

1070494

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

FORM D

PROCESSED

MAY 17 2005

THOMSON FINANCIAL

B

NOTICE OF SALE OF SECURITIES
PURSUANT TO REGULATION D,
SECTION 4(6), AND/OR
UNIFORM LIMITED OFFERING EXEMPTION

OMB APPROVAL
Barcode
05054600

SEC USE ONLY
Prefix Serial
DATE RECEIVED

Name of Offering (check if this is an amendment and name has changed, and indicate change.)

Private Placement of Shares of Common Stock and Warrants to Purchase Common Stock

Filing Under (Check box(es) that apply): Rule 504 Rule 505 Rule 506 Section 4(6) ULOE

Type of Filing: New Filing Amendment

A. BASIC IDENTIFICATION DATA

I. Enter the information requested about the issuer

Name of Issuer (check if this is an amendment and name has changed, and indicate change.)

ACADIA Pharmaceuticals Inc.

Address of Executive Offices (Number and Street, City, State, Zip Code) Telephone Number (Including Area Code)

3911 Sorrento Valley Blvd., San Diego, CA 92121 (858) 558-2871

Address of Principal Business Operations (Number and Street, City, State, Zip Code) Telephone Number (Including Area Code)

(if different from Executive Offices) MAY 17 2005

Brief Description of Business
Pharmaceutical research and development

Type of Business Organization

corporation limited partnership, already formed other (please specify)
business trust limited partnership, to be formed

Actual or Estimated Date of Incorporation or Organization: Month Year January 1997 Actual Estimated

Jurisdiction of Incorporation or Organization: (Enter two-letter U.S. Postal Service abbreviation for State: CN for Canada; FN for other foreign jurisdiction) DE

GENERAL INSTRUCTIONS

Federal:

Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 U.S.C. 77d(6).
When to File: A notice must be filed no later than 15 days after the first sale of securities in the offering.
Where to File: U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.
Copies Required: Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed.
Information Required: A new filing must contain all information requested.
Filing Fee: There is no federal filing fee.

State:

This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those states that have adopted ULOE and that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made.

ATTENTION

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predicated on the filing of a federal notice.

A. BASIC IDENTIFICATION DATA

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 control number.

2. Enter the information requested for the following:

- Each promoter of the issuer, if the issuer has been organized within the past five years;
- Each beneficial owner having the power to vote or dispose, or direct the vote or disposition of, 10% or more of a class of equity securities of the issuer;
- Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and
- Each general and managing partner of partnership issuers.

Check Box(es) that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual) Hacksell, Uli					
Business or Residence Address (Number and Street, City, State, Zip Code) 3911 Sorrento Valley Blvd., San Diego, California 92121					
Check Box(es) that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual) Brann, Mark R.					
Business or Residence Address (Number and Street, City, State, Zip Code) 3911 Sorrento Valley Blvd., San Diego, California 92121					
Check Boxes that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual) Binder, Gordon					
Business or Residence Address (Number and Street, City, State, Zip Code) 11111 Santa Monica Boulevard, Los Angeles, CA 90025					
Check Boxes that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual) Iversen, Leslie L.					
Business or Residence Address (Number and Street, City, State, Zip Code) Oxford University, Department of Pharmacology, Mansfield Road, Oxford OX13QT (UK)					
Check Boxes that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual) Kaplan, Lester J.					
Business or Residence Address (Number and Street, City, State, Zip Code) 31191 Ceanothus Drive, Laguna Beach, CA 92651					
Check Boxes that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual) van Osch, Martien					
Business or Residence Address (Number and Street, City, State, Zip Code) Gustav Mahlerlaan 10 HQ 4039, 1000 EA Amsterdam, Netherlands					
Check Boxes that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual) Rasmussen, Torsten					
Business or Residence Address (Number and Street, City, State, Zip Code) Smedens Ager 6, Noerup DK-7182 Bredsten, Denmark					
Check Box(es) that Apply:	<input type="checkbox"/> Promoter	<input checked="" type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual) Walton, Alan G.					
Business or Residence Address (Number and Street, City, State, Zip Code) 315 Post Road West, Westport, CT 06880					

