

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

SCHEDULE 13G/A
Under the Securities Exchange Act of 1934
(Amendment No. 1)*

ENSYSCE BIOSCIENCES, INC.

(Name of Issuer)

COMMON STOCK, \$0.0001 PAR VALUE PER SHARE

(Title of Class of Securities)

293602207

(CUSIP Number)

December 31, 2023

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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SCHEDULE 13G

CUSIP NO. 293602207

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1 NAMES OF REPORTING PERSONS	
Lincoln Park Capital Fund, LLC	
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	
(a) <input type="checkbox"/>	
(b) <input type="checkbox"/>	
3 SEC USE ONLY	
4 CITIZENSHIP OR PLACE OF ORGANIZATION	
Illinois	
5	SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	0
6	SHARED VOTING POWER
7	SOLE DISPOSITIVE POWER
8	SHARED DISPOSITIVE POWER
	124,008
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	124,008
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	3.792%
12	TYPE OF REPORTING PERSON
	OO

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1 NAMES OF REPORTING PERSONS	
Lincoln Park Capital, LLC	
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	
(a) <input type="checkbox"/>	
(b) <input type="checkbox"/>	
3 SEC USE ONLY	
4 CITIZENSHIP OR PLACE OF ORGANIZATION	
Illinois	
5 SOLE VOTING POWER	
NUMBER OF	0
SHARES	6 SHARED VOTING POWER
BENEFICIALLY	124,008
OWNED BY	7 SOLE DISPOSITIVE POWER
EACH	0
REPORTING	8 SHARED DISPOSITIVE POWER
PERSON WITH:	124,008
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
124,008	
10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
3.792%	
12 TYPE OF REPORTING PERSON	
OO	

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CUSIP NO. 293602207

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1 NAMES OF REPORTING PERSONS	
Rockledge Capital Corporation	
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	
(a) <input type="checkbox"/>	
(b) <input type="checkbox"/>	
3 SEC USE ONLY	
4 CITIZENSHIP OR PLACE OF ORGANIZATION	
Texas	
5 SOLE VOTING POWER	
NUMBER OF	0
SHARES	6 SHARED VOTING POWER
BENEFICIALLY	124,008
OWNED BY	7 SOLE DISPOSITIVE POWER
EACH	0
REPORTING	8 SHARED DISPOSITIVE POWER
PERSON WITH:	124,008
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
124,008	

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

3.792%

12 TYPE OF REPORTING PERSON

CO

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1 NAMES OF REPORTING PERSONS

Joshua B. Scheinfeld

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5 SOLE VOTING POWER

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH:

0

6 SHARED VOTING POWER

124,008

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

124,008

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

124,008

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

3.792%

12 TYPE OF REPORTING PERSON

IN

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1 NAMES OF REPORTING PERSONS

Alex Noah Investors, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Illinois

5 SOLE VOTING POWER

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH:

0

6 SHARED VOTING POWER

124,008

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

124,008

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

124,008

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

3.792%

12 TYPE OF REPORTING PERSON

CO

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1 NAMES OF REPORTING PERSONS

Jonathan I. Cope

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5 SOLE VOTING POWER

0

6 SHARED VOTING POWER

124,008

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

124,008

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH:

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

124,008

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

3.792%

12 TYPE OF REPORTING PERSON

IN

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Item 1.

(a) **Name of Issuer:**

Ensysce Biosciences, Inc., a Delaware corporation (the "Issuer")

(b) **Address of Issuer's Principal Executive Offices:**

7946 Ivanhoe Avenue, Suite 201
La Jolla, California

Item 2.

(a) **Name of Person Filing:**

Lincoln Park Capital Fund, LLC (“LPC Fund”)
Lincoln Park Capital, LLC (“LPC”)
Rockledge Capital Corporation (“RCC”)
Joshua B. Scheinfeld (“Mr. Scheinfeld”)
Alex Noah Investors, Inc. (“Alex Noah”)
Jonathan I. Cope (“Mr. Cope” and, collectively with LPC Fund, LPC, RCC, Mr. Scheinfeld and Alex Noah, the “Reporting Persons”)

(b) **Address of Principal Business Office, or if None, Residence:**

The address of the principal business office of each of the Reporting Persons is:
440 North Wells, Suite 410
Chicago, Illinois 60654

(c) **Citizenship:**

LPC Fund is an Illinois limited liability company
LPC is an Illinois limited liability company
RCC is a Texas corporation
Mr. Scheinfeld is a United States citizen
Alex Noah is an Illinois corporation
Mr. Cope is a United States citizen

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(d) **Title of Class of Securities:**

Common Stock, par value \$0.0001 per share (“Common Stock”)

(e) **CUSIP Number:**

293602207

Item 3.

If this statement is filed pursuant to §§240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) [] Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o).
(b) [] Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
(c) [] Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
(d) [] Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
(e) [] An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
(f) [] An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
(g) [] A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
(h) [] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
(i) [] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
(j) [] A non-U.S. institution in accordance with §240.13d-1(b)(1)(ii)(J);
(k) [] Group, in accordance with §240.13d-1(b)(1)(ii)(K).

If filing as a non-U.S. institution in accordance with §240.13d-1(b)(1)(ii)(J), please specify the type of institution _____

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Item 4. Ownership.

Table with 7 columns: Reporting person, Amount beneficially owned1, Percent of class2, Sole power to vote or direct the vote, Shared power to vote or to direct the vote, Sole power to dispose or to direct the disposition of, Shared power to dispose or to direct the disposition of. Rows include Lincoln Park Capital Fund, LLC, Lincoln Park Capital, LLC, Rockledge Capital Corporation, Joshua B. Scheinfeld, Alex Noah Investors, Inc., and Jonathan I. Cope.

