ADAGE CAPITAL PARTNERS GP LLC Form SC 13G/A February 14, 2012

## SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G/A (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. 2)\*

Ironwood Pharmaceuticals, Inc. (Name of Issuer)

Class A Common Stock (Title of Class of Securities)

46333X108 (CUSIP Number)

December 31, 2011 (Date of event which requires filing of this statement)

Check the appropriate box to designate the rule pursuant to which this Schedule 13G/A is filed:

"Rule 13d-1(b) xRule 13d-1(c) "Rule 13d-1(d)

(Page 1 of 10 Pages)

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).

<sup>\*</sup>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.

CUSIP No. 46333X108

13G/A

Page 2 of 10 Pages

1	NAMES OF REPORTING PERSONS			
	I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS	S (ENTITIES ONLY	<u></u>	
	Adage Capital Partners, L.P.			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF	OF A GROUP**	(a) "	
			(b) x	
3	SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Delaware			
NUMBER OF	5 SOLE VOTING POWER			
SHARES BENEFICIALLY	0			
	SHARED VOTING POWER			
OWNED BY	1,461,589			
EACH	7 SOLE DISPOSITIVE POWER			
REPORTING	0			
PERSON WITH	8 SHARED DISPOSITIVE POWER			
	1,461,589			
9	AGGREGATE AMOUNT BENEFICIALLY OWNED	BY EACH REPOR	TING PERSON	
10	1,461,589			
10	CHECK BOX IF THE AGGREGATE AMOUNT IN F	OW (9) EXCLUDE	S	
4.4	CERTAIN SHARES**	T D D O D (O)		
11	PERCENT OF CLASS REPRESENTED BY AMOUN	TIN ROW (9)		
10	2.44%			
12	TYPE OF REPORTING PERSON**			
	PN			

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 46333X108

13G/A

Page 3 of 10 Pages

1	NAMES OF REPORTING PERSONS			
	I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)			
	Adage Capital	Partners GP, L.L.C.	·	
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			
NUMBER OF	5	SOLE VOTING POWER		
SHARES BENEFICIALLY		0		
	<sub>v</sub> 6	SHARED VOTING POWER		
OWNED BY	L	1,461,589		
EACH	7	SOLE DISPOSITIVE POWER		
REPORTING		0		
PERSON WITH	ı <sup>8</sup>	SHARED DISPOSITIVE POWER		
		1,461,589		
9		E AMOUNT BENEFICIALLY OWNED BY EACH REPO	RTING PERSON	
	1,461,589			
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES "			
	CERTAIN SHARES**			
11		CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	2.44%			
12		PORTING PERSON**		
	OO			

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 46333X108

13G/A

Page 4 of 10 Pages

1	NAMES OF REPORTING PERSONS		
	I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES O	ONLY)	
	Adage Capital Advisors, L.L.C.	,	
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		
	5 SOLE VOTING POWER		
NUMBER OF	0		
SHARES BENEFICIALLY	6 SHARED VOTING POWER		
	1,461,589		
OWNED BY	7 SOLE DISPOSITIVE POWER		
EACH	0		
REPORTING	SHARED DISPOSITIVE POWER		
PERSON WITH	1,461,589		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH R	EDODTING DEDSON	
9	1,461,589	EFORTING FERSON	
10	• •	TIDEC "	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXC	LUDES	
11	CERTAIN SHARES**		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9	)	
10	2.44%		
12	TYPE OF REPORTING PERSON**		
	00		
	** SEE INSTRUCTIONS BEFORE FILLING OUT!		