<input checked="" type="checkbox"/> Check Box(es) that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual)					
Gray, Mary Ann					
Business or Residence Address (Number and Street, City, State, Zip Code)					
201 W. 70th Street, #23K, New York, NY 10023					
<input type="checkbox"/> Check Box(es) that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual)					
Aasen, Thomas H.					
Business or Residence Address (Number and Street, City, State, Zip Code)					
3911 Sorrento Valley Blvd., San Diego, California 92121					
<input type="checkbox"/> Check Box(es) that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual)					
Tolf, Bo-Ragnar					
Business or Residence Address (Number and Street, City, State, Zip Code)					
3911 Sorrento Valley Blvd., San Diego, California 92121					
<input type="checkbox"/> Check Box(es) that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual)					
Davis, Robert E.					
Business or Residence Address (Number and Street, City, State, Zip Code)					
3911 Sorrento Valley Blvd., San Diego, California 92121					
<input type="checkbox"/> Check Box(es) that Apply:	<input type="checkbox"/> Promoter	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual)					
Lundstrom, Brian					
Business or Residence Address (Number and Street, City, State, Zip Code)					
3911 Sorrento Valley Blvd., San Diego, California 92121					
<input type="checkbox"/> Check Box(es) that Apply:	<input type="checkbox"/> Promoter	<input checked="" type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input type="checkbox"/> Director	<input type="checkbox"/> General and/or Managing Partner
Full Name (Last name first, if individual)					
Oxford Bioscience Partners IV					
Business or Residence Address (Number and Street, City, State, Zip Code)					
222 Berkeley St., Suite 1650, Boston, MA 02116					

B. INFORMATION ABOUT OFFERING

1. Has the issuer sold, or does the issuer intend to sell, to non-accredited investors in this offering?..... Yes ___ No X
 Answer also in Appendix, Column 2, if filing under ULOE.

2. What is the minimum investment that will be accepted from any individual?..... \$ N/A

3. Does the offering permit joint ownership of a single unit?..... Yes ___ No X

4. Enter the information requested for each person who has been or will be paid or given, directly or indirectly, any commission or similar remuneration for solicitation of purchasers in connection with sales of securities in the offering. If a person to be listed is an associated person or agent of a broker or dealer registered with the SEC and/or with a state or states, list the name of the broker or dealer. If more than five (5) persons to be listed are associated persons of such a broker or dealer, you may set forth the information for that broker or dealer only.

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

9 West 57th Street, New York, NY 10019

Name of Associated Broker or Dealer

Banc of America Securities

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individual States)..... All States

[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	[ME]	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[NJ]	[NM]	[NY]	[NC]	[ND]	[OH]	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	[TX]	[UT]	[VT]	[VA]	[VA]	[WV]	[WI]	[WY]	[PR]

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

345 California Street, Suite 2400, San Francisco, CA 94104

Name of Associated Broker or Dealer

Piper Jaffray & Co.

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individual States)..... All States

[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	[ME]	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[NJ]	[NM]	[NY]	[NC]	[ND]	[OH]	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	[TX]	[UT]	[VT]	[VA]	[VA]	[WV]	[WI]	[WY]	[PR]

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

One Embarcadero Center, Suite 2100, San Francisco, CA 94111

Name of Associated Broker or Dealer

JMP Securities LLC

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individual States)..... All States

[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	[ME]	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[NJ]	[NM]	[NY]	[NC]	[ND]	[OH]	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	[TX]	[UT]	[VT]	[VA]	[VA]	[WV]	[WI]	[WY]	[PR]

C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

1. Enter the aggregate offering price of securities included in this offering and the total amount already sold. Enter "0" if answer is "none" or "zero." If the transaction is an exchange offering, check this box and indicate in the columns below the amounts of the securities offered for exchange and already exchanged.

Type of Security	Aggregate Offering Price	Amount Already Sold
Debt	\$ _____	\$ _____
Equity	\$ <u>35,835,046</u>	\$ <u>35,835,046</u>
<input checked="" type="checkbox"/> Common <input type="checkbox"/> Preferred		
Convertible Securities (including warrants)	\$ <u>10,915,413(1)</u>	\$ <u>10,915,413(1)</u>
Partnership Interests	\$ _____	\$ _____
Other (Specify _____)	\$ _____	\$ _____
Total	\$ <u>46,750,459(1)</u>	\$ <u>46,750,459(1)</u>

Answer also in Appendix, Column 3, if filing under ULOE.

2. Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."

	Number Investors	Aggregate Dollar Amount of Purchases
Accredited Investors	<u>14</u>	\$ <u>46,750,459(1)</u>
Non-accredited Investors	<u>0</u>	\$ <u>0</u>
Total (for filings under Rule 504 only)	_____	\$ _____

Answer also in Appendix, Column 4, if filing under ULOE.

3. If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C - Question 1.

Type of Offering	Type of Security	Dollar Amount Sold
Rule 505	_____	\$ _____
Regulation A	_____	\$ _____
Rule 504	_____	\$ _____
Total	_____	\$ _____

4. a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the issuer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.

Transfer Agent's Fees	<input checked="" type="checkbox"/>	\$ <u>2,000</u>
Printing and Engraving Costs	<input type="checkbox"/>	\$ _____
Legal Fees	<input checked="" type="checkbox"/>	\$ <u>115,000</u>
Accounting Fees	<input type="checkbox"/>	\$ _____
Engineering Fees	<input type="checkbox"/>	\$ _____
Sales Commissions (specify finders' fees separately)	<input checked="" type="checkbox"/>	\$ <u>1,615,387</u>
Other Expenses (Identify) <u>Miscellaneous Offering Expenses</u>	<input checked="" type="checkbox"/>	\$ <u>111,000</u>
Total	<input checked="" type="checkbox"/>	\$ <u>1,843,387</u>

(1) Includes up to \$10,750,487 receivable by the Company upon the exercise of certain warrants to purchase common stock (assuming no net issue exercise). These warrants become exercisable on October 17, 2005.

C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

b. Enter the difference between the aggregate offering price given in response to Part C - Question 1 and total expenses furnished in response to Part C - Question 4.a. This difference is the "adjusted gross proceeds to the issuer" \$ 44,907,072(1)

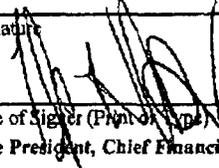
5. Indicate below the amount of the adjusted gross proceeds to the issuer used or proposed to be used for each of the purposes shown. If the amount for any purpose is not known, furnish an estimate and check the box to the left of the estimate. The total of the payments listed must equal the adjusted gross proceeds to the issuer set forth in response to Part C - Question 4.b above.

	Payment to Officers, Directors, & Affiliates	Payment To Others
Salaries and fees.....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Purchase of real estate.....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Purchase, rental or leasing and installation of machinery and equipment.....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Construction or leasing of plant buildings and facilities.....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Acquisition of other businesses (including the value of securities involved in this offering that may be used in exchange for the assets or securities of another issuer pursuant to a merger).....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Repayment of indebtedness.....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Working capital.....	<input type="checkbox"/> \$ _____	<input checked="" type="checkbox"/> \$ <u>44,907,072(1)</u>
Other (specify): _____	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
_____	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
_____	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Column Totals.....	<input type="checkbox"/> \$ _____	<input checked="" type="checkbox"/> \$ <u>44,907,072(1)</u>
Total Payments Listed (column totals added).....	<input checked="" type="checkbox"/> \$ <u>44,907,072(1)</u>	

(1) Includes up to \$10,750,487 receivable by the Company upon the exercise of certain warrants to purchase common stock (assuming no net issue exercise). These warrants become exercisable on October 17, 2005.

D. FEDERAL SIGNATURE

The issuer has duly caused this notice to be signed by the undersigned duly authorized person. If this notice is filed under Rule 505, the following signature constitutes an undertaking by the issuer to furnish to the U.S. Securities and Exchange Commission, upon written request of its staff, the information furnished by the issuer to any non-accredited investor pursuant to paragraph (b)(2) of Rule 502.

Issuer (Print or Type) ACADIA Pharmaceuticals Inc.	Signature 	Date May 5, 2005
Name of Signer (Print or Type) Thomas H. Aasen	Title of Signer (Print or Type) Vice President, Chief Financial Officer, Treasurer and Secretary	

ATTENTION

Intentional misstatements or omissions of fact constitute federal criminal violations. (See 18 U.S.C. 1001.)