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ACADIA P Form 4 June 05, 20	PHARMACEUTIC	CALS INC									
FORM	A 4 UNITED	STATES				AND EXC , D.C. 205		NGE CO	MMISSION	OMB AP OMB Number:	PROVAL 3235-0287
Check t if no lor subject Section Form 4 Form 5 obligati may cor <i>See</i> Inst 1(b).	nger to 16. or Filed pu ons ntinue.	rsuant to Se (a) of the P	NT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES nt to Section 16(a) of the Securities Exchange Act of 1934, if the Public Utility Holding Company Act of 1935 or Sectio 30(h) of the Investment Company Act of 1940							January 3 200 Estimated average burden hours per response 0	
(Print or Type	Responses)										
1. Name and BAKER F	Address of Reporting ELIX	:	Symbol ACAD			Ticker or T		Is	Relationship of l suer (Check	Reporting Perso	
(Last)	(First)	(Middle)	3. Date	of Earliest		ransaction		_	_X Director Officer (give t	X10%	Owner r (specify
667 MADI FLOOR	SON AVENUE,		(Month/ 06/03/2	Day/Year 2013	r)			b	elow)	below)	Gpeeny
	(Street)			endment, onth/Day/Y		ate Original r)		А	. Individual or Joi pplicable Line) Form filed by Or		
NEW YOF	RK, NY US 10065	5							X_ Form filed by M erson		
(City)	(State)	(Zip)	Tal	ble I - Nor	n-I	Derivative S	Securi	ities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if	3. Transact Code (Instr. 8) Code	tior)		(D)		 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) 	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	06/03/2013			Р		56,274	A	\$ 14.0822	1,320,595	Ι	See Footnote (1) (31) (32)
Common Stock	06/03/2013			Р		461,548	A	\$ 14.0822 (4)	16,422,130	Ι	See Footnote (3) (31) (32)
Common	06/03/2013			Р		11,511	А	\$ 14.0822	401,420	I	See Footnote

(6)

Р

25,368 A \$13.999 1,345,963

Stock

Common 06/03/2013

(5) (31) (32)

See

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Stock					(7)			Footnote (1) (31) (32)
Common Stock	06/03/2013	Р	208,063	А	\$ 13.999 (8)	16,630,193	I	See Footnote (3) (31) (32)
Common Stock	06/03/2013	Р	5,189	A	\$ 13.999 (9)	406,609	I	See Footnote (5) (31) (32)
Common Stock	06/04/2013	Р	4,353	A	\$ 14.4977 (10)	1,350,316	I	See Footnote (1) (31) (32)
Common Stock	06/04/2013	Р	35,702	А	\$ 14.4977 (11)	16,665,895	I	See Footnote (3) (31) (32)
Common Stock	06/04/2013	Р	890	A	\$ 14.4977 (12)	407,499	I	See Footnote (5) (31) (32)
Common Stock	06/04/2013	Р	56,475	A	\$ 14.4525 (13)	1,406,791	I	See Footnote (1) (31) (32)
Common Stock	06/04/2013	Р	463,197	А	\$ 14.4525 (14)	17,129,092	I	See Footnote (3) (31) (32)
Common Stock	06/04/2013	Р	11,552	А	\$ 14.4525 (15)	419,051	I	See Footnote (5) (31) (32)
Common Stock	06/04/2013	Р	13,566	А	\$ 14.4159 (16)	1,420,357	I	See Footnote (1) (31) (32)
Common Stock	06/04/2013	Р	111,266	А	\$ 14.4159 (17)	17,240,358	I	See Footnote (3) (31) (32)
Common Stock	06/04/2013	Р	2,775	А	\$ 14.4159 (18)	421,826	I	See Footnote (5) (31) (32)
Common Stoc	06/05/2013	Р	26,577	A	\$ 14.4565 (19)	1,446,934	I	See Footnote (1) (31) (32)
Common Stoc	06/05/2013	Р	217,986	A	\$ 14.4565 (20)	17,458,344	I	See Footnote (3) (31) (32)
Common Stoc	06/05/2013	Р	5,437	A	\$ 14.4565 (21)	427,263	Ι	See Footnote (5) (31) (32)

