

Mills Roger  
Form 4/A  
March 26, 2012

**FORM 4**

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

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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Mills Roger

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

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)  
3911 SORRENTO VALLEY BLVD  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
03/23/2012

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_\_\_ Officer (give title \_\_\_\_ Other (specify  
below) below)  
EXEC VP

SAN DIEGO, CA 92121

4. If Amendment, Date Original  
Filed(Month/Day/Year)  
03/26/2012

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_X\_ Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting  
Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
|                                       |                                         |                                                             | Code                                 | V                                                                          | Amount                                                                                                             | (D)                                                                  | Price                                                             |

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  
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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<br>Derivative<br>Security | 2. Conversion<br>or Exercise | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any | 4. Transaction<br>Code | 5. Number of<br>Derivative<br>Securities | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) |
|---------------------------------------|------------------------------|-----------------------------------------|-----------------------------------------|------------------------|------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|
|---------------------------------------|------------------------------|-----------------------------------------|-----------------------------------------|------------------------|------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|

## Edgar Filing: Mills Roger - Form 4/A

| (Instr. 3)                           | Price of<br>Derivative<br>Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4, and<br>5) | Code | V | (A)     | (D) | Date<br>Exercisable | Expiration<br>Date | Title           | Amount or<br>Number of<br>Shares |
|--------------------------------------|------------------------------------|------------------|------------|---------------------------------------------------------------|------|---|---------|-----|---------------------|--------------------|-----------------|----------------------------------|
| Stock<br>Option<br>(right to<br>buy) | \$ 2.18 <sup>(1)</sup>             | 03/23/2012       |            |                                                               | A    |   | 175,000 |     | <sup>(2)</sup>      | 03/22/2022         | Common<br>Stock | 175,000                          |

## Reporting Owners

| Reporting Owner Name / Address                                  | Relationships |           |         |       |
|-----------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                 | Director      | 10% Owner | Officer | Other |
| Mills Roger<br>3911 SORRENTO VALLEY BLVD<br>SAN DIEGO, CA 92121 |               |           | EXEC VP |       |

## Signatures

/s/ Uli Hacksell,  
Attorney-in-Fact

03/26/2012

\_\_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) Price was incorrectly listed as \$1.18 originally.

(2) 25% of the shares subject to the Stock Option vest and become exercisable on March 23, 2013. The remaining shares vest and become exercisable thereafter in 36 equal monthly installments.

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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