# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# **SCHEDULE 13D**

Under the Securities Exchange Act of 1934 (Amendment No. 1)\*

# Eliem Therapeutics, Inc.

(Name of Issuer)

Common Stock, par value \$0.0001 per share (Title of Class of Securities)

28658R106 (CUSIP Number)

Alejandro Moreno Langhorne S. Perrow c/o Access Industries, Inc. 40 West 57<sup>th</sup> Street, 28th Floor New York, New York 10019 (212) 247-6400

with copies to:

Nicholas P. Pellicani Debevoise & Plimpton LLP 65 Gresham Street EC2V 7NQ London + 44 20 7786 9000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

August 10, 2023 (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rules 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.

1	NAME OF REPORTING PERSON.						
	AI ETI LLC						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)						
	(a)						
3							
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)						
	<b>A.</b> E.						
5	AF  CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)						
	CITIZENCIII	D OD	PLACE OF ORGANIZATION				
6	CHIZENSHI	POR	PLACE OF ORGANIZATION				
	State of Delay						
		7	SOLE VOTING POWER				
N	UMBER OF		5,009,400 shares				
BE	SHARES NEFICIALLY	8	SHARED VOTING POWER				
C	OWNED BY EACH		0 shares				
R	<b>EPORTING</b>	9	SOLE DISPOSITIVE POWER				
	PERSON WITH		5,009,400 shares				
WIIII		10	SHARED DISPOSITIVE POWER				
			0 shares				
11							
	5,009,400 shares						
12	CHECK IF T	HE A	GGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)				
13	PERCENT O	F CL	ASS REPRESENTED BY AMOUNT IN ROW (11);				
	18.5%(1)						
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)						
	OO (Limited Liability Company)						

(1) Based on an aggregate of 27,089,240 shares of Common Stock issued and outstanding on August 8, 2023, as reported in the Issuer's Form 10-Q filed with the Securities and Exchange Commission (the "SEC") on August 10, 2023.

1	NAME OF REPORTING PERSON.						
	Access Industries Holdings LLC						
2							
	(a)						
3							
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)						
5	AF  CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)						
3		1002	2001H 01 H201H 1110 0H20 10 1H <b>Q</b> 0HH2D 1 010 0H11 10 11H110 <b>2</b> (0) 01 <b>2</b> (0)				
6	CITIZENSHI	P OR	PLACE OF ORGANIZATION				
	State of Dela	ware					
		7	SOLE VOTING POWER				
N	UMBER OF		0 shares				
BE	SHARES NEFICIALLY	8	SHARED VOTING POWER				
	OWNED BY		5,009,400 shares				
R	EACH EPORTING	9	SOLE DISPOSITIVE POWER				
	PERSON		0 shares				
WITH		10	SHARED DISPOSITIVE POWER				
			5,009,400 shares				
11							
	5,009,400 shares						
12							
13		F CL	ASS REPRESENTED BY AMOUNT IN ROW (11);				
	18.5%(1)						
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)						
	OO (Limited Liability Company)						

(1) Based on an aggregate of 27,089,240 shares of Common Stock issued and outstanding on August 8, 2023, as reported in the Issuer's Form 10-Q filed with the SEC on August 10, 2023.

1	NAME OF REPORTING PERSON.						
	Access Industries Management, LLC						
2							
	(a)						
3							
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)						
5	AF  CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)						
6	CITIZENSHIP OR PLACE OF ORGANIZATION						
	State of Delay	ware					
		7	SOLE VOTING POWER				
NUMBER OF			0 shares				
BE	SHARES NEFICIALLY	8	SHARED VOTING POWER				
C	OWNED BY		5,009,400 shares				
R	EACH EPORTING	9	SOLE DISPOSITIVE POWER				
PERSON WITH			0 shares				
		10	SHARED DISPOSITIVE POWER				
			5,009,400 shares				
11							
	5,009,400 shares						
12							
13		F CL	ASS REPRESENTED BY AMOUNT IN ROW (11);				
	18.5%(1)						
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)						
	OO (Limited Liability Company)						

(1) Based on an aggregate of 27,089,240 shares of Common Stock issued and outstanding on August 8, 2023, as reported in the Issuer's Form 10-Q filed with the SEC on August 10, 2023.

1	1 NAME OF REPORTING PERSON.					
	Len Blavatnik					
2						
	(a) □ (b) □					
3						
4	4 SOURCE OF FUNDS (SEE INSTRUCTIONS)					
-						
-	AF					
Э	5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)					
6	CITIZENSHI	P OR	PLACE OF ORGANIZATION			
	United States	of An	nerica			
		7	SOLE VOTING POWER			
N	UMBER OF		0 shares			
PE.	SHARES NEFICIALLY	8	SHARED VOTING POWER			
	OWNED BY		5,009,400 shares			
D	EACH EPORTING	9	SOLE DISPOSITIVE POWER			
K	PERSON					
	WITH	10	0 shares SHARED DISPOSITIVE POWER			
44	A CODEC AT		5,009,400 shares			
11	AGGREGAI	E AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	5,009,400 shares					
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)					
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);					
	18.5%(1)					
14						
	IN					

<sup>(1)</sup> Based on an aggregate of 27,089,240 shares of Common Stock issued and outstanding on August 8, 2023, as reported in the Issuer's Form 10-Q filed with the SEC on August 10, 2023.

