SEC Form 3

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

1. Name and Address BAKER BRO			2. Date of Eve Requiring Stat (Month/Day/Ye 12/12/2012	ement	3. Issuer Name and Ticker or Tra ACADIA PHARMAC	EUTICA		[ACAD]		
(Last) (First) (Middle) 667 MADISON AVENUE, 21ST FLOOR					4. Relationship of Reporting Pers (Check all applicable) Director X Officer (give title	10% Owner Other (specify		 5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) 		
(Street) NEW YORK N	Y U	JS 10065			below)	below)	,	Form filed b	y One Reporting Person y More than One erson	
(City) (S	tate) (Z	Zip)								
			Table I - No	on-Deriva	tive Securities Beneficia	lly Owned				
1. Title of Security (Instr. 4)				2. Amount of Securities Beneficially Owned (Instr. 4)			4. Nature of Indirect Beneficial Ownership (Instr. 5)			
Common Stock					1,045,475	I	S	ee Footnotes ⁽¹⁾⁽⁴⁾		
Common Stock					14,229,612	I	S	ee Footnotes ⁽²⁾⁽⁴⁾	Footnotes ⁽²⁾⁽⁴⁾	
Common Stock					346,725	I	S	ee Footnotes ⁽³⁾⁽⁴⁾	otnotes ⁽³⁾⁽⁴⁾	
		(e			ve Securities Beneficially ants, options, convertible		s)		,	
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. Conversi or Exerci Price of		6. Nature of Indirect Beneficial Ownership (Instr. 5)	
			Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivativ Security			
Common Stock W	/arrant (right to	o buy)	07/12/2011	01/11/2018	Common Stock	1,426,590	1.38	Ι	See Footnotes ⁽²⁾⁽⁴⁾	
Common Stock Warrant (right to buy)			07/12/2011	01/11/2018	Common Stock	39,378	1.38	I	See Footnotes ⁽³⁾⁽⁴⁾	
Common Stock Warrant (right to buy)			06/17/2013	12/17/2019	Common Stock	42,131	0.01	I	See Footnotes ⁽¹⁾⁽⁴⁾	
Common Stock Warrant (right to buy)			06/17/2013	12/17/2019	Common Stock	447,138	0.01	I	See Footnotes ⁽²⁾⁽⁴⁾	
Common Stock W	/arrant (right to	o buy)	06/17/2013	12/17/2019	Common Stock	10,731	0.01	Ι	See Footnotes ⁽³⁾⁽⁴⁾	
1. Name and Address BAKER BRO										
(Last) 667 MADISON A	(First) AVENUE, 21S	(Middle) Γ FLOOR	e)							
(Street) NEW YORK	NY	US 10	0065							
(City)	(State)	(Zip)								
1. Name and Addres		rson*								
(Last) (First) (Middle 667 MADISON AVENUE, 21ST FLOOR		e)								
(Street) NEW YORK	NY	US 10	0065	-						
(City)	(State)	(Zip)		_						
1. Name and Address BAKER JULI		rson [*]		_						

(Last)	(First)	(Middle)							
667 MADISON AVENUE, 21ST FLOOR									
(Street)									
NEW YORK	NY	US 10065							
,									
(City)	(State)	(Zip)							

Explanation of Responses:

1. As a result of their ownership interest in Baker Biotech Capital (GP), LLC, Julian C. Baker and Felix J. Baker may be deemed to have an indirect pecuniary interest in the shares of Common Stock of ACADIA Pharmaceuticals Inc. (the "Issuer") reported in column 2 of Table I and underlying Warrants reported in column 3 of Table II directly held by 667, L.P. ("667"), a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., sight to receive an allocation of a portion of the profits from 667.

2. As result of their ownership interest in Baker Brothers Life Sciences Capital (GP), LLC, Julian C. Baker and Felix J. Baker may be deemed to have an indirect pecuniary interest in the Issuer's shares of Common Stock reported in column 2 of Table I and underlying Warrants reported in column 3 of Table II directly held by Baker Brothers Life Sciences, L.P. ("Life Sciences") a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, GP), LLC, due to Baker Brothers Life Sciences Capital, L.P.'s right to receive an allocation of a portion of the profits from Life Sciences.

3. As result of their ownership interest in 14159 Capital (GP), LLC, Julian C. Baker and Felix J. Baker may be deemed to have an indirect pecuniary interest in the Issuer's shares of Common Stock reported in column 2 of Table I and underlying Warrants reported in column 3 of Table II directly held by 14159, L.P. ("14159") a limited partnership of which the sole general partner is 14159 Capital, L.P., a limited partnership of which the sole general partner is 14159 Capital (GP), LLC, due to 14159 Capital, L.P.'s right to receive an allocation of a portion of the profits from 14159.

4. Baker Bros. Advisors, LLC (the "Adviser") serves as the Investment Adviser to Life Sciences, 667 and 14159 (collectively, the "Funds"). In connection with the services provided by the Adviser, the Adviser receives an asset-based management fee that does not confer any pecuniary interest in the securities held by the Funds. Julian C. Baker and Felix J. Baker are principals of the Adviser. The Adviser has complete and unlimited discretion and authority with respect to the investment and voting power of the securities held by the Funds. The general partners of the Funds relinquished to the Adviser all discretion and authority with respect to the investment and voting power of the securities held by the Funds. The general partners of the Funds relinquished to the Adviser all discretion and authority with respect to the investment and voting power of the securities held by the Funds. Julian C. Baker, Felix J. Baker and the Adviser disclaim beneficial ownership of the securities held by the Funds. Julian C. Baker, Felix J. Baker or the Adviser is a beneficial owner of such securities for purposes of Section 16 or any other purpose.

BAKER BROS. ADVISORS,

LLC Name: Scott L. Lessing, Title: President /s/ Scott L.	<u>12/21/2012</u>
Lessing	
<u>/s/ Felix J. Baker</u>	<u>12/21/2012</u>
<u>/s/ Julian C. Baker</u>	<u>12/21/2012</u>
** 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.