ARENA PHARMACEUTICALS INC Form SC 13D/A October 20, 2003

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 4)(1)

Arena Pharmaceuticals, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

040047 10 2

(CUSIP Number)

Hope Flack

BVF Partners L.P.

227 West Monroe Street, Suite 4800

Chicago, Illinois 60606

(312) 263-7777

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

October 17, 2003

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

(1) 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 disclosures provided in a prior cover page.

The information required on 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).

CUSIP No. 0400	47 10 2		Page 2 of 9 Page
1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). Biotechnology Value Fund, L.P.		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a)	[X]	
	(b)	[]	
3.	SEC Use Only		
4.	Source of Funds (See Instructions)		
	WC		
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) []		
6.	Citizenship or Place of Organization		
	Delaware		
	7.	Sole Voting Power	
		0	
Number of			
Shares	8.	Shared Voting Power	
Beneficially Owned by		2,263,745	
Each	9.	Sole Dispositive Power	
Reporting	,.	0	
Person With			
	10.	Shared Dispositive Power	
		2,263,745	
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,263,745		
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) []		
13.	Percent of Class Represented by Amount in Row (11) 7.9%		
14.	Type of Reporting Pe PN	erson (See Instructions)	

CUSIP No. 0400	47 10 2		Page 3 of 9 Page
1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). Biotechnology Value Fund II, L.P.		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a)	[X]	
	(b)	[]	
3.	SEC Use Only		
4.	Source of Funds (See Instructions) WC		
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) []		
6.	Citizenship or Place of Organization Delaware		
	7.	Sole Voting Power	
Number of Shares Beneficially Owned by	8.	Shared Voting Power 1,453,102	
Each Reporting Person With	9.	Sole Dispositive Power 0	
	10.	Shared Dispositive Power 1,453,102	
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,453,102		
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) []		
13.	Percent of Class Represented by Amount in Row (11) 5.1%		
14.	Type of Reporting Pe PN	erson (See Instructions)	

CUSIP No. 0400	47 10 2		Page 4 of 9 Page
1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). BVF Investments, L.L.C.		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a)	[X]	
	(b)	[]	
3.	SEC Use Only		
4.	Source of Funds (See Instructions)		
	WC		
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) []		
6.	Citizenship or Place of Organization Delaware		
	7.	Sole Voting Power	
Number of Shares Beneficially Owned by	8.	Shared Voting Power 3,714,365	
Each Reporting Person With	9.	Sole Dispositive Power 0	
	10.	Shared Dispositive Power 3,714,365	
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 3,714,365		
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) []		
13.	Percent of Class Represented by Amount in Row (11) 13.0%		
14.	Type of Reporting Pe	erson (See Instructions)	

CUSIP No. 0400	47 10 2		Page 5 of 9 Page	
1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). BVF Partners L.P.			
2.	Check the Appropriat	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a)	[X]		
	(b)	[]		
3.	SEC Use Only			
4.	Source of Funds (See OO	Instructions)		
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) []			
6.	Citizenship or Place of Organization Delaware			
	7.	Sole Voting Power		
Number of				
Shares	8.	Shared Voting Power		
Beneficially Owned by		7,658,412		
Each	9.	Sole Dispositive Power		
Reporting Person With		0		
	10.	Shared Dispositive Power 7,658,412		
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 7,658,412			
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) []			
13.	Percent of Class Represented by Amount in Row (11) 26.8%			
14.	Type of Reporting Pe	rson (See Instructions)		

CUSIP No. 0400	147 10 2		Page 6 of 9 Page	
1.	Names of Reporting F BVF Inc.	Persons. I.R.S. Identification Nos. of above persons (entities only).		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)			
	(a)	[X]		
	(b)	[]		
3.	SEC Use Only			
4.	Source of Funds (See	Source of Funds (See Instructions)		
	00			
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) []			
6.	Citizenship or Place of Organization			
	Delaware			
	7.	Sole Voting Power		
		0		
Number of				
Shares	8.	Shared Voting Power		
Beneficially Owned by		7,658,412		
Each	9.	Sole Dispositive Power		
Reporting		0		
Person With	40			
	10.	Shared Dispositive Power 7,658,412		
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 7,658,412			
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) []			
13.	Percent of Class Represented by Amount in Row (11) 26.8%			
14.	Type of Reporting Pe IA, CO	erson (See Instructions)		

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This Amendment No. 4 to the Statement on Schedule 13D (this Amendment) is being filed with the Securities and Exchange Commission on behalf of the Biotechnology Value Fund, L.P., a Delaware limited partnership (BVF), Biotechnology Value Fund II, L.P., a Delaware limited partnership (BVF2), BVF Investments L.L.C., a Delaware limited liability company (Investments), BVF Partners L.P., a Delaware limited partnership (Partners) and BVF Inc., a Delaware corporation (BVF Inc. and, together with BVF, BVF2, Investments, and Partners, the Reporting Persons) with respect to the Common Stock, par value \$0.0001 per share (the Stock), of Arena Pharmaceuticals, Inc., a Delaware corporation (Arena). The principal executive office of Arena is located at 6166 Nancy Ridge Road, San Diego, California 92121.