#### CONTINUATION PAGES TO SCHEDULE 13D

This Amendment No. 1 to the Schedule is being filed by AI ETI LLC ("AI ETI"), Access Industries Holdings LLC ("AIH"), Access Industries Management, LLC ("AIM") and Len Blavatnik (collectively, the "Reporting Persons", and each, a "Reporting Person") in respect of common stock, par value \$0.0001 per share (the "Common Stock"), of Eliem Therapeutics, Inc. (the "Issuer").

The Schedule 13D filed by the Reporting Persons with the Securities and Exchange Commission (the "SEC") on August 23, 2021 (the "Schedule"), is hereby amended and supplemented by the Reporting Persons as set forth below in this Amendment No 1. This amendment is filed by the Reporting Persons in accordance with Rule 13d-2 of the Securities Exchange Act of 1934, as amended, and refers only to information that has materially changed since the filing of the Schedule. The items identified below, or the particular paragraphs of such items which are identified below, are amended as set forth below. Unless otherwise indicated, all capitalized terms used and not defined herein have the respective meanings assigned to them in the Schedule.

#### Item 5 Interest in Securities of the Issuer

Item 5 to the Schedule is hereby amended and restated as follows:

(a) and (b) The responses of each of the Reporting Persons with respect to Rows 11, 12, and 13 of the cover pages of this Schedule 13D that relate to the aggregate number and percentage of common stock (including but not limited to footnotes to such information) are incorporated herein by reference.

The responses of each of the Reporting Persons with respect to Rows 7, 8, 9, and 10 of the cover pages of this Schedule 13D that relate to the number of common stock as to which each of the persons or entities referenced in Item 2 above has sole or shared power to vote or to direct the vote of and sole or shared power to dispose of or to direct the disposition of (including but not limited to footnotes to such information) are incorporated herein by reference.

5,009,400 shares of Common Stock are owned directly by AI ETI and may be deemed to be beneficially owned by AIH, AIM and Mr. Blavatnik because (i) AIH indirectly controls all of the outstanding voting interests in AI ETI, (ii) AIM controls AIH and (iii) Mr. Blavatnik controls AIM and holds a majority of the outstanding voting interests in AIH. Each of the Reporting Persons (other than AI ETI), and each of their affiliated entities and the officers, partners, members and managers thereof, disclaims beneficial ownership of these securities.

- (c) The following transactions in the Issuer's securities have been effected by Reporting Persons within the 60 days prior to this filing: None.
- (d) Not applicable.
- (e) Not applicable.

#### Item 7 Materials to Be Filed as Exhibits

The disclosure in Item 7 is hereby supplemented by adding the following in appropriate numerical order:

### Exhibit Description

99.5 Joint Filing Agreement, dated as of November 13, 2023.

#### **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.

Date: November 13, 2023

AI ETI LLC By: Access Industries Management, LLC, its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno Title: Executive Vice President

ACCESS INDUSTRIES HOLDINGS LLC

By: Access Industries Management, LLC, its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno Title: Executive Vice President

ACCESS INDUSTRIES MANAGEMENT, LLC /s/ Alejandro Moreno

Name: Alejandro Moreno Title: Executive Vice President

/s/ \*

Name: Leonard Blavatnik

By: /s/ Alejandro Moreno

Name: Alejandro Moreno Attorney-in-Fact

<sup>\*</sup> The undersigned, by signing his name hereto, executes this Amendment No. 1 to Schedule 13D pursuant to the Limited Power of Attorney executed on behalf of Mr. Blavatnik and filed herewith.

#### **Joint Filing Agreement**

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(k)(1) promulgated under the Securities Exchange Act of 1934, as amended. Each of them is responsible for the timely filing of such Schedule 13D and any amendments thereto, 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 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 a statement on Schedule 13D (and any amendments thereto) with respect to the Common Stock owned by each of them, of Eliem Therapeutics, Inc., a corporation incorporated under the laws of the State of Delaware. This Joint Filing Agreement shall be included as an exhibit to such Schedule 13D.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned hereby execute this Joint Filing Agreement as of the 13th day of November, 2023. AI ETI LLC By: Access Industries Management, LLC, its Manager /s/ Alejandro Moreno Name: Alejandro Moreno Title: Executive Vice President ACCESS INDUSTRIES HOLDINGS LLC By: Access Industries Management, LLC, its Manager /s/ Alejandro Moreno Name: Alejandro Moreno Title: Executive Vice President /s/ Alejandro Moreno ACCESS INDUSTRIES MANAGEMENT, LLC Name: Alejandro Moreno Title: Executive Vice President Name: Len Blavatnik

By: /s/ Alejandro Moreno

Name: Alejandro Moreno Attorney-in-Fact

<sup>\*</sup> The undersigned, by signing his name hereto, executes this Joint Filing Agreement pursuant to the Limited Power of Attorney executed on behalf of Mr. Blavatnik and filed herewith.