CUSIP No. 46333X108

13G/A

Page 5 of 10 Pages

1	NAMES OF REPORTING PERSONS				
	I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)				
	Robert Atchins	•	,		
2	CHECK THE	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP** (a) "			
			(b) x		
3	SEC USE ONLY				
4		HIP OR PLACE OF ORGANIZATION			
	United States				
	5	SOLE VOTING POWER			
NUMBER OF		0			
SHARES BENEFICIALLY	6	SHARED VOTING POWER			
	Y	1,461,589			
OWNED BY	7	SOLE DISPOSITIVE POWER			
EACH		0			
REPORTING	. 8	SHARED DISPOSITIVE POWER			
PERSON WITH	l	1,461,589			
9	AGGREGATE	E AMOUNT BENEFICIALLY OWNED BY EACH REPO	RTING PERSON		
	1,461,589				
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES "				
	CERTAIN SHARES**				
11					
	2.44%				
12	TYPE OF REF	PORTING PERSON**			
	IN				

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 46333X108

13G/A

Page 6 of 10 Pages

1		NAMES OF REPORTING PERSONS			
		I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)			
		Phillip Gross			
2		CHECK THE	APPROPRIATE BOX IF A MEMBER OF A GROUP**	(a) "	
				(b) x	
3		SEC USE ONLY			
4		CITIZENSHIP OR PLACE OF ORGANIZATION			
		United States			
NILIMDE	ED OE	5	SOLE VOTING POWER		
NUMBER OF SHARES BENEFICIALLY			0		
		,6	SHARED VOTING POWER		
221,2110			1,461,589		
OWNED BY EACH REPORTING		7	SOLE DISPOSITIVE POWER		
		0			
		8	SHARED DISPOSITIVE POWER		
PERSON WITH	W 1 1 1 1		1,461,589		
9		AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSO			
		1,461,589			
10		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES "			
	CERTAIN SHARES**				
11		PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
		2.44%			
12		TYPE OF REP	PORTING PERSON**		
		IN			

<sup>\*\*</sup> SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 46333X108

13G/A

Page 7 of 10 Pages

Item 1 (a). NAME OF ISSUER:

The name of the issuer is Ironwood Pharmaceuticals, Inc. (the "Company").

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

The Company's principal executive offices are located at 301 Binney Street, Cambridge, Massachusetts 02142.

Item 2 (a). NAME OF PERSON FILING:

This statement is filed by:

(i) Adage Capital Partners, L.P., a Delaware limited partnership

("ACP") with respect to the shares of Common Stock directly

owned by it;

(ii) Adage Capital Partners GP, L.L.C., a limited liability company

organized under the laws of the State of Delaware ("ACPGP"), as general partner of ACP with respect to the shares of Common

Stock directly owned by ACP;

(iii) Adage Capital Advisors, L.L.C., a limited liability company

organized under the laws of the State of Delaware ("ACA"), as managing member of ACPGP, general partner of ACP, with respect

to the shares of Common Stock directly owned by ACP;

(iv) Robert Atchinson ("Mr. Atchinson"), as managing member of

ACA, managing member of ACPGP, general partner of ACP with respect to the shares of Common Stock directly owned by ACP;

and

(v) Phillip Gross ("Mr. Gross"), as managing member of ACA,

managing member of ACPGP, general partner of ACP with respect

to the shares of Common Stock directly owned by ACP.

The foregoing persons are hereinafter sometimes collectively referred to as the "Reporting Persons." Any disclosures herein with respect to persons other than the Reporting Persons are made on information and belief after making inquiry to the appropriate party.

Item 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE,

**RESIDENCE:** 

The address of the business office of each of the Reporting Persons is 200 Clarendon Street, 52nd floor, Boston, Massachusetts 02116.

Item 2(c). CITIZENSHIP:

ACP is a limited partnership organized under the laws of the State of Delaware. ACPGP and ACA are limited liability companies organized under the laws of the State of Delaware. Messrs. Gross and Atchinson are citizens of the United States.

#### Item 2(d). TITLE OF CLASS OF SECURITIES:

Class A Common Stock(the "Common Stock").

