ARRAY BIOPHARMA INC Form SC 13G/A February 17, 2015

## 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. 5)1

Array BioPharma Inc. (Name of Issuer)

Common Stock, par value \$0.001 per share (Title of Class of Securities)

04269X105 (CUSIP Number)

December 31, 2014 (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).

<sup>1</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.

NAME OF REPORTING PERSON

## CUSIP NO. 04269X105

1	TWIND OF ICE	ORTHVOTERS	011				
2	Biotechnology Value Fund, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) x						
3	GROUP SEC USE ONL	LY.		(b) o			
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER				
BENEFICIALLY OWNED BY EACH	•	6	0 shares SHARED VOTING POWER				
REPORTING PERSON WITH		7	1,464,131 SOLE DISPOSITIVE POWER				
		8	0 shares SHARED DISPOSITIVE POWE	R			
9	AGGREGATE	AMOUNT BEN	1,464,131 EFICIALLY OWNED BY EACH	REPORTING PERSON			
10	1,464,131 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES						
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)			
12	1.1% TYPE OF REPORTING PERSON						
	PN						
2							

NAME OF REPORTING PERSON

## CUSIP NO. 04269X105

2 3	Biotechnology CHECK THE A GROUP SEC USE ONL	(a) x (b) o			
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION		
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER		
BENEFICIALLY OWNED BY	7	6	0 shares SHARED VOTING POWER		
EACH REPORTING PERSON WITH	7		756,748 SOLE DISPOSITIVE POWER		
		8	0 shares SHARED DISPOSITIVE POWE	ER	
9	AGGREGATE	AMOUNT BEN	756,748 EFICIALLY OWNED BY EACH	I REPORTING PERSON	
10		IF THE AGGREG ERTAIN SHARI	GATE AMOUNT IN ROW (9) ES		
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)	
12	Less than 1% TYPE OF REP	ORTING PERSO	DN		
	PN				
3					

NAME OF REPORTING PERSON

## CUSIP NO. 04269X105

1	TWIND OF REA	ORTHVOTERS	011				
2	BVF Investments, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A  (a) x						
3	GROUP SEC USE ONL	Υ		(b) o			
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
NAMED OF	Delaware	_	GOLF WOTING DOWER				
NUMBER OF SHARES		5	SOLE VOTING POWER				
BENEFICIALLY			0 shares				
OWNED BY		6	SHARED VOTING POWER				
EACH REPORTING			8,609,536				
PERSON WITH		7	SOLE DISPOSITIVE POWER				
		8	0 shares SHARED DISPOSITIVE POWE	R			
		O .	SIMINED DISTOSITIVE TOWE	IX.			
			8,609,536				
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON			
	8,609,536						
10			GATE AMOUNT IN ROW (9)				
	EXCLUDES C	ERTAIN SHARI	ES				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
	6.5%						
12	TYPE OF REP	ORTING PERSO	ON				
	OO						
4							

## CUSIP NO. 04269X105

1	NAME OF RE	PORTING PERS	ON				
2 3	Investment 10, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY						
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
NUMBER OF SHARES	Illinois	5	SOLE VOTING POWER				
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	•	6	0 shares SHARED VOTING POWER				
		7	406,357 SOLE DISPOSITIVE POWER				
		8	0 shares SHARED DISPOSITIVE POWE	R			
9	AGGREGATE	AMOUNT BEN	406,357 IEFICIALLY OWNED BY EACH	REPORTING PERSON			
10	406,357 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)			
12	Less than 1% TYPE OF REPORTING PERSON						
	OO						
5							