Common Stoc	06/05/2013	Р	21,080	А	\$ 14.5838 (22)	1,468,014	I	See Footnote (1) (31) (32)
Common Stoc	06/05/2013	Р	172,893	А	\$ 14.5838 (23)	17,631,237	I	See Footnote (3) (31) (32)
Common Stoc	06/05/2013	Р	4,312	А	\$ 14.5838 (24)	431,575	I	See Footnote (5) (31) (32)
Common Stoc	06/05/2013	Р	18,530	А	\$ 14.5502 (25)	1,486,544	I	See Footnote (1) (31) (32)
Common Stoc	06/05/2013	Р	151,980	А	\$ 14.5502 (26)	17,783,217	I	See Footnote (3) (31) (32)
Common Stoc	06/05/2013	Р	3,790	А	\$ 14.5502 (27)	435,365	I	See Footnote (5) (31) (32)
Common Stoc	06/05/2013	Р	26,577	А	\$ 14.4641 (28)	1,513,121	I	See Footnote (1) (31) (32)
Common Stoc	06/05/2013	Р	217,986	А	\$ 14.4641 (29)	18,001,203	I	See Footnote (3) (31) (32)
Common Stoc	06/05/2013	Р	5,437	А	\$ 14.4641 (30)	440,802	I	See Footnote (5) (31) (32)

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

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 control number.

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secu
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e	Securities	(Instr. 5)	Bene
	Derivative				Securities	3	(Instr. 3 and 4)		Owne
	Security				Acquired				Follo
					(A) or				Repo
					Disposed				Trans
					of (D)				(Instr
					(Instr. 3,				
					4, and 5)				

	Date Exercisable	Expiration Date	Title	Amount or Number of
Code V (A) (D)				of Shares

Reporting Owners

Reporting Owner Name / Address		Relationsl					
reporting of the round / rounds	Director	10% Owner	Officer	Other			
BAKER FELIX 667 MADISON AVENUE, 21ST FLOOR NEW YORK, NY US 10065	Х	Х					
BAKER JULIAN 667 MADISON AVENUE, 21ST FLOOR NEW YORK, NY US 10065	Х	Х					
BAKER BROS ADVISORS LLC 667 MADISON AVENUE, 21ST FLOOR NEW YORK, NY US 10065	Х	Х					
667, L.P. 667 MADISON AVENUE 21ST FLOOR NEW YORK, NY US 10065	Х	Х					
14159, L.P. 667 MADISION AVENUE, 21ST FLOOR NEW YORK, NY US 10065	Х	Х					
Baker Brothers Life Sciences LP 667 MADISON AVENUE, 21ST FLOOR NEW YORK, NY US 10065	X	Х					
Signatures							
/s/ Felix J. Baker							
		_		06/05/2013			
Signature	of Reporting	Person		Date			
/s/ Julian C. Baker				06/05/2013			
<u>**</u> Signature	of Reporting	Person		Date			
Title: President /s/ Scott L. Lessing							
C C				06/05/2013			
	of Reporting			Date			
Baker Bros. Advisors, LLC, Mgmt. Co. and granted by Baker Biotech Capital, L.P., GP t President /s/ Scott L. Lessing			-	•			
<u>**</u> Signature	of Reporting	Person		Date			
Baker Bros. Advisors, LLC, Mgmt. Co. and Inv. Adviser to 14159, L.P., pursuant to authority							

granted by 14159 Capital, L.P., GP to 14159, L.P. Name: Scott L. Lessing, Title: President /s/ Scott L. Lessing

**Signature of Reporting Person

Date

06/05/2013

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).

After giving effect to the transactions reported herein and as a result of their ownership interest in Baker Biotech Capital (GP), LLC, Julian C. Baker and Felix J. Baker each may be deemed to have an indirect pecuniary interest in the Issuer's shares of Common Stock reported in column 5 of Table I 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 (GP), LLC, due to Baker Biotech Capital, L.P.'s right to receive an allocation of a portion of the profits from 667.

(2) The price reported in Column 4 is a weighted average price. These shares were purchased by 667 in multiple transactions at prices ranging from \$13.70 to \$14.52, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

After giving effect to the transactions reported herein and as a result of their ownership interest in Baker Brothers Life Sciences Capital (GP), LLC, Julian C. Baker and Felix J. Baker each may be deemed to have an indirect pecuniary interest in the Issuer's shares of Common Stock reported in column 5 of Table I directly held by Baker Brothers Life Sciences. L.P. ("Life Sciences"), a

(3) Initial 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, L.P., 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, L.P., 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, L.P., 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, L.P., 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, L.P., 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, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, a limited partnership of whic

The price reported in Column 4 is a weighted average price. These shares were purchased by Life Sciences in multiple transactions at prices ranging from \$13.70 to \$14.52, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

After giving effect to the transactions reported herein and as a result of their ownership interest in 14159 Capital (GP), LLC, Julian C. Baker and Felix J. Baker each may be deemed to have an indirect pecuniary interest in the Issuer's shares of Common Stock reported in Column 5 of Table I directly held by 14159, L.P ("14159", and together with Baker Tisch, Baker Bros. Investments, Baker Bros. Investments II, 667 and Life Sciences, the "Funds"), a limited partnership of which the sole general partner is 14159 Capital L.P., a

(5) In Column 5 of Fable Function for the Sole general partner is 14159, E.F. (14159, and together with Baker Fisch, Ba