CUSIP No. 46333X108

13G/A

Page 8 of 10 Pages

#### Item 2(e). **CUSIP NUMBER:**

46333X108

#### IF THIS STATEMENT IS FILED PURSUANT TO RULES 13d-1(b) OR Item 3. 13d-2(b) OR (c), CHECK WHETHER THE PERSON FILING IS A:

- (a) Broker or dealer registered under Section 15 of the Act,
- Bank as defined in Section 3(a)(6) of the Act, (b)
- Insurance Company as defined in Section 3(a)(19) of the Act, (c)
- Investment Company registered under Section 8 of the Investment (d) Company Act of 1940,
- Investment Adviser registered under Section 203 of the Investment (e) Advisers Act of 1940,
- Employee Benefit Plan or Endowment Fund in accordance with (f) Rule 13d-1(b)(1)(ii)(F),
- (g) Parent Holding Company or control person in accordance with Rule 13d-1(b)(1)(ii)(G),
- Savings Association as defined in Section 3(b) of the Federal (h) Deposit Insurance Act,
- (i) Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of
- Group, in accordance with Rule 13d-1(b)(1)(ii)(J). (j)

If this statement is filed pursuant to Rule 13d-1(c), check this box: x

#### OWNERSHIP. Item 4.

Adage Capital Partners, L.P., Adage Capital Partners GP, L.L.C. and Adage Capital Advisors, L.L.C. A.

> Amount beneficially owned: 1,461,589 (a)

(b) Percent of class: 2.44%. The percentages used herein and in the rest of Item 4 are calculated based upon the 59,875,478 shares of Common Stock issued and outstanding as of November 1, 2011 as reflected in the Form 10-O filed by the Company on November 9, 2011.

Sole power to vote or direct the vote: 0 (c) (i)

> (ii) Shared power to vote or direct the vote: 1,461,589

Sole power to dispose or direct the disposition: 0 (iii)

Shared power to dispose or direct the disposition (iv)

of: 1,461,589

CUSIP No. 46333X108

13G/A

Page 9 of 10 Pages

ACP has the power to dispose of and the power to vote the shares of Common Stock beneficially owned by it, which power may be exercised by its general partner, ACPGP. ACA, as managing member of ACPGP, directs ACPGP's operations. Neither ACPGP nor ACA directly own any shares of Common Stock. By reason of the provisions of Rule 13d-3 of the Securities Exchange Act of 1934 (the "Act"), ACPGP and ACA may be deemed to beneficially own the shares owned by ACP.

B. Robert Atchinson and Phillip Gross

(a) Amount beneficially owned: 1,461,589

(b) Percent of class: 2.44%

(c) Sole power to vote or direct the vote: 0

(ii) Shared power to vote or direct the

vote: 1,461,589

(iii) Sole power to dispose or direct the

disposition: 0

(iv) Shared power to dispose or direct the

disposition: 1,461,589

Messrs. Atchinson and Gross, as managing members of ACA, have shared power to vote the Common Stock beneficially owned by ACP. Neither Mr. Atchinson nor Mr. Gross directly own any shares of Common Stock. By reason of the provisions of Rule 13d-3 of the Act, each may be deemed to beneficially own the shares beneficially owned by ACP.

Item 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

This statement is being filed to report the fact that as of December 31, 2011 the Reporting Persons have ceased to be the beneficial owners of more than five percent of the class of securities.

Item 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

Not applicable.

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

Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not applicable.

Item 9. NOTICE OF DISSOLUTION OF GROUP.

Not applicable.

#### Item 10. CERTIFICATION.

Each of the Reporting Persons hereby makes the following certification:

By signing below each Reporting Person 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. 46333X108

13G/A

Page 10 of 10 Pages

#### **SIGNATURES**

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

DATED: February 14, 2012

ADAGE CAPITAL PARTNERS, L.P. By: Adage Capital Partners GP, L.L.C., its general partner

By: Adage Capital Advisors, L.L.C., its managing member

/s/ Robert Atchinson Name: Robert Atchinson Title: Managing Member

ADAGE CAPITAL PARTNERS GP, L.L.C.

By: Adage Capital Advisors, L.L.C.,

its managing member

/s/ Robert Atchinson Name: Robert Atchinson Title: Managing Member

ADAGE CAPITAL ADVISORS, L.L.C.

/s/ Robert Atchinson Name: Robert Atchinson Title: Managing Member

**ROBERT ATCHINSON** 

/s/ Robert Atchinson ROBERT ATCHINSON, individually

PHILLIP GROSS

/s/ Phillip Gross PHILLIP GROSS, individually