Fibrocell Science, Inc. Form POS EX December 29, 2011

As filed with the Securities and Exchange Commission on December 29, 2011

Registration No. 333-176642

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

Post Effective Amendment No. 1 to

FORM S-1 REGISTRATION STATEMENT

UNDER

THE SECURITIES ACT OF 1933

For the fiscal year ended September 30, 2011

FIBROCELL SCIENCE, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of (Prim

2834 (Primary Standard Industrial 87-045888 (I.R.S. Employer Identification Number)

incorporation or organization)

Classification Code Number) 405 Eagleview Boulevard

Exton, Pennsylvania 19341

(484) 713-6000

(Address, including zip code, and telephone number, including area code, of registrant s principal executive offices)

Declan Daly

405 Eagleview Boulevard

Exton, Pennsylvania 19341

(484) 713-6000

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

Cavas S. Pavri, Esq.

Cozen O Connor

1900 Market Street

Philadelphia, PA 19103

Professional Corporation

(215) 665-5542

Facsimile: (215) 701-2478

APPROXIMATE DATE OF COMMENCEMENT OF PROPOSED SALE TO THE PUBLIC: As soon as practicable after the effective date of this registration statement.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933 check the following box. x

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. x

File No. 333-176642

Explanatory Note

This Post-Effective Amendment No. 1 to Form S-1 Registration Statement (File No. 333-176642) is filed pursuant to Rule 462(d) solely to add exhibits not previously filed with respect to such Registration Statement.

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 16. Exhibits and Financial Statement Schedules

Exhibit Number	Description
2.1	Debtors First Amended Joint Plan of Reorganization dated July 30, 2009 and Disclosure Statement (filed as Exhibit 10.2 to the Company s Form 10-Q for quarter ended June 30, 2009, filed on August 12, 2009 and as Exhibit 99.1 to our Form 8-K filed September 2, 2009)
3.1	Amended and Restated Certificate of Incorporation (incorporated by reference to Exhibit 3.1 to our Form 8-K filed September 2, 2009)
3.2	Amended and Restated Bylaws (incorporated by reference to Exhibit 3.2 to our Form 8-K filed September 2, 2009)
3.3	Certificate of Designation of Preferences, Rights and Limitations of Series A 6% Convertible Preferred Stock (incorporated by reference to Exhibit 3.1 to our Form 8-K filed October 14, 2009)
3.4	Certificate of Designation of Preferences, Rights and Limitations of Series B Convertible Preferred Stock, dated July 16, 2010. (incorporated by reference to Exhibit 3.1 to our Form 8-K filed July 20, 2010).
3.5	Amended and Restated Certificate of Designation of Preferences, Rights and Limitations of Series D Convertible Preferred Stock. (incorporated by reference to Exhibit 3.2 to our Form 8-K filed December 8, 2010).
4.1	Form of Common Stock Certificate (incorporated by reference to Exhibit 4.1 to our Form 10-Q filed November 23, 2009)
4.2	Form of Class A/B Common Stock Purchase Warrant issued in October 2009 offering (incorporated by reference to Exhibit 4.1 to our Form 8-K filed October 14, 2009)
4.3	Form of 12.5% Promissory Note (incorporated by reference to Exhibit 10.1 to our Form 8-K filed September 10, 2009)
4.4	Form of Placement Agent Warrant issued in November 2009 offering (incorporated by reference to Exhibit 4.2 to our Form 10-Q filed November 23, 2009)

