IRONWOOD PHARMACEUTICALS INC Form SC 13G November 05, 2012

UNITED STATES 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

Ironwood Pharmaceuticals, Inc. (Name of Issuer)

Class A common stock, \$0.001 par value (Title of Class of Securities)

46333X 10 8 (CUSIP Number)

October 26, 2012 (Date of Event Which Requires Filing of this Statement)

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

- o Rule 13d-1(b)
- x Rule 13d-1(c)
- o Rule 13d-1(d)

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).

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 the disclosures provided in a prior cover page.

1	NAME OF REPORTING PERSON	
2	Biotechnology Value Fund, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) x (b) o
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	

Delay	ware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		20,189
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

20,189

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

20,189

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

Less than 1%

12 TYPE OF REPORTING PERSON

8

PN

1	NAME OF REPORTING PERSON	
2	Biotechnology Value Fund II, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A	(a) x
2	GROUP	$(a) \mathbf{x}$ (b) o
3	SEC USE ONLY	(0) 0
4	CITIZENSHIP OR PLACE OF ORGANIZATION	

	Delaware		
NUMBER OF		5	SOLE VOTING POWER
SHARES			
BENEFICIALLY	(0 shares
OWNED BY		6	SHARED VOTING POWER
EACH			
REPORTING			14,377
PERSON WITH		7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

14,377

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

14,377

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

Less than 1%

12 TYPE OF REPORTING PERSON

8

PN

1	NAME OF REPORTING PERSON	
2	BVF Investments, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A	(a) x
	GROUP	(b) o
3	SEC USE ONLY	

4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

Ι	Delaware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		4,083,261
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

4,083,261

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,083,261

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.4%

12 TYPE OF REPORTING PERSON

00

1	NAME OF REPORTING PERSON	
2	BVF Partners L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) x (b) o

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

De	laware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		4,117,827
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

4,117,827

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,117,827

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.4%

12 TYPE OF REPORTING PERSON

PN, IA

1	NAME OF REPORTING PERSON
	BVF Inc.

- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) x GROUP (b) o
- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

Γ	Delaware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		4,117,827
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

4,117,827

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,117,827

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.4%

12 TYPE OF REPORTING PERSON

CO

1	NAME OF REPORTING PERSON	
2	Mark N. Lampert CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) x (b) o

- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

	United States		
NUMBER OF	-	5	SOLE VOTING POWER
SHARES			
BENEFICIALLY			0 shares
OWNED BY	(6	SHARED VOTING POWER
EACH			
REPORTING			4,117,827
PERSON WITH	•	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

4,117,827

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,117,827

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.4%

12 TYPE OF REPORTING PERSON

IN

CUSIP NO. 46333X 10 8

Item 1(a).

Name of Issuer:

Ironwood Pharmaceuticals, Inc., a Delaware corporation (the "Issuer").

Item 1(b).

Address of Issuer's Principal Executive Offices:

301 Binney Street Cambridge, Massachusetts 02142

Item 2(a).	Name of Person Filing
Item 2(b).	Address of Principal Business Office or, if None, Residence
Item 2(c).	Citizenship

Biotechnology Value Fund, L.P. ("BVF") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

BVF Investments, L.L.C. ("BVLLC") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

BVF Partners L.P. ("Partners") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

BVF Inc. 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

Mark N. Lampert ("Mr. Lampert") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: United States

Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."

Item 2(d).

Title of Class of Securities:

Class A common stock, \$0.001 par value (the "Common Stock")

Item 2(e).

CUSIP Number:

46333X 10 8

CUSIP NO. 46333X 108

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 a:

			/x/	Not applicable.
	(a)	//	Broker or dealer register	red under Section 15 of the Exchange Act.
(b)		11	Bank as defined	in Section $3(a)(6)$ of the Exchange Act.
(c)	//	Insurance company as define	ed in Section 3(a)(19) of the Exchange Act.
(d)	11	Inves	tment company registered und	der Section 8 of the Investment Company Act.
	(e)	//	An investment adviser i	in accordance with Rule 13d-1(b)(1)(ii)(E).
(f)	//	An employe	e benefit plan or endowment f	fund in accordance with Rule 13d-1(b)(1)(ii)(F).
(g)	//	A parent ho	olding company or control per-	son in accordance with Rule 13d-1(b)(1)(ii)(G).
(h)	//	A savings	s association as defined in Sect	tion 3(b) of the Federal Deposit Insurance Act.

