

OMB APPROVAL	
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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>ALEXANDRIA REAL ESTATE EQUITIES, INC.</u>  (Last) (First) (Middle) 26 NORTH EUCLID AVENUE  (Street) PASADENA CA 91101  (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)  Director <input checked="" type="checkbox"/> 10% Owner  Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 10/31/2023	
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	10/31/2023		S		155,000	D	\$2.41 <sup>(1)</sup>	6,000,077	I	By subsidiary <sup>(2)</sup>
Common Stock	11/01/2023		S		172,742	D	\$2.36 <sup>(3)</sup>	5,827,335	I	By subsidiary <sup>(2)</sup>
Common Stock								778,977	I	By subsidiary <sup>(4)</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					

1. Name and Address of Reporting Person\*  
ALEXANDRIA REAL ESTATE EQUITIES, INC.  
 (Last) (First) (Middle)  
 26 NORTH EUCLID AVENUE  
 (Street)  
 PASADENA CA 91101  
 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
Alexandria Venture Investments, LLC  
 (Last) (First) (Middle)  
 26 NORTH EUCLID AVENUE  
 (Street)  
 PASADENA CA 91101  
 (City) (State) (Zip)

1. Name and Address of Reporting Person\*

Alexandria Equities No. 7, LLC

(Last) (First) (Middle)

26 NORTH EUCLID AVENUE

(Street)  
PASADENA CA 91101

(City) (State) (Zip)

**Explanation of Responses:**

1. The price reported in Column 4 is a weighted average price. The shares were sold at prices ranging from \$2.40 to \$2.47. The reporting person will provide upon request to the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each separate price.
2. These securities are held directly by Alexandria Venture Investments, LLC, an affiliate of Alexandria Equities No. 7, LLC ("AE7"), a wholly owned subsidiary of Alexandria Real Estate Equities, Inc.
3. The price reported in Column 4 is a weighted average price. The shares were sold at prices ranging from \$2.32 to \$2.46. The reporting person will provide upon request to the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each separate price.
4. These securities are held directly by AE7, a wholly owned subsidiary of Alexandria Real Estate Equities, Inc.

**Remarks:**

ALEXANDRIA EQUITIES  
NO. 7, LLC By: ARE-Special  
Services, LLC, managing  
member By: ALEXANDRIA  
REAL ESTATE EQUITIES,  
L.P., managing member By: 11/02/2023  
ARE-QRS CORP., general  
partner By: /s/ Marc E. Binda,  
Chief Financial Officer and  
Treasurer  
By: /s/ Marc E. Binda, Chief  
Financial Officer and  
Treasurer ALEXANDRIA  
EQUITIES NO. 7, LLC By: 11/02/2023  
ARE-Special Services, LLC,  
managing member  
By: ALEXANDRIA REAL  
ESTATE EQUITIES, L.P.,  
managing member By: ARE-  
QRS CORP., general partner 11/02/2023  
By: /s/ Marc E. Binda, Chief  
Financial Officer and  
Treasurer

\*\* 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.