Item 4 is hereby amended to add the following sentence to the end of the first paragraph:

On October 17, 2003, the Reporting Persons accepted Arena s offer to purchase three million (3,000,000) shares of Stock from the Reporting Persons, as described more fully in Item 6 below.

Item 6 is hereby amended to read in its entirety as follows:

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

Pursuant to the Stockholders Agreement between Arena and the Reporting Persons entered into on January 17, 2003 (the Stockholders Agreement), one representative from the Reporting Persons shall be entitled to serve on Arena s Board of Directors and one representative from the Reporting Persons shall be entitled to serve as a non-voting observer and participant in meetings of the Board of Directors. The Stockholders Agreement also provides for certain rights of the Reporting Persons to call a Special Meeting of Stockholders in limited circumstances. The Stockholders Agreement further provides that from July 1, 2003 through October 15, 2003, Arena shall have the right to offer to purchase from the Reporting Persons at least three million (3,000,000) shares of Stock on terms described in the Stockholders Agreement. The Stockholders Agreement does not require the Reporting Persons to accept or reject such offer. Pursuant to the terms of the Stockholders Agreement, the Reporting Persons agreed to certain time-limited standstill provisions, including a prohibition on any acquisitions of Stock or assets of Arena, a prohibition on the solicitation of proxies or the submission of shareholder proposals except as provided in the Stockholders Agreement, and a prohibition on engaging in any of the actions set forth in paragraphs (a) through (j) of Item 4 of Schedule 13D. The Stockholders Agreement also provides that the Stock beneficially owned by the Reporting Persons shall be voted in accordance with the recommendations of the Board of Directors with respect to nominees for election to the Board of Directors and certain stockholder proposals while the standstill provisions are in effect.

On October 7, 2003, Arena exercised its right to offer to purchase three million (3,000,000) shares of Stock from the Reporting Persons at a 10% discount to market value (or approximately \$7.69 per share, based upon Arena s calculations). Furthermore, on October 7, 2003, the Reporting Persons and Arena entered into an Amendment to the Stockholders Agreement which extends the period of time that the Reporting Persons have to respond to Arena s offer to up to ten (10) calendar days. On October 17, 2003, the Reporting Persons accepted Arena s offer to purchase three million (3,000,000) shares of Stock from the Reporting Persons on the terms described above. The closing of such transaction is currently pending.

The foregoing summary of the terms of the Stockholders Agreement and the Amendment to Stockholders Agreement does not purport to be a complete discussion of the agreement. Accordingly, the foregoing summary is qualified in its entirety by reference to the full text of the

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Stockholders Agreement, previously filed as an exhibit to the Schedule 13D amendment filed on January 21, 2003, and the full text of the Amendment to the Stockholders Agreement, previously filed as an exhibit to the Schedule 13D amendment filed on October 9, 2003.

Partners is the general partner of each of BVF and BVF2 pursuant to limited partnership agreements which authorize Partners, among other things, to invest the funds of BVF and BVF2 in shares of the Stock and to vote, exercise or convert and dispose of such shares. Pursuant to such limited partnership agreements, Partners is entitled to receive fees based on assets under management and allocations based on realized and unrealized gains on such assets. 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 Stock and to vote, exercise or convert and dispose of such shares and is entitled to receive fees based on assets under management and allocations based on realized and unrealized gains on such assets. Pursuant to an investment management agreement with ILL10, Partners and BVF Inc. have authority, among other things, to invest funds of ILL10 in shares of the Stock and to vote, exercise or convert and dispose of such shares. Pursuant to such investment management agreement, Partners and BVF Inc. receive fees based on assets under management and realized and unrealized gains thereon. BVF Inc. is the general partner of Partners and may be deemed to own beneficially securities over which Partners exercises voting and dispositive power.

Item 7. Material to Be Filed as Exhibits

Exhibit 1 Agreement Regarding Joint Filing

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

Dated: October 20, 2003

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

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