FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

OMB Number: 3235-0104

Estimated average burden
hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| | 01 3000 | 1011 30(11) 01 1 | the investment Company Act of 18 | 740 | | | | |
|--|--|--------------------|---|--|---|--|--|--|
| Tolf Bo-Ragnar | 2. Date of Event Requiring Stater (Month/Day/Yea 05/26/2004 | ment | 3. Issuer Name and Ticker or Trading Symbol ACADIA PHARMACEUTICALS INC [ACAD] | | | | | |
| (Last) (First) (Middle) C/O ACADIA PHARMACEUTICALS A/S FABRIKSPARKEN 58 | | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title Other (specify | | | 5. If Amendment, Date of Original Filed (Month/Day/Year) | | |
| (Street) DK-2600 GLOSTRUP, DENMARK (City) (State) (Zip) | | | X Officer (give title below) VP, Chemistry and Ma | below) | 6. In | icable Line) Form filed by | /Group Filing (Check y One Reporting Person y More than One erson | |
| Table I - Non-Derivative Securities Beneficially Owned | | | | | | | | |
| | | | Amount of Securities eneficially Owned (Instr. 4) | | | 4. Nature of Indirect Beneficial Ownership (Instr. 5) | | |
| Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | |
| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | 4. Conversion or Exercise Price of | 5. Ownership Form: | 6. Nature of Indirect Beneficial Ownership (Instr. 5) | |
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Derivative Security | Direct (D) or Indirect (I) (Instr. 5) | | |
| Employee Stock Option (Right to Buy) | (1) | 11/26/2010 | Common Stock | 25,000 | 3 | D | | |
| Employee Stock Option (Right to Buy) | (2) | 12/02/2011 | Common Stock | 12,500 | 8 | D | | |
| Employee Stock Option (Right to Buy) | (3) | 09/08/2012 | Common Stock | 10,000 | 1.5 | D | | |
| Employee Stock Option (Right to Buy) | (4) | 03/16/2013 | Common Stock | 10,000 | 1.08 | D | | |
| Employee Stock Option (Right to Buy) | (5) | 09/07/2013 | Common Stock | 25,000 | 1.08 | D | | |
| Employee Stock Option (Right to Buy) | (6) | 03/11/2014 | Common Stock | 10,000 | 2 | D | | |

Explanation of Responses:

- 1. 25% of the shares subject to the stock option vested and became exercisable on November 27, 2001. The remaining shares vest in equal monthly installments over the following 3 years.
- 2. 25% of the shares subject to the stock option vested and became exercisable on December 3, 2002. The remaining shares vest in equal monthly installments over the following 3 years.
- 3. 25% of the shares subject to the stock option vested and became exercisable on September 9, 2003. The remaining shares vest in equal monthly installments over the following 3 years.
- 4. 25% of the shares subject to the stock option vested and became exercisable on March 17, 2004. The remaining shares vest in equal monthly installments over the following 3 years.
- 5. 25% of the shares subject to the stock option shall vest and become exercisable on September 8, 2004 The remaining shares vest in equal monthly installments over the following 3 years.
- 6. 25% of the shares subject to the stock option vest and become exercisable on March 12, 2004. The remaining shares vest in equal monthly installments over the following 3 years.

Remarks:

Bo-Ragnar Tolf

05/26/2004

** Signature of Reporting Person

Date

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

- * If the form is filed by more than one reporting person, see Instruction 5 (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).

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

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 Number.