Exhibit Number	Description
4.5	Common Stock Purchase Warrant issued in March 2010 offering (incorporated by reference to Exhibit 4.1 to our Form 8-K filed March 3, 2010)
4.6	Form of Common Stock Purchase Warrant issued in July 2010 Series B preferred stock offering (incorporated by reference to Exhibit 4.1 to our Form 8-K filed July 20, 2010)
4.7	Form of Placement Agent Warrant issued in July 2010 Series B preferred stock offering (incorporated by reference to Exhibit 4.2 to our Form 8-K filed July 20, 2010)
4.8	Form of Common Stock Purchase Warrant used for Series B preferred stock offering (incorporated by reference to Exhibit 4.1 of the Form 8-K filed October 22, 2010).
4.9	Form of Common Stock Purchase Warrant used for the Series D preferred stock offering (incorporated by reference to Exhibit 4.1 of the Form 8-K filed February 15, 2011).
4.10	Form of Common Stock Purchase Warrant used in the August 2011 offering (incorporated by reference to Exhibit 4.1 to our Form 8-K filed August 4, 2011)
5	Opinion of Cozen O Connor (incorporated by reference to Exhibit 5 to our Form S-1 filed on September 2, 2011.)
10.1	Securities Purchase Agreement dated October 13, 2009 between the Company and the Series A Preferred Stock Purchasers (incorporated by reference to Exhibit 10.1 to our Form 8-K filed October 14, 2009)
10.2	Amended and Restated Employment Agreement between the Company and Declan Daly dated August 24, 2010 (incorporated by reference to Exhibit 10.1 to our Form 8-K filed August 27, 2010)
10.3	Consulting Agreement between the Company and Robert Langer (incorporated by reference to Exhibit 10.2 to our Form 10-Q filed November 23, 2009)
10.4	2009 Equity Incentive Plan, as amended (incorporated by reference to Exhibit 4.5 to our Form S-8 filed March 3, 2011)
10.5	Lease Agreement between Isolagen, Inc and The Hankin Group dates April 7, 2005 (previously filed as an exhibit to the company s Form 8-K, filed on April 12, 2005)
10.6	Purchase Option Agreement between Isolagen, Inc and 405 Eagleview Associates dated April 7, 2005 (previously filed as an exhibit to the company s Form 8-K, filed on April 12, 2005)
10.7	Intellectual Property Purchase Agreement between Isolagen Technologies, Inc., Gregory M. Keller, and PacGen Partners (previously filed as an exhibit to the company s amended Form S-1, as filed on October 24, 2003)
10.8	Employment Agreement between the Company and David Pernock (incorporated by reference to Exhibit 10.1 to our Form 8-K filed February 1, 2010)
10.9	Securities Purchase Agreement dated March 2, 2010 (incorporated by reference to Exhibit 10.1 to our Form 8-K filed March 3, 2010)

Exhibit Number	Description
10.10	Registration Rights Agreement dated March 2, 2010 (incorporated by reference to Exhibit 10.1 to our Form 8-K filed March 3, 2010)
10.11	Registration Rights Agreement between the Company and the Series A Preferred Stock Purchasers, dated October 13, 2009 (incorporated by reference to Exhibit 10.2 to our Form 8-K filed October 14, 2009)
10.12	Securities Purchase Agreement between the Company and Series B Preferred Stock Purchasers (incorporated by reference to Exhibit 10.1 to our Form 8-K filed July 20, 2010)
10.13	Form of Registration Rights Agreement between the Company and Series B Preferred Stock Purchasers (incorporated by reference to Exhibit 10.2 to our Form 8-K filed July 20, 2010)
10.14	Form of Securities Purchase Agreement between the Company and Series B Preferred Stock Purchasers (incorporated by reference to Exhibit 4.1 of the Form 8-K filed October 22, 2010).
10.15	Securities Purchase Agreement dated August 3, 2011 (incorporated by reference to Exhibit 10.1 of our Form 8-K filed August 4, 2011)
10.16	Registration Rights Agreement dated August 3, 2011 (incorporated by reference to Exhibit 10.2 of our Form 8-K filed August 4, 2011)
21	List of Subsidiaries (previously filed as an exhibit to the company s Annual Report on Form 10-K for the fiscal year ended December 31, 2006)
23.1	Consent of BDO USA, LLP (incorporated by reference to Exhibit 23.1 of our Form S-1 filed on September 2, 1011).
23.2	Consent of Cozen O Connor (included in Exhibit 5)
24.1	Power of Attorney (included on signature page)
*101.INS	XBRL Instance Document
*101.SCH	XBRL Toxonomy Extension Schema Document
*101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
*101.LAB	XBRL Taxonomy Extension Label Linkbase Document
*101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document
*101.DEF	XBRL Taxonomy Extension Definition Linkbase Document

^{*} Filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Exton, Commonwealth of Pennsylvania, on December 29, 2011.

FIBROCELL SCIENCE, INC.

By: /s/ David Pernock Name: **David Pernock**

Title: Chief Executive Officer

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

Signature	Title	Date
/s/ David Pernock	Chairman of the Board and Chief Executive Officer	December 29, 2011
David Pernock		
/s/ Declan Daly	Director, Chief Financial Officer, Chief Operating Officer and Controller	December 29, 2011
Declan Daly		
*	Director	December 29, 2011
George Korkos		
*	Director	December 29, 2011
Kelvin Moore		
*	Director	December 29, 2011
Robert Langer		
*	Director	December 29, 2011
Marc Mazur		
*By: /s/ David Pernock David Pernock		
Attorney-in-fact		

EXHIBIT INDEX

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10.11	Registration Rights Agreement between the Company and the Series A Preferred Stock Purchasers, dated October 13, 2009 (incorporated by reference to Exhibit 10.2 to our Form 8-K filed October 14, 2009)
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