ACADIA PHARMACEUTICALS INC Form SC 13G/A February 11, 2005

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS
FILED PURSUANT TO RULES 13d-1(b), (c) AND (d)
AND AMENDMENTS THERETO FILED
PURSUANT TO RULE 13d-2(b)
(Amendment No. 1)*

Acadia Pharmaceuticals Inc.

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

004225108 -----(CUSIP Number)

December 31, 2004

Date of Event which Requires Filing of this Statement

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [] Rule 13d-1(b)
- [x] Rule 13d-1(c)
- [] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1	NAME OF RE	EPOR	TING PERSON					
	Biotechnology Value Fund, L.P.							
	I.R.S. IDE	ENTI	FICATION NO. OF ABOVE PERSONS (entities only)					
2	CHECK THE	APP		a)	[X]			
3	SEC USE ON	1LY						
4	CITIZENSHI Delaware	IP 0	R PLACE OF ORGANIZATION					
NUMBER OF SHARES BENEFICIALLY - OWNED BY EACH REPORTING PERSON WITH		5	SOLE VOTING POWER 0					
		6	SHARED VOTING POWER 257,089 shares					
		7	SOLE DISPOSITIVE POWER					
		8	SHARED DISPOSITIVE POWER 257,089 shares					
9	AGGREGATE 257,089 sh		UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)							
11	PERCENT OF	CL	ASS REPRESENTED BY AMOUNT IN ROW (9)					

12	TYPE OF REPORTING PERSON (See Instructions)							
	PN							
CUSIP	No. 0042	2510	08	13G	Page 3 of 11 Pag	es		
1	NAME OF R	EPOF	RTING PERSON					
	Biotechnology Value Fund II, L.P.							
	I.R.S. ID	ENTI	FICATION NO. OF	ABOVE PERSONS (e	entities only)			
2	CHECK THE	APE	PROPRIATE BOX IF	A MEMBER OF A GR	OUP (See Instructio	ns) (a) [X] (b) []		
3	SEC USE O	NLY						
4	CITIZENSH	TD (OR PLACE OF ORGAN	IT7ATTON				
4	Delaware	II (ON PLACE OF ONGAIN	IZATION				
NIII	MBER OF	5	SOLE VOTING POW	ER				
S	HARES FICIALLY		0					
OW	NED BY EACH	6	SHARED VOTING P	OWER				
	PORTING ERSON		163,500 shares					
1	WITH							
		7	SOLE DISPOSITIV	E POWER				
			0					
		8	SHARED DISPOSIT	IVE POWER				
			163,500 shares					
9			OUNT BENEFICIALLY	OWNED BY EACH R	EPORTING PERSON			
	163,	000	shares					

10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SINSTRUCTIONS)							
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
12	TYPE OF REPORTING PERSON (See Instructions) PN							
CUSIP	No. 0042	2510	8 13G	Page 4 of 11 Pages				
1	BVF Inves	tmen ENTI	TING PERSON ts, L.L.C. FICATION NO. OF ABOVE PERSONS (en	UP (See Instructions)				
3	(a) [X (b) [
4	CITIZENSH Delaware		R PLACE OF ORGANIZATION					
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6	SOLE VOTING POWER 0 SHARED VOTING POWER 395,000 shares SOLE DISPOSITIVE POWER 0					

8 SHARED DISPOSITIVE POWER

	395,000 shares		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 395,000 shares		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARI	 ES (See
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF REPORTING PERSON (See Instructions) OO		
 CUSIP	No. 004225108 13G Page 5 of 11 Pages		
1	NAME OF REPORTING PERSON Investment 10, LLC I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (entities only)		
2		(a)	[X]
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION Illinois		
NUI	5 SOLE VOTING POWER MBER OF		

SHARES BENEFICIALLY - OWNED BY EACH REPORTING		0	
		6 SHARED VOTING POWER	
Pl	ERSON VITH	43,000 shares	
		7 SOLE DISPOSITIVE POWER	
		0	
		8 SHARED DISPOSITIVE POWER	
		43,000 shares	
9	AGGREGATE	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	43,000	shares	
10	CHECK BOX Instructio	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	S (See
11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
12		ORTING PERSON (See Instructions)	
	00		
	No. 00422	108 13G Page 6 of 11 Pages	
1		ORTING PERSON	
		TIFICATION NO. OF ABOVE PERSONS (entities only)	
2		·	a) [X]

3	3 SEC USE ONLY						
4	CITIZENSHI Delaware	P OR PLACE OF OF	RGANIZATION				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH		5 SOLE VOTING 0 6 SHARED VOTIN					
PI	PORTING ERSON WITH	858,589 shares					
		7 SOLE DISPOSE	ITIVE POWER				
		8 SHARED DISPO					
9		AMOUNT BENEFICIA	ALLY OWNED BY EACH RE	PORTING PERSON			
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.09%						
12	TYPE OF REPORTING PERSON (See Instructions) PN						
CUSIP	No. 00422	25108	- 13G -	Page 7 of 11 Pages			

