

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

☐ Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person * <u>Aggarwal Gaurav</u> (Last) (First) (Middle) <u>C/O UNICYCIVE THERAPEUTICS, INC.</u> <u>4300 EL CAMINO REAL SUITE 210</u> (Street) <u>LOS ALTOS</u> <u>CA</u> <u>94022</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Unicycive Therapeutics, Inc. [UNCY]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ☒ Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/25/2025</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
<u>Common Stock</u>	<u>08/25/2025</u>		<u>C</u>		<u>652,900</u>	<u>A</u>	<u>(1)</u>	<u>1,789,915</u>	<u>I</u>	<u>By Vivo Opportunity Fund Holdings L.P. (2)</u>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
<u>Series A-2 Prime Preferred Stock</u>	<u>\$4.9</u>	<u>08/25/2025</u>		<u>D</u>			<u>3,199.21</u>	<u>(3)</u>	<u>(3)</u>	<u>Common Stock</u>	<u>652,900</u>	<u>\$1,000</u>	<u>0</u>	<u>I</u>	<u>By Vivo Opportunity Fund Holdings L.P. (2)</u>

Explanation of Responses:

1. Each share of Series A-2 Prime Preferred Stock is convertible into a number of shares of Common Stock obtained by dividing the Original Per Share Price (\$1,000) by \$4.90, subject to blocking provisions. Capitalized terms used but not defined herein shall have the meanings set forth in the Amended and Restated Certificate of Designation of Series A Convertible Voting Preferred Stock, filed as an exhibit to the Issuer's Periodic Report on Form 8-K on March 14, 2024.
2. Vivo Opportunity Fund Holdings, L.P. is the record holder of the securities. The Reporting Person is a managing member of Vivo Opportunity, LLC, which is the general partner of Vivo Opportunity Fund Holdings, L.P. The Reporting Person disclaims beneficial ownership over such securities except to the extent of his pecuniary interest therein, and the inclusion of such securities in this report shall not be deemed an admission of beneficial ownership of the reported securities for purposes of Section 16 or for any other purposes.
3. The shares of Series A-2 Prime Preferred Stock were issued on March 14, 2024 and do not have an expiration date.

/s/ Gaurav Aggarwal

08/26/2025

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.