ZONAGEN INC Form SC 13G/A February 13, 2004

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 13d-2(b)

(Amendment No. 1)*

Zonagen, Inc.

		(Name of Issuer)	
		Common Stock	
		(Title of Class of Securities)	_
		98975L 10 8	
		(CUSIP Number)	_
		February 14, 2004	
Check the		Date of Event Which Requires Filing of this S e pursuant to which this Schedule is filed:	tatement)
//	Rule 13d-1(b)		
/x/	Rule 13d-1(c)		
//	Rule 13d-1(d)		
		led out for a reporting person's initial filing of containing information which would alter the	n this form with respect to the subject class of e disclosures provided in a prior cover page.
Exchange			filed" for the purpose of Section 18 of the Securities ct but shall be subject to all other provisions of the
CUSIP N	NO. 98975L 10 8	13G	Page 2 of 10 Pages
1 N	AME OF REPORTING PERSON: Biotechnology Value Fund		

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON (ENTITIES ONLY):

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) /x/ (b) //		
3 SEC USE ONLY			
4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	H 5 SOLE VOTING POWER		
	0		
	6 SHARED VOTING POWER		
	221,443		
	7 SOLE DISPOSITIVE POWER		
	0		
	8 SHARED DISPOSITIVE POWER		
	221,443		
9 AGGREGATE AMOUNT BENEFICIALLY OWNED B	BY EACH REPORTING PERSON		
221,443			
10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* //			
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9			
1.93%			
12 TYPE OF REPORTING PERSON*			
PN			
*SEE INSTRUCTION	IONS BEFORE FILLING OUT!		
CUSIP NO. 98975L 10 8	13G Page 3 of 10 Page		

1	NAME OF REPORTING PERSON: Biotechnology Value Fund II, L.P. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON (ENTITIES ONLY):				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) (b)	/x/ //		
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Delaware				
	IBER OF SHARES BENEFICIALLY OWNED BY EACH DRTING PERSON WITH:	5	SOLE VOTING POWER		
			0		
		6	SHARED VOTING POWER		
			116,138		
		7	SOLE DISPOSITIVE POWER		
			0		
		8	SHARED DISPOSITIVE POWER		
			116,138		
9	9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	116,138				
10	10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* //				
11	1 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9				
	1.01%				
12	2 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				
	PN				
	*SEE INSTRUCTIONS BEFORE FILLING OUT!				

CUSI	P NO. 98975L 10 8	13G		Page 4 of 10 Page
1	NAME OF REPORTING PERSON: BVF Investments, L.L.C. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON (EN	ΓΙΤΙES Ο	NLY):	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) (b)	/x/ //	
3	SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware			
	BER OF SHARES BENEFICIALLY OWNED BY EACH ORTING PERSON WITH:	5	SOLE VOTING POWER 0	
		6	SHARED VOTING POWER 217,862	
		7	SOLE DISPOSITIVE POWER 0	
		8	SHARED DISPOSITIVE POWER 217,862	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY E	EACH RE	PORTING PERSON	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EX	CLUDES	CERTAIN SHARES* //	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN 1.90%	ROW 9		
12	TYPE OF REPORTING PERSON*			

 $\mathbf{00}$

	*SEE INSTRUCTIONS BEFORE FILLING OUT!				
CUS	IP NO. 98975L 10 8	13G		Page 5 of 10 Pages	
1	NAME OF REPORTING PERSON: Investment 10, L.L.C. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON (EN	TITIES O	NLY):		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) (b)	/x/ //		
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION Illinois				
	IBER OF SHARES BENEFICIALLY OWNED BY EACH ORTING PERSON WITH:	5	SOLE VOTING POWER 0		
		6	SHARED VOTING POWER 27,300		
		7	SOLE DISPOSITIVE POWER 0		
		8	SHARED DISPOSITIVE POWER 27,300		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY E	EACH RE	PORTING PERSON		
	27,300				
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EX	KCLUDES	CERTAIN SHARES* //		