NAME OF REPORTING PERSON

## CUSIP NO. 04269X105

2	MSI BVF SPV, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o					
3	SEC USE ONL	ĽΥ				
4	CITIZENSHIP OR PLACE OF ORGANIZATION					
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER			
BENEFICIALLY OWNED BY EACH	•	6	0 shares SHARED VOTING POWER			
REPORTING PERSON WITH		7	535,563 SOLE DISPOSITIVE POWER			
		8	0 shares SHARED DISPOSITIVE POWE	R		
9	AGGREGATE	AMOUNT BEN	535,563 EFICIALLY OWNED BY EACH	REPORTING PERSON		
10	535,563 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES					
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)		
12	Less than 1% TYPE OF REPORTING PERSON					
	00					
6						

## CUSIP NO. 04269X105

1 NAME OF REPORTING PERSON

	BVF Partners L.P.		
2	CHECK THE APPROPRIATE I	(a) x	
3	GROUP SEC USE ONLY		(b) o
3	SEC USE ONL I		
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		11,772,335 SOLE DISPOSITIVE POWER	
PERSON WITH	7		
		0 shares	
	8	SHARED DISPOSITIVE POWE	D
	8	SHARED DISPOSITIVE POWE	K
		11,772,335	
9	AGGREGATE AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON
	11,772,335		
10	CHECK BOX IF THE AGGREO	GATE AMOUNT IN ROW (9)	
	<b>EXCLUDES CERTAIN SHARE</b>	ES	
11	PERCENT OF CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
	8.9%		
12	TYPE OF REPORTING PERSO	)N	
	DNI IA		
	PN, IA		
7			
•			

NAME OF REPORTING PERSON

## CUSIP NO. 04269X105

2 3	BVF Inc. CHECK THE A GROUP SEC USE ONL	(a) x (b) o				
4	CITIZENSHIP	OR PLACE OF 0	ORGANIZATION			
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER			
BENEFICIALLY OWNED BY EACH	6		0 shares SHARED VOTING POWER 11,772,335 SOLE DISPOSITIVE POWER			
REPORTING PERSON WITH						
		8	0 shares SHARED DISPOSITIVE POWER			
9	AGGREGATE	AMOUNT BEN	11,772,335 EFICIALLY OWNED BY EACH	I REPORTING PERSON		
10		F THE AGGREC ERTAIN SHARE	GATE AMOUNT IN ROW (9) ES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
12	8.9% TYPE OF REPORTING PERSON					
	СО					
8						

NAME OF REPORTING PERSON

## CUSIP NO. 04269X105

_						
2	Mark N. Lampe CHECK THE A GROUP SEC USE ONL	(a) x (b) o				
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION			
NUMBER OF SHARES	United States	5	SOLE VOTING POWER			
BENEFICIALLY OWNED BY EACH		6	0 shares SHARED VOTING POWER			
REPORTING PERSON WITH	7		11,772,335 SOLE DISPOSITIVE POWER			
		8	0 shares SHARED DISPOSITIVE POWE	R		
9	AGGREGATE	AMOUNT BEN	11,772,335 EFICIALLY OWNED BY EACH	REPORTING PERSON		
10	11,772,335 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES					
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)		
12	8.9% TYPE OF REPORTING PERSON					
	IN					
9						

CUSIP NO. 04269X105

Item 1(a). Name of Issuer:

Array BioPharma Inc., a Delaware corporation (the "Issuer").

Item 1(b). Address of Issuer's Principal Executive Offices:

3200 Walnut Street

Boulder, Colorado 80301

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")

1 Sansome Street, 30th Floor San Francisco, California 94104

Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2")

1 Sansome Street, 30th Floor San Francisco, California 94104

Citizenship: Delaware

BVF Investments, L.L.C. ("BVLLC")

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611

Citizenship: Delaware

Investment 10, L.L.C. ("ILL10")

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611

Citizenship: Illinois

MSI BVF SPV, LLC ("MSI")

c/o Magnitude Capital, LLC

601 Lexington Avenue, 59th Floor

New York, NY 10022

Citizenship: Delaware

BVF Partners L.P. ("Partners")

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611

Citizenship: Delaware

BVF Inc.

