

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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* <u>Lyssikatos Joseph P</u>			2. Issuer Name and Ticker or Trading Symbol <u>Enliven Therapeutics, Inc. [ ELVN ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <b>Chief Scientific Officer</b>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>12/21/2023</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
<u>C/O ENLIVEN THERAPEUTICS, INC.</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
<u>6200 LOOKOUT ROAD</u>			Rule 10b5-1(c) Transaction Indication <input checked="" type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.					
(Street)								
<u>BOULDER</u>	<u>CO</u>	<u>80301</u>						
(City)	(State)	(Zip)						

**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			
Common Stock	12/21/2023		M <sup>(1)</sup>		20	A	\$ 1.12	20	D	
Common Stock	12/21/2023		S <sup>(1)</sup>		20	D	\$13	0	D	
Common Stock	12/22/2023		M <sup>(1)</sup>		6,546	A	\$ 1.12	6,546	D	
Common Stock	12/22/2023		S <sup>(1)</sup>		6,546	D	\$13.066 <sup>(2)</sup>	0	D	
Common Stock								1,117,035	I	See footnote <sup>(3)</sup>

**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
Stock Option (right to buy)	\$1.12	12/21/2023		M <sup>(1)</sup>			20	(4)	06/15/2030	Common Stock	20	\$0.00	315,096	D	
Stock Option (right to buy)	\$1.12	12/22/2023		M <sup>(1)</sup>			6,546	(4)	06/15/2030	Common Stock	6,546	\$0.00	308,550	D	

**Explanation of Responses:**

- The option exercises and sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on June 26, 2023.
- This transaction was executed in multiple trades at prices ranging from \$13.00 to \$13.29. The price reported above reflects the weighted average sale price. The Reporting Person undertakes to provide upon request by the staff of the Securities and Exchange Commission, the Issuer, or a security holder of the Issuer, full information regarding the number of shares sold at each separate sale price.
- The shares are held by The Lyssikatos Revocable Trust 12/15/2011 for which the Reporting Person serves as trustee.
- The option, originally for 344,550 shares, is subject to an early exercise provision and is immediately exercisable. Shares subject to the option vest in 48 equal monthly installments beginning on May 3, 2020.

**Remarks:**

/s/ Ben Hohl, by power of attorney 12/26/2023  
\*\* 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.