

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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).

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>Shendelman Shoshana</u> (Last) (First) (Middle) C/O APPLIED THERAPEUTICS, INC. 545 FIFTH AVENUE, SUITE 1400 (Street) NEW YORK NY 10017 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Applied Therapeutics, Inc. [APLT]</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) <u>President and CEO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/05/2024</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		Rule 10b5-1(c) Transaction Indication <input 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.

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	08/05/2024		G		747,886	D	\$0	0	I	See footnote ⁽¹⁾
Common Stock	08/05/2024		G	V	747,886	A	\$0	747,886	I	See footnote ⁽²⁾
Common Stock	08/12/2024		S		300,000	D	\$5.98 ⁽³⁾	5,167,853	D	
Common Stock	08/13/2024		S		357,423	D	\$6.18 ⁽⁴⁾	4,810,430	D	
Common Stock	08/14/2024		S		119,591	D	\$5.93 ⁽⁵⁾	4,690,839	D	
Common Stock								1,492,094	I	See footnote ⁽⁶⁾
Common Stock								290,280	I	See footnote ⁽⁷⁾
Common Stock								88,397	I	See footnote ⁽⁸⁾

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)					

Explanation of Responses:

- Through a grantor retained annuity trust. Upon termination of the trust, 747,886 shares of the issuer's common stock were distributed to a family trust controlled by the reporting person. The remaining shares were distributed to the reporting person and continue to be reported in this Form 4 as directly owned.
- Through a family trust controlled by the reporting person.
- Weighted average price. These shares were sold by the reporting person in multiple transactions at prices ranging from \$5.57 to \$6.205, inclusive. The reporting person undertakes to provide the issuer, any security holder of the issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth above.
- Weighted average price. These shares were sold by the reporting person in multiple transactions at prices ranging from \$5.82 to \$6.39, inclusive. The reporting person undertakes to provide the issuer, any security holder of the issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth above.
- Weighted average price. These shares were sold by the reporting person in multiple transactions at prices ranging from \$5.825 to \$6.265, inclusive. The reporting person undertakes to provide the issuer, any security holder of the issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth above.
- Through a family trust controlled by the reporting person.
- Through a family trust controlled by the reporting person.
- Through Clearpoint Strategy Group LLC of which the reporting person is the sole owner.

/s/ Shoshana Shendelman

08/14/2024

** 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.