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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**SCHEDULE 14A**  
Proxy Statement Pursuant to Section 14(a) of the  
Securities Exchange Act of 1934

Filed by the Registrant

Filed by a party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material under §240.14a-12

**CELLECTAR BIOSCIENCES, INC.**  
(Name of Registrant as Specified in its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check all boxes that apply):

- No fee required.
  - Fee paid previously with preliminary materials.
  - Fee computed on table in exhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11.
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**CELLECTAR BIOSCIENCES, INC.**  
**Important Notice Regarding the Availability of Proxy Materials for the  
Annual Meeting of Stockholders to be Held Virtually on June 14, 2024**

You are receiving this communication because you hold shares in the company named above. This is not a ballot. You cannot use this notice to vote these shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. We encourage you to access and review all of the important information contained in the proxy materials before voting.

The Proxy Statement and Annual Report to Stockholders are available at <http://www.viewproxy.com/aclrb/2024>

If you want to receive a paper or e-mail copy of these documents, you must request one. There is no charge to you for a copy. Please make your request for a copy as instructed below on or before June 7, 2024 to facilitate timely delivery.

Important information regarding the Internet availability of the company's proxy materials, instructions for accessing your proxy materials and voting online and instructions for requesting paper or e-mail copies of your proxy materials are provided on the reverse side of this Notice.

**STOCKHOLDERS ARE CORDIALLY INVITED TO VIRTUALLY ATTEND THE ANNUAL MEETING.**

To the Stockholders of Collectar Biosciences, Inc.

The 2024 Annual Meeting of Stockholders of Collectar Biosciences, Inc. will be held virtually on June 14, 2024 at 10:00 a.m. EDT. As a Registered Holder, you may vote your shares at the Annual Meeting of Stockholders by first registering at <http://viewproxy.com/clrb/2024/htype.asp> and then using your Virtual Control Number below. Your registration must be received by 11:59 p.m. EST on June 12, 2024. On the day of the Annual Meeting of Stockholders, if you have properly registered, you can log in using the password you received via email in your registration confirmation and follow instructions to vote your shares. Please have your Virtual Control Number with you during the meeting in order to vote. Further instructions on how to attend and vote at the Annual Meeting are contained in the Proxy Statement in the sections titled "Virtual Annual Meeting Information – How Can I Participate in the Annual Meeting?" and "Voting Information – How Can I Vote My Shares During the Annual Meeting?"

Voting Items

1. The election of two Class I director nominees.  
01. Dr. Asher Chanan-Khan 02. Mr. John Neis
2. The approval of an increase in the number of shares of common stock available for issuance under the Company's 2021 Stock Incentive Plan by 7,000,000 shares.
3. The ratification of the appointment of Baker Tilly US, LLP as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2024.
4. To hold a non-binding advisory vote to approve named executive officer compensation.

**NOTE:** To conduct any other business properly brought before the meeting or any adjournment thereof.

**The Board of Directors recommends a vote "FOR" the nominees in Proposal 1 and "FOR" Proposals 2, 3, and 4.**

The Securities and Exchange Commission rules permit us to make our proxy materials available to our stockholders via the Internet.

**Material for this annual meeting and future meetings may be requested by one of the following methods:**

**INTERNET** →

To view your proxy materials online, go to <http://www.viewproxy.com/clrb/2024>. Have your 11-digit Virtual Control Number (located below) available when you access the website and follow the instructions.

**TELEPHONE** →

Call 1-877-777-2857 TOLL FREE

**E-MAIL** →

By e-mail at: [requests@viewproxy.com](mailto:requests@viewproxy.com)

\* If requesting material by e-mail, please send a blank e-mail with the company name and your 11-digit control number (located below) in the subject line. No other requests, instructions, or other inquiries should be included with your e-mail requesting material.

**You must use the 11-digit Virtual Control Number located in the box below.**

**VIRTUAL CONTROL NUMBER**



**CELLECTAR BIOSCIENCES, INC.**  
100 Campus Dr., Florham Park, NJ 07932

**PROXY MATERIALS AVAILABLE TO VIEW OR RECEIVE**

The following proxy materials are available to you for review at: <http://www.viewproxy.com/clrb/2024>

Proxy Statement and 2023 Annual Report

**ACCESSING YOUR PROXY MATERIALS ONLINE**

Have this notice available when you request a paper copy of the proxy materials or to vote your proxy electronically.

You must reference your Virtual Control Number to vote by Internet or request a paper copy of the proxy materials.

**You may vote your proxy when you view the material on the Internet.  
You will be asked to follow the prompts to vote your shares.**

Your electronic vote authorizes the named proxies to vote your shares in the same manner as if you marked, signed, dated, and returned the proxy card.

**REQUESTING A PAPER COPY OF THE PROXY MATERIALS**

By telephone please call **1-877-777-2857**

or

By logging onto <http://www.viewproxy.com/clrb/2024>

or

By e-mail at: [requests@viewproxy.com](mailto:requests@viewproxy.com)

Please include the company name and your Virtual Control Number in the e-mail subject line.

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