¹ Represents a warrant to purchase 124,008 shares of Common Stock (the "Warrant") purchased by LPC Fund directly from the Issuer. The Warrant is exercisable at \$8.58 per share and expires on August 7, 2028.

² As of December 31, 2023, LPC Fund beneficially owned 124,008 shares currently exercisable under the Warrant purchased directly from the Issuer. Based on the information contained in the Issuer's Prospectus on Form S-1/A, filed with the Securities and Exchange Commission on November 17, 2023, there was a total of 3,146,139 shares of common stock outstanding as of November 17, 2023, which does not include the shares issuable upon exercise of the Warrant issued to LPC Fund. The percentage is calculated as of November 17, 2023, and assumes that all of the shares of Common Stock currently underlying the Warrant were issued and outstanding as of December 31, 2023.

LPC is the Managing Member of LPC Fund. RCC and Alex Noah are the Managing Members of LPC. Mr. Scheinfeld is the president and sole shareholder of RCC, as well as a principal of LPC. Mr. Cope is the president and sole shareholder of Alex Noah, as well as a principal of LPC. As a result of the foregoing, Mr. Scheinfeld and Mr. Cope have shared voting and shared investment power over the shares of Common Stock of the Issuer held directly by LPC Fund.

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Pursuant to Section 13(d) of the Act and the rules thereunder, each of LPC, RCC, Mr. Scheinfeld, Alex Noah, and Mr. Cope may be deemed to be a beneficial owner of the shares of Common Stock of the Issuer beneficially owned directly by LPC Fund.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any shares of Common Stock owned by another Reporting Person. Pursuant to Rule 13d-4 of the Act, each of LPC, RCC, Mr. Scheinfeld, Alex Noah, and Mr. Cope disclaims beneficial ownership of the shares of Common Stock of the Issuer held directly by LPC Fund.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certifications.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2024

LINCOLN PARK CAPITAL FUND, LLC

LINCOLN PARK CAPITAL, LLC

BY: LINCOLN PARK CAPITAL, LLC

BY: ROCKLEDGE CAPITAL CORPORATION

BY: ROCKLEDGE CAPITAL CORPORATION

By: /s/ Joshua B. Scheinfeld
Name: Joshua B. Scheinfeld
Title: President

By: /s/ Joshua B. Scheinfeld
Name: Joshua B. Scheinfeld
Title: President

LINCOLN PARK CAPITAL FUND, LLC

BY: LINCOLN PARK CAPITAL, LLC

BY: ALEX NOAH INVESTORS, INC.

By: /s/ Jonathan I. Cope
Name: Jonathan I. Cope
Title: President

ROCKLEDGE CAPITAL CORPORATION

By: /s/ Joshua B. Scheinfeld
Name: Joshua B. Scheinfeld
Title: President

JOSHUA B. SCHEINFELD

By: /s/ Joshua B. Scheinfeld
Name: Joshua B. Scheinfeld
Title: President

LINCOLN PARK CAPITAL, LLC

BY: ALEX NOAH INVESTORS, INC.

By: /s/ Jonathan I. Cope
Name: Jonathan I. Cope
Title: President

ALEX NOAH INVESTORS, INC.

By: /s/ Jonathan I. Cope
Name: Jonathan I. Cope
Title: President

JONATHAN I. COPE

By: /s/ Jonathan I. Cope
Name: Jonathan I. Cope
Title: President

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LIST OF EXHIBITS

<u>Exhibit No.</u>	<u>Description</u>
99.1	Joint Filing Agreement

Joint Filing Agreement

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(k)(1). Each of them is responsible for the timely filing of such Schedule 13G, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

In accordance with Rule 13d-1(k)(1) promulgated under the Securities and Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with each other on behalf of each of them of such Schedule 13G with respect to the Common Stock of the Issuer, beneficially owned by each of them. This Joint Filing Agreement shall be included as an exhibit to such Schedule 13G.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement as of February 14, 2023.

LINCOLN PARK CAPITAL FUND, LLC

BY: LINCOLN PARK CAPITAL, LLC

BY: ROCKLEDGE CAPITAL CORPORATION

By: /s/ Joshua B. Scheinfeld
Name: Joshua B. Scheinfeld
Title: President

LINCOLN PARK CAPITAL FUND, LLC

BY: LINCOLN PARK CAPITAL, LLC

BY: ALEX NOAH INVESTORS, INC.

By: /s/ Jonathan I. Cope
Name: Jonathan I. Cope
Title: President

ROCKLEDGE CAPITAL CORPORATION

By: /s/ Joshua B. Scheinfeld
Name: Joshua B. Scheinfeld
Title: President

JOSHUA B. SCHEINFELD

By: /s/ Joshua B. Scheinfeld
Name: Joshua B. Scheinfeld
Title: President

LINCOLN PARK CAPITAL, LLC

BY: ROCKLEDGE CAPITAL CORPORATION

By: /s/ Joshua B. Scheinfeld
Name: Joshua B. Scheinfeld
Title: President

LINCOLN PARK CAPITAL, LLC

BY: ALEX NOAH INVESTORS, INC.

By: /s/ Jonathan I. Cope
Name: Jonathan I. Cope
Title: President

ALEX NOAH INVESTORS, INC.

By: /s/ Jonathan I. Cope
Name: Jonathan I. Cope
Title: President

JONATHAN I. COPE

By: /s/ Jonathan I. Cope
Name: Jonathan I. Cope
Title: President