- (i)//A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.
 - 11 Group, in accordance with Rule 13d-1(b)(1)(ii)(J). (i)
- (k)//Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

Item 4.

(a)

Ownership

Amount beneficially owned:

As of the close of business on November 2, 2012, (i) BVF beneficially owned 20,189 shares of Common Stock, (ii) BVF2 beneficially owned 14,377 shares of Common Stock and (iii) BVLLC beneficially owned 4,083,261 shares of Common Stock.

Partners, as the general partner of BVF and BVF2 and the manager of BVLLC, may be deemed to beneficially own the 4,117,827 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2 and BVLLC.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 4,117,827 shares of Common Stock beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 4,117,827 shares of Common Stock beneficially owned by BVF Inc.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any shares of Common Stock owned by another Reporting Person. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the shares of Common Stock beneficially owned by BVF, BVF2 and

BVLLC and the filing of this statement shall not be construed as an admission that any such person or entity is the beneficial owner of any such securities.

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(b)

Percent of class:

The following percentages are based on 75,732,437 shares of Common Stock outstanding as of July 25, 2012, as disclosed in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on August 7, 2012.

As of the close of business on November 2, 2012, (i) BVF beneficially owned less than 1% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned less than 1% of the outstanding shares of Common Stock, (iii) BVLLC beneficially owned approximately 5.4% of the outstanding shares of Common Stock and (iv) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 5.4% of the outstanding shares of Common Stock.

(c)	Number of shares as to which such person has:		
(i)	Sole power to vote or to direct the vote		
See Cover Pages Items 5-9.			
(ii)	Shared power to vote or to direct the vote		
See Cover Pages Items 5-9.			
(iii)	Sole power to dispose or to direct the disposition of		
See Cover Pages Items 5-9.			
(iv)	Shared power to dispose or to direct the disposition of		
See Cover Pages Items 5-9.			
Item 5.	Ownership of Five Percent or Less of a Class.		
Not Applicable.			

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

Pursuant to the operating agreement of BVLLC, Partners is authorized, among other things, to invest the contributed capital of Samana Capital, L.P., the majority member of BVLLC, in the shares of Common Stock and other securities of the Issuer and to vote, exercise or convert and dispose of each security, and is entitled to receive fees based on assets under management and, subject to certain exceptions, allocations based on realized and unrealized gains on such assets.

Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the shares of Common Stock beneficially owned by BVF, BVF2 and BVLLC.

CUSIP NO. 46333X 10 8

Item Identification and Classification of the Subsidiary That Acquired the Security Being Reported on by the ParentHolding Company or Control Person.

Not Applicable.

Item 8.	Identification and Classification of Members of the Group.		
See Exhibit 99.1.			
Item 9.	Notice of Dissolution of Group.		
Not Applicable.			
Item 10.	Certifications.		

By signing below each of the undersigned certifies that, to the best of its 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.

CUSIP NO. 46333X 108

SIGNATURE

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: November 5, 2012

BIOTECHNOLOG	Y VALUE FUND, L.P.	BVF PARTNERS L.P.		
By:	BVF Partners L.P., its general partner	By:	BVF Inc., its general partner	
By: By:	BVF Inc., its general partner /s/ Mark N. Lampert Mark N. Lampert President	By:	/s/ Mark N. Lampert Mark N. Lampert President	
BIOTECHNOLOG	Y VALUE FUND II, L.P.	BVF INC.		
By: By: By:	partner y: BVF Inc., its general partner		/s/ Mark N. Lampert Mark N. Lampert President rt ERT	
BVF INVESTMEN	ITS, 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			