

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

**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

1. Name and Address of Reporting Person* <u>Shacham Sharon</u>  (Last) (First) (Middle) <u>C/O KARYOPHARM THERAPEUTICS INC.</u> <u>85 WELLS AVENUE</u>  (Street) <u>NEWTON MA 02459</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Karyopharm Therapeutics Inc. [ KPTI ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President &amp; CSO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/18/2017</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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	12/18/2017		M <sup>(1)</sup>		10,000	A	\$0.264	522,143	I	By Spouse
Common Stock	12/18/2017		S <sup>(1)</sup>		10,000	D	\$9.1553 <sup>(2)</sup>	512,143	I	By Spouse
Common Stock								713,510	D	
Common Stock								47,309	I	By GRAT <sup>(3)</sup>
Common Stock								47,309	I	By Spouse's GRAT <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						Title
Stock Option (right to buy)	\$0.264	12/18/2017		M <sup>(1)</sup>			10,000	(5)	12/13/2021	Common Stock	10,000	\$0.00	32,424	I	By Spouse

**Explanation of Responses:**

- These transactions were effected pursuant to a Rule 10b5-1 trading plan adopted by the spouse of the reporting person.
- Represents the weighted average sale price. These shares were sold in multiple transactions at prices ranging from \$9.0501 to \$9.3500, inclusive. The reporting person undertakes to provide upon request by the U.S. Securities and Exchange Commission staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- These shares are held by the Sharon Shacham 2016 Qualified Annuity Interest Trust.
- These shares are held by the Michael G. Kauffman 2016 Qualified Annuity Interest Trust.
- This option, representing a right to purchase a specified number of shares, vested as to 25% of the shares on December 12, 2012, and the remaining 75% vested in 36 equal monthly installments thereafter.

**Remarks:**

/s/Christopher B. Primiano,  
Attorney-in-Fact for Sharon 12/20/2017  
Shacham

\*\* 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.**