ARENA PHARMACEUTICALS INC Form SC 13D/A October 22, 2003

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 5)(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 21, 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 that 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. 040047 10 2

Page 2 of 8 pages

1.	1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entitie Biotechnology Value Fund, L.P.			
	I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (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 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 1,376,977		
Each Reporting Person With	9.	Sole Dispositive Power 0		
	10.	Shared Dispositive Power 1,376,977		
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,376,977			
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) []			
13.	Percent of Class Represented by Amount in Row (11) 5.4%*			

14. Type of Reporting Person (See Instructions) PN

In the Form 10-Q filed by the Issuer on August 13, 2003, 28,568,530 shares of stock are listed as outstanding. The Issuer closed on the purchase of 3,000,000 shares from the Reporting Persons on October 21, 2003. Accordingly, the percent of class is calculated on the basis of 25,568,530 shares outstanding.

CUSIP No. 040047 10 2

Page 3 of 8 pages

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). Biotechnology Value Fund II, L.P.				
	I.R.S. IDENTIFICATI	I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY):			
2.	Check the Appropria	te Box if a Member of a Group (See Instructions)			
	(a)	[X]			
	(b)	[]			
3.	SEC Use Only				
4.	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		883,884			
Owned by Each	0	Colo Dimensiting Demon			
Reporting	9.	Sole Dispositive Power			
Person With		0			
	10.	Shared Dispositive Power 883,884			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 883,884				
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) []				
13.	Percent of Class Represented by Amount in Row (11) 3.5%*				
	* In the Form	10-Q filed by the Issuer on August 13, 2003, 28,568,530 shares of stock are listed as outstanding.			
	in the rollin				

percent of class is calculated on the basis of 25,568,530 shares outstanding.

The Issuer closed on the purchase of 3,000,000 shares from the Reporting Persons on October 21, 2003. Accordingly, the

14. Type of Reporting Person (See Instructions) PN

CUSIP No. 040047 10 2 Page 4 of 8 pages 1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). BVF Investments, L.L.C. I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (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 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 **Shared Voting Power** Shares 8. Beneficially 2,259,351 Owned by Each 9. Sole Dispositive Power Reporting 0 **Person With Shared Dispositive Power** 10. 2.259.351 11. Aggregate Amount Beneficially Owned by Each Reporting Person 2,259,351 12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) 13. Percent of Class Represented by Amount in Row (11) 8.8%*

14. Type of Reporting Person (See Instructions) OO

^{*} In the Form 10-Q filed by the Issuer on August 13, 2003, 28,568,530 shares of stock are listed as outstanding. The Issuer closed on the purchase of 3,000,000 shares from the Reporting Persons on October 21, 2003. Accordingly, the percent of class is calculated on the basis of 25,568,530 shares outstanding.

CUSIP No.	040047	10 2		Page 5 of 8 pages
1.		Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). BVF Partners L.P.		
		I.R.S. IDENTIFICATIO	N NO. OF ABOVE PERSON (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 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	
Number of Shares Beneficially Owned by		8.	Shared Voting Power 4,658,412	
Each Reporting Person With	I	9.	Sole Dispositive Power 0	
		10.	Shared Dispositive Power 4,658,412	
11		Aggregate Amount Beneficially Owned by Each Reporting Person 4,658,412		
12	•	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) []		
13	•	Perent of Class Represented by Amount in Row (11) 18.2%*		
		* 145 1		

14. Type of Reporting Person (See Instructions) PN

In the Form 10-Q filed by the Issuer on August 13, 2003, 28,568,530 shares of stock are listed as outstanding.
The Issuer closed on the purchase of 3,000,000 shares from the Reporting Persons on October 21, 2003. Accordingly, the percent of class is calculated on the basis of 25,568,530 shares outstanding.

Page 6 of 8 pages

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). BVF Inc.			
	IDENTIFICATION N	O. OF ABOVE PERSON (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 Instructions) OO			
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 4,658,412		
Each Reporting Person With	9.	Sole Dispositive Power 0		
	10.	Shared Dispositive Power 4,658,412		
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 4,658,412			
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) []			
13.	Percent of Class Represented by Amount in Row (11) 18.2%*			
	* In the Form	10. O filed by the loguer on August 12, 2002, 28,568,520 shares of steely are lie		

14. Type of Reporting Person (See Instructions) IA, CO

In the Form 10-Q filed by the Issuer on August 13, 2003, 28,568,530 shares of stock are listed as outstanding. The Issuer closed on the purchase of 3,000,000 shares from the Reporting Persons on October 21, 2003. Accordingly, the percent of class is calculated on the basis of 25,568,530 shares outstanding.

CUSIP No. 040047 10 2

Page 7 of 8 pages

This Amendment No. 5 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 5 is hereby amended to read in its entirety as follows:

Item 5.

Interest in Securities of the Issuer

(a) BVF beneficially owns 1,376,977 shares of the Stock, BVF2 beneficially owns 883,884 shares of the Stock, Investments beneficially owns 2,259,351 shares of the Stock and each of Partners and BVF Inc. beneficially owns 4,658,412 shares of the Stock, representing approximately 5.4%, 3.5%, 8.8% and 18.2%, respectively, of the approximate aggregate number of shares of common stock outstanding as of October 21, 2003.

(b) Each of BVF, BVF2 and Investments shares with Partners voting and dispositive power over the shares of the Stock each such entity beneficially owns. Partners and BVF Inc. share voting and dispositive power over the 4,658,412 shares of the Stock they beneficially own with, in addition to BVF, BVF2 and Investments, Investment 10, L.L.C., an Illinois limited liability company (ILL10) and managed account on whose behalf Partners, as investment advisor, purchased such shares. ILL10 specializes in holding biotechnology stocks for investment purposes and its business address is 227 West Monroe Street, Suite 4800, Chicago, Illinois 60606.

(c) On October 17, 2003, the Reporting Persons accepted Arena s offer to purchase three million (3,000,000) shares of Stock at a price of \$7.69 per share pursuant to the terms of the Stockholders Agreement between Arena and the Reporting Persons entered into on January 17, 2003. The closing of such transaction was completed on October 21, 2003.

(d) ILL10 is entitled to receive dividends and any sale proceeds with respect to shares of the Stock in proportion to its respective ownership interest therein.

Item 7.

Material to Be Filed as Exhibits

Exhibit 1 Agreement Regarding Joint Filing

CUSIP No. 040047 10 2

Page 8 of 8 pages

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: October 22, 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