

AVEO PHARMACEUTICALS INC  
 Form 4  
 March 17, 2011

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
**KUCHERLAPATI RAJU S**

2. Issuer Name and Ticker or Trading Symbol  
**AVEO PHARMACEUTICALS INC [AVEO]**

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)

**C/O AVEO PHARMACEUTICALS, INC., 75 SIDNEY STREET**

**03/15/2011**

(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

**CAMBRIDGE, MA 02139**

(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 Ownership (Instr. 4)
			Code	V Amount (D) Price			
Common Stock	03/15/2011		P	15,000 A \$ 14.4365 (1)	60,511	D	
Common Stock					19,053	I	Held as custodian (2)
Common Stock					42,078	I	Held c/f David Kucherlapati (3)
Common					3,773	I	Held as

Stock								Custodian FBO David Kucherlapati UTMA MA until age 21 <u>(4)</u>
Common Stock				50,000	I			Held by Raju Kucherlapati Grantor retained Annuity Trust No.1 <u>(5)</u>

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.**

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(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. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

KUCHERLAPATI RAJU S  
C/O AVEO PHARMACEUTICALS, INC.  
75 SIDNEY STREET  
CAMBRIDGE, MA 02139

X

## Signatures

/s/ Joseph D. Vittiglio, Esq.,  
attorney-in-fact

03/16/2011

\_\_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 this Column 4 is a weighted average price. The shares were purchased in multiple transactions at prices ranging from \$14.01 to \$14.85, inclusive. The reporting person undertakes to provide AVEO Pharmaceuticals, Inc., any security holder of AVEO Pharmaceuticals, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each price within the ranges set forth in this footnote.

(2) Held as custodian for David Kucherlapati under the Massachusetts Uniform Transfer to Minors Act. The reporting person disclaims beneficial ownership over all such shares, except to the extent of his pecuniary interest therein.

(3) The reporting person disclaims beneficial ownership over all shares held c/f David Kucherlapati, except to the extent of his pecuniary interest therein.

(4) Held as Custodian FBO David Kucherlapati UTMA MA until age 21. The reporting person disclaims beneficial ownership over all such shares, except to the extent of his pecuniary interest therein.

(5) Held by Raju Kucherlapati Grantor Retained Annuity Trust No. 1, of which the reporting person is the trustee and exercises sole voting and investment power over the shares of record. The reporting person disclaims beneficial ownership over all such shares, except to the extent of his pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.