FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 3235-0287 OMB Number: Estimated average burden

0.5

hours per response:

obligations may continue. See Instruction 1(b)

Check this box if no longer subject to Section 16. Form 4 or Form 5

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.

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

1. Name and Address of Reporting Person* Pimblett Emily	2. Issuer Name and Ticker or Trading Symbol Eliem Therapeutics, Inc. [ELYM]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title Other (specify
(Last) (First) (Middle) C/O ELIEM THERAPEUTICS, INC. PMB #117 2801 CENTERVILLE ROAD 1ST	3. Date of Earliest Transaction (Month/Day/Year) 09/18/2024	below) below) CHIEF ACCOUNTING OFFICER
FLOOR (Street) WILMINGTON DE 19808 (City) (State) (Zip)	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 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 2. Transaction 2A. Deemed 1. Title of Security (Instr. 3) 5. Amount of 6. Ownership 7. Nature Execution Date Transaction Securities Form: Direct (D) or Indirect of Indirect Beneficial Code (Instr. 8) (Month/Day/Year) if any 5) Beneficially (Month/Day/Year) Owned Following (I) (Instr. 4) Ownership Reported (Instr. 4) (A) or (D) Code Amount Price (Instr. 3 and 4) (1) 09/18/2024 Common Stock 5,000 M A 8,755 D **S**⁽²⁾ Common Stock 09/20/2024 1,182 D \$8.18 7,573 D **S**(2) Common Stock 09/20/2024 D 7,564 D \$8.06

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of 3. Transaction 3A. Deemed 5. Number 6. Date Exercisable and 7. Title and 8. Price of Derivative 9. Number of 10. 11. Nature Execution Date, if any Ownership Form: Derivative Conversion Date (Month/Day/Year) Transaction Code (Instr. Expiration Date (Month/Day/Year) Amount of derivative of Indirect of Derivative Securities or Exercise Beneficial Security Security Securities Direct (D) or Indirect Ownership Price of Derivative Underlying Derivative Security (Instr. 3) (Month/Day/Year) 8) Securities (Instr. 5) Beneficially Acquired (Instr. 4) (A) or Disposed of (D) (Instr. 3, 4 Security (Instr. 3 and 4) Following (I) (Instr. 4) Reported Transaction(s) (Instr. 4) and 5) Amount Number Expiration Date Date Exercisable of Shares ν (D) Code (A) Title Restricted Commo 5,000 Stock (3) 09/18/2024 5,000 (4) (4) \$<mark>0</mark> 30,000 D Units

Explanation of Responses:

- 1. Each restricted stock unit ("RSU") converted into one share of the Issuer's Common Stock.
- 2. The sale reported on this Form 4 was made pursuant to a 10b5-1 trading plan adopted by the Reporting Person on April 27, 2024 to cover tax withholding obligations in connection with the vesting and settlement of the Reporting Person's RSUs.
- 3. Each RSU represents a contingent right to receive one share of the Issuer's Common Stock
- 4. The shares subject to this RSU shall vest at a rate of 1/8th of the total number of shares on the three-month anniversary of March 18, 2024 (the "March 2024 Vesting Commencement Date") and 1/8th of the total number of shares each three-month anniversary of the March 2024 Vesting Commencement Date thereafter for so long as the Reporting Person provides continuous service to the Issuer, such that the total number of shares shall be fully vested on the two-year anniversary of the March 2024 Vesting Commencement Date.

/s/ Emily Pimblett 09/20/2024 ** 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.