FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20	20549
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	OMB APPROVAL									
	OMB Number:	3235-0287								
	Estimated average burden									
- 1	hours por rosponso:	0.5								

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

								. ,													
Name and Address of Reporting Person*     MARCUS JOEL S						2. Issuer Name <b>and</b> Ticker or Trading Symbol Applied Therapeutics Inc. [ APLT ]										elationship o	.,		son(s) to Iss 10% Ov		
(Last)	(F	irst)	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 09/15/2023										Officer below)	er (give title v)		Other (s below)	specify	
C/O APPLIED THERAPEUTICS, INC. 545 FIFTH AVENUE, SUITE 1400					4. II	4. If Amendment, Date of Original Filed (Month/Day/Year)										6. Individual or Joint/Group Filing (Check Applicable Line)					
																X Form filed by One Reporting Person					
(Street) NEW YORK NY 10017													Form filed by More than One Reporting Person								
					· Rι	Rule 10b5-1(c) Transaction Indication															
(City) (State) (Zip)					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.												i to				
		Tab	le I - Non	-Deriv	ative	e Se	curit	ies Ac	quir	red, D	isp	osed o	f, or Bo	ene	ficially	y Owned					
1. Title of Security (Instr. 3)  2. Transa Date (Month/Date)						ay/Year) Execution		Deemed cution Date, ny nth/Day/Year)		Transaction Dis		Disposed	Securities Acquired (A) sposed Of (D) (Instr. 3, 4			5. Amou Securitie Beneficia Owned F	s ally following	6. Ownership Form: Direct (D) or Indirec (I) (Instr. 4)	n: Direct r Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership	
									c	Code	,	Amount	(A) (D)	or	Price	Reported Transact (Instr. 3 a	tion(s)			(Instr. 4)	
Common Stock 09/15/					5/202	5/2023			M		12,375 A		\$1.05	5 453,414			D				
	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 D if any (Month/Day/	ate,	4. Transa Code (I 8)		of Deri Seci Acq (A) o Disp of (I	umber vative urities uired or oosed O) (Instr. and 5)	Expi	6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amo of Securities Underlying Derivative Secu (Instr. 3 and 4)			8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	e S Illy	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership t (Instr. 4)	
					Code	v	(A)	(D)	Date Exer	e rcisable		xpiration ate	Title	or Ni of	umber						
Employee Stock Option (Right to Buy)	\$1.05	09/15/2023			М			12,375		(1)	00	6/02/2032	Common Stock	1	2,375	\$0.00	0		D		

## Explanation of Responses:

1. These options are fully vested.

## Remarks:

/s/ Shoshana Shendelman, as attorney-in-fact

09/19/2023

\*\* 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.