1	NAME OF RE	ORTING E	PERSON					
	BVF Inc.							
	I.R.S. IDE	TIFICAT	ION NO. OF ABOVE PERSONS (entities only)					
2	CHECK THE	.PPROPRI <i>l</i>	ATE BOX IF A MEMBER OF A GROUP (See Instruct	(a)	[X]			
3	SEC USE ON	.Ү						
4	CITIZENSHI Delaware	OR PLAC	CE OF ORGANIZATION					
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		5 SOLE 0	VOTING POWER					
			ED VOTING POWER 589 shares					
		7 SOLE 0	DISPOSITIVE POWER					
			ED DISPOSITIVE POWER 589 shares					
9		shares	ENEFICIALLY OWNED BY EACH REPORTING PERSON					
10	CHECK BOX Instructio		GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN		(See			
11	PERCENT OF	CLASS RI	EPRESENTED BY AMOUNT IN ROW (9)					

12 TYPE OF REPORTING PERSON (See Instructions) IA, CO _____ _____ CUSIP No. 004225108 13G Page 8 of 11 Pages Item 1(a). Name of Issuer: Acadia Pharmaceuticals Inc. ("Acadia") Item 1(b). Address of Issuer's Principal Executive Offices: 3911 Sorrento Valley Blvd. San Diego, CA 92121 Item 2(a). Names of Person Filing This Amendment to Schedule 13G is being filed on behalf of the following persons (the "Reporting Persons"): Biotechnology Value Fund, L.P. ("BVF") (i) Biotechnology Value Fund II, L.P. ("BVF2") (iii) BVF Investments, L.L.C. ("Investments") Investment 10, L.L.C. ("ILL10") (iv) BVF Partners L.P. ("Partners") (V) (vi) BVF Inc. ("BVF Inc.") Item 2(b). Address of Principal Business Office or, if none, Residence:

The principal business office of the Reporting Persons comprising the group filing this Amendment to Schedule 13G is located at 227 West Monroe Street, Suite 4800, Chicago, Illinois, 60606.

Item 2(c). Citizenship or Place of Organization:

BVF: a Delaware limited partnership
BVF2: a Delaware limited partnership
Investments: a Delaware limited liability company
ILL10: an Illinois limited liability company
Partners: a Delaware limited partnership
BVF Inc.: a Delaware corporation

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Item 2(d). Title of Class of Securities:

This Amendment to Schedule 13G is being filed with respect to the common stock, par value \$0.0001 per share (the "Common Stock"), of Acadia. The Reporting Persons' percentage ownership of Common Stock is based on 16,866,979 shares of Common Stock being outstanding.

As of December 31, 2004, (i) BVF beneficially owned 257,089 shares of Common Stock; (ii) BVF2 beneficially owned 163,500 shares of Common Stock; (iii) Investments beneficially owned 395,000 shares of Common Stock; and (iv) ILL10 beneficially owned 43,000 shares of Common Stock. Beneficial ownership by Partners and BVF Inc. includes 858,589 shares of Common Stocks.

Item 2(e). CUSIP Number:

004225108

Item 3. If this Statement is Filed Pursuant to Rule 13d-1(B), or 13d-2(B) or (C) Check Whether the Person Filing is: One of the Following

Not applicable as this Amendment to Schedule 13G is filed pursuant to Rule $13d-1\left(c\right)$.

Item 4. Ownership

The information in items 1 and 5 through 11 on the cover pages (pp. 2-7) on this Amendment to Schedule 13G is hereby incorporated by reference.

Item 5. Ownership of 5 Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the Reporting Persons have ceased to be the beneficial owner of more than five percent of the class of securities check the following. | |

Item 6. Ownership of More than 5 Percent on Behalf of Another Person

Pursuant to the operating agreement of Investments, Partners is authorized, among other things, to invest funds of Ziff Asset Management, L.P., the majority member of Investments, in shares of Common Stock described herein and to vote and exercise dispositive power over those securities. Partners and BVF Inc. share voting and dispositive power over the shares of Common Stock beneficially owned by BVF, BVF2, Investments and those owned by ILL10, on whose behalf Partners acts as investment manager and, accordingly, Partners and BVF Inc. have beneficial ownership of all of the shares of Common Stock held by such parties.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Securities Being Reported on By the Parent Holding Company

Not Applicable.

Item 8. Identification and Classification of Members of the Group

Not Applicable.

Item 9. Notice of Dissolution of Group

Not Applicable.

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Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 11, 2005

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT _____

Mark N. Lampert President

BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT _____

> Mark N. Lampert President

BVF INVESTMENTS, L.L.C.

By: BVF Partners L.P., its manager

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT _____

> Mark N. Lampert President

INVESTMENT 10, L.L.C.

By: BVF Partners L.P., its attorney-in-fact

By: BVF Inc., its general partner

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By: /s/ MARK N. LAMPERT

----Mark N. Lampert
President

BVF PARTNERS L.P.

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert

President

BVF INC.

By: /s/ MARK N. LAMPERT

Mark N. Lampert President