1 Sansome Street, 30th Floor

San Francisco, California 94104

Citizenship: Delaware

Mark N. Lampert ("Mr. Lampert") 1 Sansome Street, 30th Floor San Francisco, California 94104 Citizenship: United States

#### CUSIP NO. 04269X105

Each o	of the foregoin	ng is referred to a	as a "Reporting Person" and collectively as the "Reporting Persons."					
Item 2	(d). Title of Class of Securities:							
Comm	non Stock, par	value \$0.001 pe	er share (the "Common Stock")					
Item 2	(e).		CUSIP Number:					
04269	X105							
Item 3	. If This State	ment is Filed Pu	rsuant 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 registered under Section 15 of the Exchange Act.					
	(b)	//	Bank as defined in Section 3(a)(6) of the Exchange Act.					
	(c)	// I	nsurance company as defined in Section 3(a)(19) of the Exchange Act.					
	(d) /	/ Investme	ent company registered under Section 8 of the Investment Company Act.					
	(e)	//	An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).					
(	(f) //	An employee b	enefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).					
(	(g) //	A parent holdi	ing company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).					
	(h) //	A savings as	sociation as defined in Section 3(b) of the Federal Deposit Insurance Act.					
	A church plan Investment Co		ed from the definition of an investment company under Section 3(c)(14) of the					
	(j)	//	Group, in accordance with Rule 13d-1(b)(1)(ii)(J).					
	_		tale $240.13d-1(b)(1)(ii)(K)$ . If filing as a non-U.S. institution in accordance with ease specify the type of institution:					
Item 4			Ownership					
		(a)	Amount beneficially owned:					
			1 21 2014 (I) DVD1 (I I II I I I I I I I I I I I I I I I					

As of the close of business on December 31, 2014, (i) BVF beneficially owned 1,464,131 shares of Common Stock, (ii) BVF2 beneficially owned 756,748 shares of Common Stock, (iii) BVLLC beneficially owned 8,609,536 shares of Common Stock, (iv) ILL10 beneficially owned 406,357 shares of Common Stock, and (v) MSI beneficially owned 535,563 shares of Common Stock.

#### CUSIP NO. 04269X105

Partners, as the general partner of BVF and BVF2, the manager of BVLLC, and the investment adviser of each of ILL10 and MSI, may be deemed to beneficially own the 11,772,335 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, BVLLC, ILL10 and MSI.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 11,772,335 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 11,772,335 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, BVLLC, ILL10 and MSI, 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.

(b) Percent of class:

The following percentages are based on 131,963,311 shares of Common Stock outstanding as of October 31, 2014, as disclosed in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 5, 2014.

As of the close of business on December 31, 2014, (i) BVF beneficially owned approximately 1.1% 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 6.5% of the outstanding shares of Common Stock, (iv) ILL10 beneficially owned less than 1% of the outstanding shares of Common Stock, (v) MSI beneficially owned less than 1% of the outstanding shares of Common Stock, and (vi) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 8.9% 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.	

CI	IZI	P	N	$\cap$	04	26	9X	105

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, BVLLC, ILL10 and MSI.

Item Identification and Classification of the Subsidiary That Acquired the Security Being Reported on by the Parent 7. Holding 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. 04269X105

#### **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: February 17, 2015

By:

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF Partners L.P., its investment

adviser

partner
By: BVF Inc., its general partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

By: /s/ Mark N. Lampert
Mark N. Lampert

Mark N. Lampert

BVF Partners L.P., its general

President

President

BIOTECHNOLOGY VALUE FUND II, L.P.

MSI BVF SPV, LLC

By:

BVF INC.

INVESTMENT 10, L.L.C.

By: BVF Partners L.P., its general

partner

By: BVF Inc., its general partner

adviser
By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

By: /s/ Mark N. Lampert

Mark N. Lampert

BVF Partners L.P., its investment

President

BVF PARTNERS L.P.

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

By: /s/ Mark N. Lampert

Mark N. Lampert

President

/s/ Mark N. Lampert MARK N. LAMPERT

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