “intends”, “projects”, “anticipates”, “expects”, and similar expressions as used are intended to reflect “forward-looking statements” of the Company. The information contained herein is subject to various risks, uncertainties and other factors that could cause actual results to differ materially from the results anticipated in such forward-looking statements or paragraphs, many of which are outside the control of the Company. These uncertainties and other factors include the success of the Company’s global expansion initiatives and product diversification, the Company’s actual future ownership stake in future therapies emerging from its collaborative research partnerships, the success related to its IP portfolio, the Company’s future competitive position in stem cell innovation, future success of its core business and the competitive impact of public cord blood banking on the Company’s business, the Company’s ability to minimize future costs to the Company related to R&D initiatives and collaborations and the success of such initiatives and collaborations, the success and enforceability of the Company’s Célle technology license agreements and U-Cord license agreements and their ability to provide the Company with royalty fees, the ability of Cryology RTS to generate new revenues for the Company and those risks and uncertainties contained in risk factors described in documents the Company files from time to time with the Securities and Exchange Commission, including the most recent Annual Report on Form 10-K, Quarterly Reports on Form 10-Q and any Current Reports on Form 8-K filed by the Company. The Company disclaims any obligations to subsequently revise any forward-looking statements to reflect events or circumstances after the date of such statements.

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**Additional Information and Where To Find It**

The Company will be filing documents with the SEC, including the filing by the Company of a proxy statement in connection with the 2011 annual meeting of stockholders. **Stockholders are urged to read the Company's proxy statement for the 2011 annual meeting of stockholders when it becomes available, as well as other relevant documents filed by the Company with the SEC, because they will contain important information.** The Company's definitive proxy statement will be mailed to stockholders of the Company. Stockholders may obtain free copies of these documents (when they are available) and other documents filed with the SEC at the Company's website ( [www.cryo-cell.com](http://www.cryo-cell.com)) under the heading "Investor Relations", the SEC's website at ([www.sec.gov](http://www.sec.gov)), or by contacting the Company at (813) 749-2100.

**Information Regarding Participants**

Information regarding the officers and directors of the Company is included in the Company's Annual Report on Form 10-K filed with the SEC on February 28, 2011. More detailed information regarding the identity of potential participants, and their direct or indirect interests, by securities, holdings or otherwise, will be set forth in the proxy statement and other materials to be filed by the Company with SEC in connection with the 2011 annual meeting of stockholders.