UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

(Rule 14a-101)

INFORMATION REQUIRED IN PROXY STATEMENT

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

Filed by the Registrant \boxtimes Filed by a Party other than the Registrant \square 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 Pursuant to § 240.14a-12

Ensysce 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.

 \Box Fee computed on table in exhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11.

ENSYSCE BIOSCIENCES, INC.

CONTROL ID:

REQUEST ID:

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE ANNUAL MEETING OF STOCKHOLDERS

- DATE: THUR
- TIME:

THURSDAY, AUGUST 24, 2023

IME: 9:00 A.M. PACIFIC TIME

LOCATION:

ONLINE ONLY HTTPS://AGM.ISSUERDIRECT.COM/ENSC



This communication represents a notice to access a more complete set of proxy materials 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 is available at: https://www.iproxydirect.com/ensc

IF YOU WANT TO RECEIVE A PAPER COPY OF THE PROXY MATERIALS YOU MUST REQUEST ONE. THERE IS NO CHARGE TO YOU FOR REQUESTING A COPY. TO FACILITATE TIMELY DELIVERY PLEASE MAKE THE REQUEST, AS INSTRUCTED ABOVE, BEFORE AUGUST 9, 2023.

YOU MAY ENTER YOUR VOTING INSTRUCTIONS AT <u>HTTPS://www.iproxydirect.com/ensc</u> UNTIL 11:59 PM EASTERN TIME AUGUST 23, 2023.

THE PURPOSES OF THIS MEETING ARE AS FOLLOWS:

- TO ELECT THE TWO CLASS II DIRECTORS NAMED IN OUR PROXY STATEMENT (COLLECTIVELY, THE "DIRECTOR NOMINEES") TO HOLD OFFICE UNTIL THE ANNUAL MEETING OF STOCKHOLDERS FOR THE CALENDAR YEAR ENDED DECEMBER 31, 2025 AND UNTIL THEIR RESPECTIVE SUCCESSORS HAVE BEEN DULY ELECTED AND QUALIFIED ("PROPOSAL ONE");
- TO APPROVE THE AMENDMENT OF THE ENSYSCE BIOSCIENCES, INC. AMENDED AND RESTATED 2021 OMNIBUS INCENTIVE PLAN TO INCREASE THE AGGREGATE NUMBER OF SHARES OF THE COMPANY'S COMMON STOCK THAT MAY BE ISSUED UNDER THE PLAN FROM 31,296 SHARES TO 617,092 SHARES ("PROPOSAL TWO");
- 3. TO RATIFY THE APPOINTMENT MOSS ADAMS LLP AS OUR INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR THE FISCAL YEAR ENDING DECEMBER 31, 2023 ("PROPOSAL THREE"); AND
- 4. TO TRANSACT SUCH OTHER BUSINESS AS MAY PROPERLY COME BEFORE THE ANNUAL MEETING OR ANY ADJUSTMENT THEREOF.

PURSUANT TO SECURITIES AND EXCHANGE COMMISSION RULES, YOU ARE RECEIVING THIS NOTICE THAT THE PROXY MATERIALS FOR THE ANNUAL MEETING ARE AVAILABLE ON THE INTERNET. FOLLOW THE INSTRUCTIONS ABOVE TO VIEW THE MATERIALS AND VOTE OR REQUEST PRINTED COPIES.

THE BOARD OF DIRECTORS HAS FIXED THE CLOSE OF BUSINESS ON JULY 5, 2023 AS THE RECORD DATE FOR THE DETERMINATION OF STOCKHOLDERS ENTITLED TO RECEIVE NOTICE OF THE ANNUAL MEETING AND TO VOTE THE SHARES OF OUR COMMON STOCK, PAR VALUE \$.0001 PER SHARE, THEY HELD ON THAT DATE AT THE MEETING OR ANY POSTPONEMENT OR ADJOURNMENT OF THE MEETING.

THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE 'FOR' ALL PROPOSALS ABOVE.

PLEASE NOTE - THIS IS NOT A PROXY CARD - YOU CANNOT VOTE BY RETURNING THIS CARD

ENSYSCE BIOSCIENCES, INC. SHAREHOLDER SERVICES 1 Glenwood Avenue Suite 1001 Raleigh NC 27603

FIRST-CLASS MAIL US POSTAGE PAID RALEIGH NC PERMIT # 870

TIME SENSITIVE SHAREHOLDER INFORMATION ENCLOSED

IMPORTANT SHAREHOLDER INFORMATION

YOUR VOTE IS IMPORTANT