

**UNITED STATES  
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): February 8, 2024

**FibroBiologics, Inc.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of  
incorporation or organization)

**001-41934**

(Commission  
File Number)

**86-3329066**

(I.R.S. Employer  
Identification Number)

**455 E. Medical Center Blvd.  
Suite 300**

**Houston, Texas 77598**

(Address of principal executive offices and Zip Code)

**(281) 671-5150**

(Registrant's telephone number, including area code)

**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 (see General Instruction A.2. below):

- ☐ 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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 or Rule 12b-2 of the Securities Exchange Act of 1934.

Emerging growth company ☒

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 13(a) of the Exchange Act. ☐

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading symbol(s)	Name of each exchange on which registered
Common stock, par value \$0.00001 per share	FBLG	Nasdaq Global Market

**Item 8.01. Other Events.**

On February 8, 2024, FibroBiologics, Inc. issued a press release announcing three United States patents for fibroblast technology. A copy of the press release is attached as Exhibit 99.1 and is incorporated by reference into this Item 8.01.

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

(d) Exhibits

Exhibit 99.1 [Press Release dated February 8, 2024](#)

Exhibit 104 Cover Page Interactive Data File (embedded within the inline XBRL document)

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## 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 thereunto duly authorized.

Date: February 8, 2024

FibroBiologics, Inc.

By: /s/ Pete O'Heeron

Name: Pete O'Heeron

Title: Chief Executive Officer

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### **FibroBiologics Announces Three United States Patents for Fibroblast Technology**

HOUSTON, February 8, 2024 /PRNewswire/ – FibroBiologics (Nasdaq: FBLG) (“FibroBiologics”), a clinical-stage biotechnology company focused on the development of therapeutics and potential cures for chronic diseases using fibroblasts and fibroblast-derived materials, announced the issuance of three patents from the United States Patent Office (USPTO) to add to its portfolio.

#### **Issued Patents:**

1. Patent 11,717,596 (Inventor: Lionel Sevrain) METHODS AND COMPOSITIONS FOR REPAIR OF CARTILAGE USING AN IN VIVO BIOREACTOR
2. Patent 11,732,239 (Inventor: Pete O’Heeron) TREATMENT OF DISC DEGENERATIVE DISEASE AND STIMULATION OF PROTEOGLYCAN SYNTHESIS BY FIBROBLAST CONDITIONED MEDIA AND FORMULATION THERE OF
3. Patent 11,819,555 (Inventor: Pete O’Heeron) GENE THERAPY FOR THE REGENERATION OF CHONDROCYTES OR CARTILAGE TYPE CELLS

“As we develop our science, these new patents add to our extensive portfolio of 150+ patents issued and pending, which validate the uniqueness of our potential treatments and processes,” said Pete O’Heeron, Chief Executive Officer of FibroBiologics. “The United States is the largest market for our three product candidates and we are continually striving to add additional protections for our technology.”

For more information, please visit FibroBiologics’ [website](#) or email FibroBiologics at: [info@fibrobiologics.com](mailto:info@fibrobiologics.com).

#### **Cautionary Statement Regarding Forward-Looking Statements**

This communication may contain “forward-looking statements” as defined in the Private Securities Litigation Reform Act of 1995. Forward-looking statements include information concerning FibroBiologics’ possible or assumed future results of operations, business strategies, debt levels, competitive position, industry environment, potential growth opportunities and the effects of regulation, including whether FibroBiologics will generate returns for stockholders. These forward-looking statements are based on FibroBiologics’ management’s current expectations, estimates, projections and beliefs, as well as a number of assumptions concerning future events. When used in this communication, the words “estimates,” “projected,” “expects,” “anticipates,” “forecasts,” “plans,” “intends,” “believes,” “seeks,” “may,” “will,” “should,” “future,” “propose” and variations of these words or similar expressions (or the negative versions of such words or expressions) are intended to identify forward-looking statements. These forward-looking statements are not guarantees of future performance, conditions or results, and involve a number of known and unknown risks, uncertainties, assumptions and other important factors, many of which are outside FibroBiologics’ management’s control, that could cause actual results to differ materially from the results discussed in the forward-looking statements, including those set forth in the Risk Factors section of FibroBiologics’ Registration Statement for the Direct Offering filed with the SEC. Copies are available on the SEC’s website, [www.sec.gov](http://www.sec.gov). These risks, uncertainties, assumptions and other important factors include, but are not limited to: (a) the occurrence of any event, change or other circumstances that could cause the Registration Statement to not become effective; (b) the ability of FibroBiologics to continue to meet Nasdaq listing requirements; (c) the ability to effectively manage the business as a result of the super-voting proxy given to the Board of Directors. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and FibroBiologics assumes no obligation and, except as required by law, does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. FibroBiologics gives no assurance that it will achieve its expectations.

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### **About FibroBiologics**

Based in Houston, FibroBiologics is a cell therapy, regenerative medicine company developing a pipeline of treatments and potential cures for chronic diseases using fibroblast cells and fibroblast-derived materials. FibroBiologics holds 150+ US and internationally issued patents/patents pending across various clinical pathways, including disc degeneration, orthopedics, multiple sclerosis, psoriasis, wound healing, reversing organ involution, and cancer. FibroBiologics represents the next generation of medical advancement in cell therapy. For more information, visit [www.FibroBiologics.com](http://www.FibroBiologics.com).

### **General Inquiries:**

[info@fibrobiologics.com](mailto:info@fibrobiologics.com)

### **Investor Relations:**

Nic Johnson or Harrison Seidner, Ph.D.  
Russo Partners  
(212) 845-4242  
[fibrobiologicsIR@russopr.com](mailto:fibrobiologicsIR@russopr.com)

### **Media Contact:**

Liz Phillips  
Russo Partners  
(347) 956-7697  
[Elizabeth.phillips@russopartnersllc.com](mailto:Elizabeth.phillips@russopartnersllc.com)

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