

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).

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>Shah Jatin</u> (Last) (First) (Middle) <u>C/O KARYOPHARM THERAPEUTICS INC.</u> <u>85 WELLS AVE.</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>EVP, Chief Medical Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>07/11/2019</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			

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)	\$7.61	07/11/2019		A		25,700		(1)	07/10/2029	Common Stock	25,700	\$0.00	25,700	D	
Restricted Stock Units	(2)	07/11/2019		A		9,650		(3)	(3)	Common Stock	9,650	\$0.00	9,650	D	

Explanation of Responses:

- This option was granted on July 11, 2019. The shares underlying this option vest as to 25% of the shares on July 11, 2020, with the remaining 75% vesting in 36 equal monthly installments thereafter.
- Each restricted stock unit represents a contingent right to receive one share of Karyopharm Therapeutics Inc. common stock.
- The restricted stock units vest in four equal annual installments beginning July 11, 2020, the first anniversary of the grant date. Vested shares will be delivered to the reporting person as soon as possible following each vesting date, but in any event within 30 days of such date.

Remarks:

/s/ Christopher B. Primiano as
Attorney-in-Fact for Jatin Shah 07/15/2019

** 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.

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