

SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

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 FORM S-8  
 REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

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 CRYO-CELL INTERNATIONAL, INC.  
 (Exact name of registrant as specified in its charter)  
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DELAWARE  
 (State or other jurisdiction of incorporation or organization)

22-302-3093  
 (I.R.S. Employer Identification No.)

-----  
 3165 McMullen Booth Road, Building #5  
 Clearwater, FL 33761  
 (727) 723-0333  
 (Address of Registrant's principal executive offices, including zip code)  
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ADVISOR COMPENSATION PLAN  
 (Full title of the Plan)

Daniel Richard, Chief Executive Officer  
 3165 McMullen Booth Road, Building #5  
 Clearwater, FL 33761  
 (727) 723-0333  
 (Name, address and telephone number of agent for service)  
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Approximate Date of Proposed Sale to the Public:  
 As soon as practicable after this Registration Statement becomes effective.  
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<TABLE>

CALCULATION OF REGISTRATION FEE

<CAPTION>

Title of Securities to be Registered	Amount to be Registered	Proposed Maximum Offering Price per Share	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
<S> Common Stock, \$0.01 Par Value (1)	<C> 50,000 (1)	<C> \$3.23 (2)	<C> \$161,500	<C> \$ 44.90

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- Includes 50,000 shares of common stock, issuable for counseling and advisory services to McDermott, Will & Emery.
  - Estimated solely for purposes of calculating the amount of the registration fee pursuant to Rule 457(c) of the Securities Act of 1933, based on the average of the high and low sales prices of a share of Common Stock of the Company on the Nasdaq National Market System on August 5, 1999.

</TABLE>

PART II

ITEM 3. INCORPORATION OF DOCUMENTS BY REFERENCE.

Pursuant to General Instruction E of Form S-8, the Registration Statement on Form S-8 filed by CRYO-CELL International, Inc. (the "Company") with the Securities and Exchange Commission (the "Commission") is incorporated

herein by reference.

The following documents are also incorporated by reference:

1. The Company's Annual Report on Form 10-KSB for the fiscal year ended November 30, 1998, filed with the Commission on March 16, 1999.
2. The Company's Quarterly Reports on Form 10-Q for the quarterly periods ended February 28, 1999 and May 31, 1999 which have heretofore been filed by the Company with the Commission pursuant to the 1934 Act.
3. The description of the Company's Common Stock is contained in its Registration Statement on Form 8A dated February 4, 1994, filed pursuant to Section 12 of the Securities Exchange Act of 1934.

In addition, all reports and other documents that we subsequently file pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, prior to the filing of a post-effective amendment which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in, and to be a part of, this registration statement from the date of filing of such documents (such documents, and the documents enumerated above, being referred to in this registration statement as "Incorporated Documents").

To the extent information contained in this registration statement or any Incorporated Document differs from information contained in an earlier-filed Incorporated Document, rely on the different information in this registration statement or the later-filed Incorporated Document.

#### ITEM 8. EXHIBITS.

The exhibits required by Item 601 of Regulation S-K are listed in the Exhibit Index hereto.

#### ITEM 9. UNDERTAKINGS.

(a) The undersigned Company hereby undertakes:

- 1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
  - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933 (the "Securities Act");
  - (ii) To reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in the volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
  - (iii) To include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement; provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the Company pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this registration statement.
- 2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- 3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned Company hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Company's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Company pursuant to the foregoing provisions, or otherwise, the Company has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Company of expenses incurred or paid by a director, officer or controlling person of the Company in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Company will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Company certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized in the City of Clearwater, State of Florida on August 5, 1999.

CRYO-CELL INTERNATIONAL, INC.

By: /s/ Daniel D. Richard

-----  
 Daniel D. Richard  
 Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Daniel D. Richard and Jill M. Taymans, and each of them, his true and lawful attorney-in-fact and agent, each with full power of substitution and revocation, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this registration statement, and to file the same with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto each such attorney-in-fact and agent, full power and authority to do and perform each and every act and thing requisite and necessary to be done, as fully to all intents and purposes as such person might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement and the foregoing power of attorney have been signed by the following persons in the capacities and on the dates indicated:

NAME - - - - -	TITLE - - - - -	DATE - - - - -
/s/ Daniel D. Richard ----- Daniel D. Richard	Chief Executive Officer and Chairman of the Board (Principal Executive Officer)	August 5, 1999
/s/ Gerald F. Maass ----- Gerald F. Maass	Vice President and General Manager, Director	August 5, 1999
/s/ Jill M. Taymans ----- Jill M. Taymans	Chief Financial Officer	August 5, 1999
/s/ Ed Modzelewski ----- Ed Modzelewski	Director	August 5, 1999

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Frederick C.S. Wilhelm

EXHIBIT INDEX

EXHIBIT NUMBER -----	DESCRIPTION OF EXHIBIT -----
5.1	Opinion of McDermott, Will & Emery as to the legality of the securities being registered.
23.1	Consent of McDermott, Will & Emery (included in its opinion filed as Exhibit 5).
23.2	Consent of Mirsky, Furst & Associates, P.A..
24	Power of Attorney (included with the signature page to this registration statement).

McDermott, Will & Emery  
227 West Monroe Street, Suite 3100  
Chicago, Illinois 60606

August 10, 1999

CRYO-CELL International, Inc.  
3165 McMullen Booth Road  
Building #5  
Clearwater, Florida 33761

RE: 50,000 Shares of Common Stock (\$0.01 par value)  
for the Advisor Compensation Plan (the "Plan")

Gentlemen:

We have acted as counsel for CRYO-CELL International, Inc. (the "Company") in connection with the preparation and filing of a Registration Statement on Form S-8 (the "Registration Statement") for the registration under the Securities Act of 1933, as amended, of 50,000 shares of the Company's Common Stock, \$0.01 par value (the "Common Stock"), which may be purchased pursuant to the Plan.

We have conferred with various officers of the Company and have ascertained or verified, to our satisfaction, such facts as we deemed necessary or appropriate for the purposes of this opinion.

Based on the foregoing, we are of the opinion that all legal and corporate proceedings necessary for the authorization, issuance and delivery of the shares of Common Stock under the Plan have been duly taken, and the Common Stock, upon acquisition pursuant to the terms of the Plan, will be duly authorized, legally and validly issued, fully paid and nonassessable.

We hereby consent to all references to our Firm in the Registration Statement and to the filing of this opinion by the Company as an Exhibit to the Registration Statement.

Very truly yours,

/s/ McDermott, Will & Emery

McDermott, Will & Emery

CONSENT OF  
MIRSKY, FURST & ASSOCIATES, P.A.

We hereby consent to the incorporation by reference in this Prospectus constituting part of the Registration Statement of Form S-8 of our reports appearing in the CRYO-CELL INTERNATIONAL, INC., a Delaware corporation, Form 10-KSB filed for the year ended November 30, 1998.

Dated: August 6, 1999

/s/ Mirsky, Furst & Associates, P.A.  
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MIRSKY, FURST & ASSOCIATES, P.A.