

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

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

1. Name and Address of Reporting Person* <u>Shendelman Shoshana</u>			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 <input checked="" type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) President and CEO		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>05/28/2020</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		
C/O APPLIED THERAPEUTICS, INC. 545 FIFTH AVENUE, SUITE 1400			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <u>NEW YORK NY 10017</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	02/28/2020		G ⁽¹⁾	V	290,280	D	\$0.00	3,014,005	D	
Common Stock	02/28/2020		G ⁽¹⁾	V	709,720	D	\$0.00	2,304,285	D	
Common Stock	02/28/2020		G ⁽¹⁾	V	290,280	A	\$0.00	290,280	I	See footnote ⁽²⁾
Common Stock	02/28/2020		G ⁽¹⁾	V	709,720	A	\$0.00	709,720	I	See footnote ⁽³⁾
Common Stock								1,750,000	I	See footnote ⁽⁴⁾
Common Stock	05/28/2020		M ⁽⁵⁾		27,624	A	\$1	581,909	D	
Common Stock	05/28/2020		M ⁽⁵⁾		97,376	A	\$1.44	679,285	D	
Common Stock	05/28/2020		S		125,000	D	\$42.7 ⁽⁶⁾	554,285	D	
Common Stock								88,397	I	See footnote ⁽⁷⁾
Common Stock								1,492,094	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)	Date Exercisable	Expiration Date						Title
Stock Option (Right to Buy)	\$1	05/28/2020		M ⁽⁵⁾			27,624	(9)	03/27/2027	Common Stock	27,624	\$0.00	0	D	
Stock Option (Right to Buy)	\$1.44	05/28/2020		M ⁽⁵⁾			97,376	(10)	03/07/2028	Common Stock	97,376	\$0.00	629,605	D	

Explanation of Responses:

- These transactions do not reflect sales, but reflect gifts made for estate-planning purposes from the reporting person to her spouse and/or associated trust.
- Through a family trust controlled by the reporting person.
- Through reporting person's spouse.
- Through a grantor retained annuity trust.
- These transactions reflect the exercise of previously vested stock options.
- On May 28, 2020, the reporting person exercised options to purchase 125,000 shares of common stock and sold such shares in a block trade negotiated at a discount from the market closing price of \$46.92 per share, for a gross sales price of \$42.70.
- Through Clearpoint Strategy Group LLC of which the reporting person is the sole owner.
- Through a family trust controlled by the reporting person's spouse.
- These options became fully vested on April 22, 2019.
- These options became fully vested on March 7, 2020.

Remarks:

/s/ Shoshana Shendelman

06/01/2020

** 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.