(6) The price reported in Column 4 is a weighted average price. These shares were purchased by 14159 in multiple transactions at prices ranging from \$13.70 to \$14.52, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(7) The price reported in Column 4 is a weighted average price. These shares were purchased by 667 in multiple transactions at prices ranging from \$13.70 to \$14.47, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(8) The price reported in Column 4 is a weighted average price. These shares were purchased by Life Sciences in multiple transactions at prices ranging from \$13.70 to \$14.47, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(9) The price reported in Column 4 is a weighted average price. These shares were purchased by 14159 in multiple transactions at prices ranging from \$13.70 to \$14.47, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

The price reported in Column 4 is a weighted average price. These shares were purchased by 667 in multiple transactions at prices ranging from \$14.36 to \$14.59, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer,

(10) Tanging from \$14.30 to \$14.39, inclusive. The reporting persons undertake to provide to the issuer, any security notice of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

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(4)

The price reported in Column 4 is a weighted average price. These shares were purchased by Life Sciences in multiple transactions at prices ranging from \$14.36 to \$14.59, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(12) The price reported in Column 4 is a weighted average price. These shares were purchased by 14159 in multiple transactions at prices ranging from \$14.36 to \$14.59, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(13) The price reported in Column 4 is a weighted average price. These shares were purchased by 667 in multiple transactions at prices ranging from \$14.12 to \$14.83, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(14) The price reported in Column 4 is a weighted average price. These shares were purchased by Life Sciences in multiple transactions at prices ranging from \$14.12 to \$14.83, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(15) The price reported in Column 4 is a weighted average price. These shares were purchased by 14159 in multiple transactions at prices ranging from \$14.12 to \$14.83, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(16) The price reported in Column 4 is a weighted average price. These shares were purchased by 667 in multiple transactions at prices ranging from \$14.18 to \$14.70, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

The price reported in Column 4 is a weighted average price. These shares were purchased by Life Sciences in multiple transactions at prices ranging from \$14.18 to \$14.70, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(18) The price reported in Column 4 is a weighted average price. These shares were purchased by 14159 in multiple transactions at prices ranging from \$14.18 to \$14.70, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(19) The price reported in Column 4 is a weighted average price. These shares were purchased by 667 in multiple transactions at prices ranging from \$14.28 to \$14.60, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(20) The price reported in Column 4 is a weighted average price. These shares were purchased by Life Sciences in multiple transactions at prices ranging from \$14.28 to \$14.60, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(21) The price reported in Column 4 is a weighted average price. These shares were purchased by 14159 in multiple transactions at prices ranging from \$14.28 to \$14.60, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(22) The price reported in Column 4 is a weighted average price. These shares were purchased by 667 in multiple transactions at prices ranging from \$14.29 to \$14.78, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

The price reported in Column 4 is a weighted average price. These shares were purchased by Life Sciences in multiple transactions at prices ranging from \$14.29 to \$14.78, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded

- (23) Interstanging from \$14.29 to \$14.76, inclusive. The reporting persons undertake to provide to the issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.
- (24) The price reported in Column 4 is a weighted average price. These shares were purchased by 14159 in multiple transactions at prices ranging from \$14.29 to \$14.78, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer,

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or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(25) The price reported in Column 4 is a weighted average price. These shares were purchased by 667 in multiple transactions at prices ranging from \$14.37 to \$14.70, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(26) The price reported in Column 4 is a weighted average price. These shares were purchased by Life Sciences in multiple transactions at prices ranging from \$14.37 to \$14.70, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(27) The price reported in Column 4 is a weighted average price. These shares were purchased by 14159 in multiple transactions at prices ranging from \$14.37 to \$14.70, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(28) The price reported in Column 4 is a weighted average price. These shares were purchased by 667 in multiple transactions at prices ranging from \$14.30 to \$14.77, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(29) The price reported in Column 4 is a weighted average price. These shares were purchased by Life Sciences in multiple transactions at prices ranging from \$14.30 to \$14.77, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

The price reported in Column 4 is a weighted average price. These shares were purchased by 14159 in multiple transactions at prices ranging from \$14.30 to \$14.77, inclusive. The reporting persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares traded at each separate price within the range set forth in this footnote.

(31) The aggregate indirect beneficial ownership reported on this form is 19,955,126 shares.

Baker Bros. Advisors, LLC (the "Adviser") serves as the Investment Adviser to 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

(32) 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 directly by the Funds except to the extent of their pecuniary interest therein, and this report shall not be deemed an admission that any of 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.

Remarks:

(30)

Dr. Stephen R. Biggar is a Partner of Baker Bros. Advisors LLC and a director of ACADIA Pharmaceuticals, Inc. For purpose

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.