

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

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934  
Amendment No. 2

**SUCAMPO PHARMACEUTICALS, INC.**

(Name of Issuer)

**CLASS A COMMON STOCK**

(Title of Class of Securities)

**864909106**

(CUSIP Number)

**DECEMBER 31, 2009**

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

Check the following box if a fee is being paid with this statement.

CUSIP No.: 864909106

(1) Name of Reporting Person  
DR. SACHIKO KUNO\*

(2) Check the Appropriate Box if a Member of a Group

- (a)   
(b)

(3) SEC Use Only

(4) Citizenship  
JAPAN

(5) Sole Voting Power  
30,585,085<sup>(1)</sup>

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

(6) Shared Voting Power  
0

(7) Sole Dispositive Power  
30,585,085<sup>(1)</sup>

(8) Shared Dispositive Power  
0

(9) Aggregate Amount Beneficially Owned by Each Reporting Person  
30,585,085<sup>(1)</sup>

(10) Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

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(11) Percent of Class Represented by Amount in Row (9)  
72.7%

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(12) Type of Reporting Person  
IN

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\* This statement is filed jointly on behalf of Dr. Sachiko Kuno and her husband, Dr. Ryuji Ueno, pursuant to Rule 13d-1(k)(1). Dr. Kuno disclaims membership in a group with Dr. Ueno.

(1) Includes 1,109,752 shares of Class A Common Stock and 26,191,050 shares of Class B Common Stock owned by S&R Technology Holdings, Inc., which is wholly owned by Dr. Kuno and her husband. Each share of Class B Common Stock is convertible at any time into one share of Class A Common Stock without further consideration. Dr. Kuno disclaims beneficial ownership of these shares except to the extent of her pecuniary interest therein. Also includes 148,530 shares of Class A Common Stock and vested options to purchase an additional 113,000 shares of Class A Common Stock owned by Dr. Kuno's husband. Dr. Kuno disclaims beneficial ownership of these shares. Also includes 400,566 shares of Class A Common Stock owned by S&R Foundation, of whose Board of Directors Dr. Kuno and her husband are each members. Dr. Kuno disclaims beneficial ownership of these shares. Also includes 2,485,150 shares of Class A Common Stock owned by R-Tech Ueno, Ltd. ("R-Tech"), a majority of whose capital stock is owned (directly and indirectly) by Dr. Kuno and her husband. R-Tech acquired these shares before the initial public offering of Sucampo Pharmaceuticals, Inc. Voting and dispositive power with respect to the shares owned by R-Tech is held by its board of directors. Dr. Kuno is the chairperson of the board of directors of R-Tech and one of its four directors. Pursuant to company policy, Dr. Kuno does not participate in any voting or investment decisions with regard to these shares. Dr. Kuno disclaims beneficial ownership of these shares.

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CUSIP No.: 864909106

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(1) Name of Reporting Person  
DR. RYUJI UENO\*

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(2) Check the Appropriate Box if a Member of a Group

(a)

(b)

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(3) SEC Use Only

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(4) Citizenship  
JAPAN

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(5) Sole Voting Power  
30,585,085<sup>(2)</sup>

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Number of  
Shares  
Beneficially  
Owned by

(6) Shared Voting Power  
0

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Each  
Reporting  
Person With

(7) Sole Dispositive Power  
30,585,085<sup>(2)</sup>

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(8) Shared Dispositive Power  
0

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(9) Aggregate Amount Beneficially Owned by Each Reporting Person  
30,585,085<sup>(2)</sup>

---

(10) Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

---

(11) Percent of Class Represented by Amount in Row (9)  
72.7%

---

(12) Type of Reporting Person  
IN

---

\* This statement is filed jointly on behalf of Dr. Ryuji Ueno and his wife, Dr. Sachiko Kuno, pursuant to Rule 13d-1(k)(1). Dr. Ueno disclaims membership in a group with Dr. Kuno.

(2) Includes 1,109,752 shares of Class A Common Stock and 26,191,050 shares of Class B Common Stock owned by S&R Technology Holdings, Inc., which is wholly owned by Dr. Ueno and his wife. Each share of Class B Common Stock is convertible at any time into one share of Class A Common Stock without further consideration. Dr. Ueno disclaims beneficial ownership of these shares except to the extent of his pecuniary interest therein. Also includes 52,037 shares of Class A Common Stock and a vested option to purchase an additional 85,000 shares of Class A Common Stock owned by Dr. Ueno's wife. Dr. Ueno disclaims beneficial ownership of these shares. Also includes 400,566 shares of Class A Common Stock owned by S&R Foundation, of whose Board of Directors Dr. Ueno and his wife are each members. Dr. Ueno disclaims beneficial ownership of these shares. Also includes 2,485,150 shares of Class A Common Stock owned by R-Tech Ueno, Ltd. ("R-Tech"), a majority of whose capital stock is owned (directly and indirectly) by Dr. Ueno and his wife. R-Tech acquired these shares before the initial public offering of Sucampo Pharmaceuticals, Inc. Voting and dispositive power with respect to the shares owned by R-Tech is held by its board of directors. Dr. Ueno's wife is the chairperson of the board of directors of R-Tech and one of its four directors. Pursuant to company policy, Dr. Ueno's wife does not participate in any voting or investment decisions with regard to these shares. Dr. Ueno disclaims beneficial ownership of these shares

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**Item 1(a).** Name of Issuer  
SUCAMPO PHARMACEUTICALS, INC.

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**Item 1(b).** Address of Issuer's Principal Executive Offices  
4520 EAST-WEST HIGHWAY  
SUITE 300  
BETHESDA, MD 20814

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**Item 2(a).** Names of Persons Filing  
DR. SACHIKO KUNO  
DR. RYUJI UENO

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**Item 2(b).** Address of Principal Business Office or, if none, Residence  
24687 YACHT CLUB ROAD  
ST. MICHAELS, MD 21663

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**Item 2(c).** Citizenship  
JAPAN

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**Item 2(d).** Title of Class of Securities  
CLASS A COMMON STOCK

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**Item 2(e).** CUSIP No.  
864909106

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**Item 3.** If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  
NOT APPLICABLE

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**Item 4. Ownership**

(a) Amount beneficially owned:  
30,585,085<sup>(3)</sup>

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(b) Percent of class:  
72.7%

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(c) Number of shares as to which the person has:

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(i) Sole power to vote or to direct the vote:  
30,585,085<sup>(3)</sup>

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(ii) Shared power to vote or to direct the vote:  
0

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(iii) Sole power to dispose or to direct the disposition of:  
30,585,085<sup>(3)</sup>

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(iv) Shared power to dispose or to direct the disposition of:  
0

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**Item 5. Ownership of Five Percent or Less of a Class**

NOT APPLICABLE

**Item 6. Ownership of More than Five Percent on Behalf of Another Person**

NOT APPLICABLE

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person**

NOT APPLICABLE

**Item 8. Identification and Classification of Members of the Group**

NOT APPLICABLE

**Item 9. Notice of Dissolution of Group**

NOT APPLICABLE

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(3) See footnotes 1 and 2 on the cover pages to this schedule.

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**Item 10. Certifications**

NOT APPLICABLE

SIGNATURES

After reasonable inquiry and to the best of our knowledge and belief, we certify that the information set forth in this statement is true, complete and correct. We also hereby agree that the above statement containing the information required by Schedule 13G with respect to the securities described therein is filed on behalf of each of us.

Dated: February 16, 2010

/s/ Sachiko Kuno  
Dr. Sachiko Kuno

Dated: February 16, 2010

/s/ Ryuji Ueno  
Dr. Ryuji Ueno

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