

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 1  
TO

**FORM S-3**

REGISTRATION STATEMENT NO. 333-229307

POST-EFFECTIVE AMENDMENT NO. 1  
TO

**FORM S-3**

REGISTRATION STATEMENT NO. 333- 209077

POST-EFFECTIVE AMENDMENT NO. 1  
TO

**FORM S-3**

REGISTRATION STATEMENT NO. 333- 185466

POST-EFFECTIVE AMENDMENT NO. 2  
TO

**FORM S-3**

REGISTRATION STATEMENT NO. 333- 185463

UNDER THE SECURITIES ACT OF 1933

**FIBROCELL SCIENCE, INC.**

(Exact name of registrant as specified in its charter)

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

**87-0458888**  
(I.R.S. Employer  
Identification Number)

**405 Eagleview Boulevard  
Exton, PA 19341  
(484) 713-6000**

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

**John M. Maslowski  
President and Chief Executive Officer  
Fibrocell Science, Inc.  
405 Eagleview Boulevard  
Exton, PA 19341  
(484) 713-6000**

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

**Copies to:**

**Steven J. Abrams  
Hogan Lovells US LLP  
1735 Market Street, 23rd Floor  
Philadelphia, PA 19103  
Tel: (267) 675-4600**

**Approximate date of commencement of proposed sale to the public: Not applicable.**

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box:

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, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box:

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 registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

## EXPLANATORY STATEMENT — DEREGISTRATION OF SECURITIES

This Post-Effective Amendment (this “Post-Effective Amendment”) relates to the following Registration Statements of Fibrocell Science, Inc. (the “Company”) on Form S-3 (the “Registration Statements”):

- Registration Statement No. 333-229307, registering 443,350 shares of common stock, par value \$0.001 per share (“Common Stock”), of the Company.
- Registration Statement No. 333-209077, registering an indeterminate number of shares of Common Stock and preferred stock, an indeterminate principal amount of debt securities, an indeterminate number of warrants to purchase Common Stock, preferred stock or debt securities, and an indeterminate number of units and an indeterminate number of subscription rights as shall have an aggregate initial offering price not to exceed \$150,000,000, and Common Stock having an aggregate offering price of up to \$50,000,000.
- Registration Statement No. 333-185466, registering up to 250,000,000 shares of Common Stock of the Company.
- Registration Statement No. 333-185463, registering up to 64,703,392 shares of Common Stock of the Company.

On December 13, 2019 (the “Effective Time”), the Company completed the merger contemplated by the Agreement and Plan of Merger (the “Merger Agreement”), dated as of September 12, 2019, among the Company, Castle Creek Pharmaceutical Holdings, Inc. (“Castle Creek”) and Castle Creek Merger Corp., a wholly owned subsidiary of Castle Creek (“Merger Sub”). Pursuant to the Merger Agreement, Merger Sub was merged with and into the Company (the “Merger”), with the Company surviving the Merger as a wholly-owned subsidiary of Castle Creek. Upon consummation of the Merger, at the Effective Time, each share of common stock of the Company issued and outstanding immediately prior to the Effective Time (other than shares held directly by Castle Creek or Merger Sub and shares owned by Company stockholders who have exercised their appraisal rights under Delaware law) was automatically converted into the right to receive \$3.00 in cash, without interest.

As a result of the Merger, the Company has terminated any and all offerings of its securities pursuant to the Registration Statements. Accordingly, the Company hereby terminates the effectiveness of the Registration Statements and, in accordance with the undertakings made by the Company in the Registration Statements to remove from registration, by means of a post-effective amendment, any securities that had been registered for issuance but remain unsold at the termination of the offering, removes from registration any and all securities of the Company registered but unsold under the Registration Statements as of the date hereof.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, and Rule 478 thereunder, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment to the Registration Statements on Form S-3 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Exton, State of Pennsylvania, on December 13, 2019.

### **FIBROCELL SCIENCE, INC.**

By: /s/ John M. Maslowski

Name: John M. Maslowski

Title: President and Chief Executive Officer

Note: No other person is required to sign this Post-Effective Amendment to the Registration Statements in reliance on Rule 478 under the Securities Act of 1933, as amended.