Iversen Leslie L Form 4 June 19, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Iversen Leslie L

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

ACADIA PHARMACEUTICALS

INC [ACAD]

(Check all applicable)

06/15/2007

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

X_ Director Officer (give title

10% Owner Other (specify

C/O ACADIA PHARMACEUTICALS INC., 3911

SORRENTO VALLEY **BOULEVARD**

> (Street) 4. If Amendment, Date Original

> > Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

SAN DIEGO, CA 92121

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

any

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 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 **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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Der Sec	Fitle of ivative urity str. 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. Transactic Code (Instr. 8)	5. Number of orDerivative 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)		3 (
					Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
_	tion ght to	\$ 15.02	06/15/2007		A	10,000	<u>(1)</u>	06/14/2017	Common Stock	10,000	
_	tion ght to	\$ 15.02	06/15/2007		A	5,492	<u>(1)</u>	06/14/2017	Common Stock	5,492	

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Iversen Leslie L C/O ACADIA PHARMACEUTICALS INC. 3911 SORRENTO VALLEY BOULEVARD SAN DIEGO, CA 92121	X					

Signatures

/s/ Thomas H. Aasen,
Attorney-in-Fact 06/19/2007

**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) 25% of the shares subject to the Stock Option vest and become exercisable at the end of each 3-month period following the date of grant.
- (2) The Reporting Person has elected to convert annual retainer fees of \$27,500 into a stock option under the terms of the Issuer's Outside Director Compensation Program.

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.

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