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: September 12, 2016
(*Date of earliest event reported*)

CELLECTAR BIOSCIENCES, INC.
(*Exact name of registrant as specified in its charter*)

Delaware	**1-36598**	**04-3321804**
(State or other jurisdiction of incorporation)	*(Commission File Number)*	*(IRS Employer Identification Number)*

3301 Agriculture Drive
Madison, WI 53716
(*Address of principal executive offices*)

(608) 441-8120
(*Registrant's telephone number, including area code*)

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))

ITEM 7.01 REGULATION FD DISCLOSURE

On September 12, 2016, we issued a press release announcing that our lead therapeutic compound, CLR 131, will be evaluated by the University of Wisconsin in combination with external beam radiation as a potential combination treatment for head and neck cancers (squamous cell carcinoma). The research will be conducted as part of a Specialized Program of Research Excellence (SPORE) grant, awarded to the University of Wisconsin by the National Cancer Institute. A copy of the press release is furnished as Exhibit 99.1 and is incorporated by reference herein.

ITEM 9.01 FINANCIAL STATEMENTS AND EXHIBITS

(d) Exhibits

Number	Title
99.1	Press release dated September 12, 2016, entitled "Cellectar Biosciences Announces Lead Compound CLR 131 To Be Studied In Head and Neck Cancer in $12M University of Wisconsin SPORE Grant"

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 hereunto duly authorized.

Dated: September 12, 2016

CELLECTAR BIOSCIENCES, INC.

By: */s/ Chad J. Kolean*
Name: Chad J. Kolean
Title: Vice President and Chief Financial Officer

EXHIBIT INDEX

Number	Title
99.1	Press release dated September 12, 2016, entitled "Cellectar Biosciences Announces Lead Compound CLR 131 To Be Studied In Head and Neck Cancer in $12M University of Wisconsin SPORE Grant"

Exhibit 99.1

Cellectar Biosciences Announces Lead Compound CLR 131 To Be Studied In Head and Neck Cancer in $12M University of Wisconsin SPORE Grant

Madison, WI (September 12, 2016) -- Cellectar Biosciences, Inc. (Nasdaq: CLRB) ("the company"), an oncology-focused biotechnology company, today announces that its lead therapeutic compound, CLR 131, currently in a Phase 1 clinical trial for multiple myeloma and preparing for a Phase 2 study in multiple myeloma and other hematologic malignancies, will be evaluated by the University of Wisconsin in combination with external beam radiation as a potential combination treatment for head and neck cancers (squamous cell carcinoma). The research will be conducted as part of a Specialized Program of Research Excellence (SPORE) grant, awarded to the University of Wisconsin by the National Cancer Institute.

"The rigorous peer review that SPORE grants undergo provides further validation of the therapeutic benefits that CLR 131 could provide in both hematological and solid tumor malignancies. While we remain focused on advancing CLR 131 as a therapy for hematologic malignancies, we look forward to seeing the outcomes of the University's research," said Jim Caruso, president and CEO of Cellectar Biosciences. "We are grateful for our long-standing relationship with the University of Wisconsin and congratulate them, and in particular, Dr. Paul Harari, chair of human oncology, who oversaw the SPORE grant application."

Earlier this year, Cellectar received a SBIR Fast Track award for CLR 131 from the NCI to conduct a Phase 2 clinical study in hematological malignancies. Additionally, Cellectar also received a patent for CLR 131 in combination with external beam radiation for a wide variety of cancers, including head and neck.

"We are excited to apply this promising new approach, which will allow us to simultaneously treat tumors from within using CLR 131 and from outside using external beam radiation," said Paul Harari, MD, FASTRO, Jack Fowler Professor and chairman, department of human oncology, University of Wisconsin School of Medicine and Public Health. "This combination may provide a powerful attack method against challenging solid tumors where radiation plays a central treatment role."

About Cellectar Biosciences, Inc.

Cellectar Biosciences is developing phospholipid drug conjugates (PDCs) designed to provide cancer targeted delivery of diverse oncologic payloads to a broad range of cancers and cancer stem cells. Cellectar's PDC platform is based on the company's proprietary phospholipid ether analogs. These novel small-molecules have demonstrated highly selective uptake and retention in a broad range of cancers. Cellectar's PDC pipeline includes product candidates for cancer therapy and cancer diagnostic imaging. The company's lead therapeutic PDC, CLR 131, utilizes iodine-131, a cytotoxic radioisotope, as its payload. CLR 131 is currently being evaluated under an orphan drug designated Phase 1 clinical study in patients with relapsed or refractory multiple myeloma. The company is also developing PDCs for targeted delivery of chemotherapeutics such as paclitaxel (CLR 1602-PTX), a preclinical stage product candidate, and plans to expand its PDC chemotherapeutic pipeline through both in-house and collaborative R&D efforts. For additional information please visit www.cellectar.com.

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This news release contains forward-looking statements. You can identify these statements by our use of words such as "may," "expect," "believe," "anticipate," "intend," "could," "estimate," "continue," "plans," or their negatives or cognates. These statements are only estimates and predictions and are subject to known and unknown risks and uncertainties that may cause actual future experience and results to differ materially from the statements made. These statements are based on our current beliefs and expectations as to such future outcomes. Drug discovery and development involve a high degree of risk. Factors that might cause such a material difference include, among others, uncertainties related to the ability to raise additional capital, uncertainties related to the ability to attract and retain partners for our technologies, the identification of lead compounds, the successful preclinical development thereof, the completion of clinical trials, the FDA review process and other government regulation, our pharmaceutical collaborators' ability to successfully develop and commercialize drug candidates, competition from other pharmaceutical companies, product pricing and third-party reimbursement. A complete description of risks and uncertainties related to our business is contained in our periodic reports filed with the Securities and Exchange Commission including our Form 10-K/A for the year ended December 31, 2015. These forward-looking statements are made only as of the date hereof, and we disclaim any obligation to update any such forward-looking statements.

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