

Karyopharm Therapeutics Inc.  
Form 4  
May 23, 2014

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

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 OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
PAKIANATHAN DEEPIKA

2. Issuer Name and Ticker or Trading Symbol  
Karyopharm Therapeutics Inc.  
[KPTI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

DELPHI VENTURES, 3000 SAND HILL RD., BLDG 1, STE 135

05/21/2014

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

MENLO PARK, CA 94025

(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	05/21/2014		P	91,754 A \$ 26.194 (1)	2,174,550	I	By Delphi Ventures VIII, L.P. (2)
Common Stock	05/21/2014		P	896 A \$ 26.194 (1)	21,233	I	By Delphi BioInvestments VIII, L.P. (2)
Common Stock	05/22/2014		P	19,807 A \$ 26.0902 (3)	2,194,357	I	By Delphi Ventures VIII, L.P. (2)
Common Stock	05/22/2014		P	193 A \$	21,426	I	By Delphi

Stock					26.0902 (3)				BioInvestments VIII, L.P. (2)
Common Stock	05/23/2014		P	1,752	A	\$ 26.4466 (4)	2,196,109	I	By Delphi Ventures VIII, L.P. (2)
Common Stock	05/23/2014		P	17	A	\$ 26.4466 (4)	21,443	I	By Delphi BioInvestments VIII, L.P. (2)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**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 control number.**

SEC 1474  
(9-02)

**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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 6)
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## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director    10% Owner    Officer    Other

PAKIANATHAN DEEPIKA  
DELPHI VENTURES, 3000 SAND HILL RD,  
BLDG 1, STE 135  
MENLO PARK, CA 94025

X

## Signatures

/s/ Matthew T. Potter, Attorney-in-Fact for Deepika R. Pakianathan

05/23/2014

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* 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).

(1) The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$25.92 to \$26.25, inclusive. The reporting person undertakes to provide to Karyopharm Therapeutics Inc., any security holder of Karyopharm Therapeutics Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the ranges set forth in footnote (1) to this Form 4.

(2) The Reporting Person is a managing member of Delphi Management Partners VIII, L.L.C ("DMP"), the general partner of each of Delphi Ventures VIII, L.P. and Delphi BioInvestments VIII, L.P. (collectively, the "Delphi Funds"). As a managing member of DMP, the Reporting Person shares voting and investment power over the shares held by the Delphi Funds and may be deemed to have indirect beneficial ownership of such shares. The Reporting Person disclaims beneficial ownership of such shares held by the Delphi Funds, except to the extent of her proportionate pecuniary interest therein.

(3) The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$25.98 to \$26.25, inclusive. The reporting person undertakes to provide to Karyopharm Therapeutics Inc., any security holder of Karyopharm Therapeutics Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the ranges set forth in footnote (3) to this Form 4.

(4) The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$26.41 to \$26.45, inclusive. The reporting person undertakes to provide to Karyopharm Therapeutics Inc., any security holder of Karyopharm Therapeutics Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the ranges set forth in footnote (4) to this Form 4.

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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