

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS
Scheduled For December 23, 2025 – To Be Adjourned to January 7, 2026

To Our Stockholders:

Notice is hereby given that an Annual Meeting of stockholders (the “Annual Meeting”) of Ensysce Biosciences, Inc., a Delaware corporation (the “Company” or “Ensysce”), scheduled to be held virtually at <https://www.cstproxy.com/ensysce/2025> on December 23, 2025, at 9:00 a.m. (Pacific time), will be adjourned and held virtually at <https://www.cstproxy.com/ensysce/2025> on January 7, 2026 at 9:00 a.m. (Pacific time), because the Ensysce Board of Directors has been advised that a quorum will not be present on December 23, 2025. The Annual Meeting will be held for the purposes described in the proxy statement for the Annual Meeting previously mailed. A proxy card for the Annual Meeting, which lists the matters to be considered, is attached and made a part of this Notice.

Whether or not you plan to attend the Annual Meeting, you are encouraged to read the Proxy Statement and then cast your vote as promptly as possible in accordance with the instructions contained in the Proxy Statement. Even if you have given your proxy, you may still vote online if you follow the instructions contained in the Proxy Statement.

By Order of the Board of Directors of
Ensysce Biosciences, Inc.

Sincerely,

/s/ Dr. Lynn Kirkpatrick

Dr. Lynn Kirkpatrick

President and Chief Executive Officer

La Jolla, California
December 16, 2025