SEC Form 3

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

1. Name and Address of Reporting Person* Baker Brothers Life Sciences LP	2. Date of Eve Requiring Sta (Month/Day/Y 01/18/2013	itement ′ear)	3. Issuer Name and Ticker or Trading Symbol <u>ACADIA PHARMACEUTICALS INC</u> [ACAD]						
(Last) (First) (Middle) 667 MADISON AVENUE, 21ST FLOOR			4. Relationship of Reporting Perso (Check all applicable) X Director		son(s) to Issuer 10% Owner	(Moi	5. If Amendment, Date of Original Filed (Month/Day/Year)		
				Officer (give title below)	Other (spec below)		6. Individual or Joint/Group Filing (Check Applicable Line)		
(Street)				201011)	201011)	X	Form filed by	One Reporting Person	
NEW YORK NY US 10065							Form filed by Reporting Pe	More than One erson	
(City) (State) (Zip)									
Table I - Non-Derivative Securities Beneficially Owned									
1. Title of Security (Instr. 4)				nt of Securities ally Owned (Instr. 4)	3. Ownershi Form: Direct or Indirect (I (Instr. 5)	(D) (Instr	4. Nature of Indirect Beneficial Ownership (Instr. 5)		
Common Stock				14,229,612(1)	D				
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 (4. Conversion or Exercise Price of	5. Ownership Form: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
	Date Expiration Exercisable Date		1		Amount or Number of Shares	Derivative Security	or Indirect (I) (Instr. 5)		
Common Stock Warrant (right to buy)	07/12/2011	01/11/2018	C	ommon Stock	1,426,590 ⁽¹⁾	1.38	D		
Common Stock Warrant (right to buy)	06/17/2013	12/17/2019	C	ommon Stock	447,138(1)	0.01	D		

Explanation of Responses:

1. The securities of ACADIA Pharmaceuticals, Inc. reported herein are held directly by Baker Brothers Life Sciences, L.P. ("Life Sciences"), a limited partnership the sole general partner of which is Baker Brothers Life Sciences Capital, L.P., a limited partnership the sole general partner of which is Baker Brothers Life Sciences Capital (GP), LLC. Julian C. Baker and Felix J. Baker are the controlling members of Baker Brothers Life Sciences Capital (GP), LLC. Baker Bros. Advisors, LLC (the "Adviser") serves as the Investment Adviser to Life Sciences. In connection with the services provided by the Adviser, the Adviser receives an asset-based management fee that does not confer any pecuniary interest. On April 12, 2012, the Adviser, Life Sciences and the general partner of Life Sciences entered into an amended and restated management agreement which gave the Adviser complete and unlimited discretion and authority with respect to Life Sciences' investments and voting power over investments. The general partner of Life Sciences relinquished all discretion and authority with respect to Life Sciences' investments and voting power over investments. Julian C. Baker and Felix J. Baker each may be deemed to control the Adviser and to indirectly beneficially own the securities beneficially owned by it. Julian C. Baker and Felix J. Baker disclaim beneficial ownership of these securities, except to the extent of their pecuniary interest therein, and this report shall not be deemed an admission that Felix J. Baker or Julian C. Baker is the beneficial owner of the above referenced securities for purposes of Section 16 or for any other purpose. The securities reported herein have been previously reported by Felix J. Baker, Julian C. Baker and the Adviser in their own Section 16 reports. In the future, Life Sciences may jointly file Section 16 reports with Julian C. Baker, Felix J. Baker and the Adviser.

Remarks:

Dr. Stephen R. Biggar is a Partner of Baker Bros. Advisors LLC and a director of ACADIA Pharmaceuticals, Inc. For purposes of Section 16 of the Securities Exchange Act of 1934, as amended, Baker Brothers Life Sciences, L.P. is deemed a director by deputization by virtue of its representation on the Board of Directors of ACADIA Pharmaceuticals. Inc.

Baker Bros. Advisors, LLC Mgmt. Co. and Inv. Adviser to BAKER BROTHERS LIFE SCIENCES, L.P., pursuant to 01/23/2013 authority granted by Baker Brothers Life Sciences Capital, L.P., GP to Baker Brothers Life Sciences, L.P Name:Scott L. Lessing, Title: President /s/

** 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.

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