12 TYPE OF REPORTING PERSON* OO *SEE INSTRUCTIONS BEFORE FILLING OUT: CUSIP NO. 98975L 10 8 13G Page 6 of 10 P 1 NAME OF REPORTING PERSON: BYF Partners L.P. LR.S. IDENTIFICATION NOS. OF ABOVE PERSON (ENTITIES ONLY): 2 CHECK THE APPROPRIATE BOX IF A (a) /x/ MEMBER OF A GROUP* 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 5 SOLE VOTING POWER 6 SHARED VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0 8 SHARED DISPOSITIVE POWER	0.24%			
CUSIP NO. 98975L 10 8 1 NAME OF REPORTING PERSON: BYP Partners L.P. LR.S. IDENTIFICATION NOS. OF ABOVE PERSON (ENTITIES ONLY): 2 CHECK THE APPROPRIATE BOX IF A (a) /x/ MEMBER OF A GROUP* 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 5 SOLE VOTING POWER REPORTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0	12 TYPE OF REPORTING PERSON*			
CUSIP NO. 98975L 10 8 1 NAME OF REPORTING PERSON: BVF Partners L.P. LR.S. IDENTIFICATION NOS. OF ABOVE PERSON (ENTITIES ONLY): 2 CHECK THE APPROPRIATE BOX IF A (a) /x/ MEMBER OF A GROUP* 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 5 SOLE VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0	00			
1 NAME OF REPORTING PERSON: BVF Partners L.P. LR.S. IDENTIFICATION NOS. OF ABOVE PERSON (ENTITIES ONLY): 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 5 SOLE VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0	*SEE INSTRUCTIONS	S BEFOR	RE FILLING OUT!	
BVF Partners L.P. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON (ENTITIES ONLY): 2 CHECK THE APPROPRIATE BOX IF A (a) /x/ MEMBER OF A GROUP* (b) // 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 0 6 SHARED VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0	CUSIP NO. 98975L 10 8	13G		Page 6 of 10 Page
MEMBER OF A GROUP* (b) // 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 5 SOLE VOTING POWER 0 6 SHARED VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0	BVF Partners L.P.	TITIES O	NLY):	
4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 0 6 SHARED VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 5 SOLE VOTING POWER 0 6 SHARED VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0	3 SEC USE ONLY			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 5 SOLE VOTING POWER 0 6 SHARED VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0	4 CITIZENSHIP OR PLACE OF ORGANIZATION			
REPORTING PERSON WITH: 0 6 SHARED VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0	Delaware			
6 SHARED VOTING POWER 582,743 7 SOLE DISPOSITIVE POWER 0		5	SOLE VOTING POWER	
582,743 7 SOLE DISPOSITIVE POWER 0			0	
7 SOLE DISPOSITIVE POWER 0		6	SHARED VOTING POWER	
0			582,743	
		7	SOLE DISPOSITIVE POWER	
8 SHARED DISPOSITIVE POWER			0	
		8	SHARED DISPOSITIVE POWER	
582,743			582,743	
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY E	EACH RE	PORTING PERSON	
582,743	582,743			

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* //

11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN	ROW 9		
	5.08%			
12	TYPE OF REPORTING PERSON*			
	PN			
	*SEE INSTRUCTION	IS BEFOR	RE FILLING OUT!	
CUS	IP NO. 98975L 10 8	13G		Page 7 of 10 Pages
1	NAME OF REPORTING PERSON: BVF Inc. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON (EN	TITIES O	NLY):	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) (b)	/x/ //	
3	SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware			
	IBER OF SHARES BENEFICIALLY OWNED BY EACH DRTING PERSON WITH:	5	SOLE VOTING POWER	
			0	
		6	SHARED VOTING POWER	
			582,743	
		7	SOLE DISPOSITIVE POWER	
			0	
		8	SHARED DISPOSITIVE POWER	
			582,743	

⁹ AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

582,743

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* //

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

5.08%

12 TYPE OF REPORTING PERSON*

IA, CO

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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ITEM 1(a). NAME OF ISSUER:

Zonagen, Inc. ("Zonagen")

ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

2408 Timberloch Place, Suite B-4 The Woodlands, Texas 77380

ITEM 2(a). NAME OF PERSON FILING:

This Amendment to Schedule 13G is being filed on behalf of the following persons* ("Reporting Persons"):

- (i) Biotechnology Value Fund, L.P. ("BVF")
- (ii) Biotechnology Value Fund II, L.P. ("BVF2")
- (iii) BVF Investments, L.L.C. ("Investments")
- (iv) Investment 10, L.L.C. ("ILL10")
- (v) BVF Partners L.P. ("Partners")
- (vi) BVF Inc. ("BVF Inc.")
- * Attached as Exhibit 1 is a copy of an agreement among the Reporting Persons (as specified hereinabove) that this Amendment to Schedule 13G is being filed on behalf of each of them. This agreement was inadvertently omitted from the Amendment to Schedule 13G filed by the Reporting Persons on December 5, 2003, which should have been an initial filing on Schedule 13G. Accordingly, this is Amendment No. 1.

ITEM 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE:

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:

BVF: a Delaware limited partnership
BVF2: a Delaware limited partnership
Investments: a Delaware limited liability company
Investment an Illinois limited liability company

10:

Partners: a Delaware limited partnership BVF Inc.: a Delaware corporation

ITEM 2(d). TITLE OF CLASS OF SECURITIES:

This Amendment to Schedule 13G is being filed with respect to the common stock, par value \$0.001 per share (the "Common Stock"), of Zonagen. The Reporting Persons' percentage ownership of Common Stock is based on 11,479,648 shares of Common Stock being outstanding.

ITEM 2(e). CUSIP NUMBER:

98975L 108

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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(c).

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 FIVE 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. //

OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

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

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF A 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.

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 13, 2004

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

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