ARRAY BIOPHARMA INC Form SC 13G/A February 14, 2017

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. 7)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, 2016 (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)

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.

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	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	(0) 0
4	CITIZENSHIP OR PLACE OF ORGANIZATION	

Del	laware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		2,309,793
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

2,309,793

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,309,793

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

1.4%

12 TYPE OF REPORTING PERSON

8

PN

1	NAME OF REPORTING PERSON	
	Biotechnology Value Fund II, L.P.	
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	

Del	aware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		1,486,658
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

1,486,658

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,486,658

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 PERS	ON	
2	Biotechnology Value Trading F CHECK THE APPROPRIATE GROUP		(a) x (b) o
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF	ORGANIZATION	
	Cayman Islands		
NUMBER OF	5	SOLE VOTING POWER	
SHARES BENEFICIALLY OWNED BY EACH	6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH	7	443,077 SOLE DISPOSITIVE POWER	

0 shares

SHARED DISPOSITIVE POWER

443,077

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

443,077

- 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	
BVF Partners OS Ltd.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

Cayman Islands	
5	SOLE VOTING POWER
(0 shares
6	SHARED VOTING POWER
	443,077
7	SOLE DISPOSITIVE POWER
	5 7 6

0 shares

SHARED DISPOSITIVE POWER

443,077

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

443,077

- 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

CO

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

4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

	Delaware		
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0 shares	
OWNED BY	6	5 SHARED VOTING POWER	
EACH			
REPORTING		4,986,186	
PERSON WITH	7	SOLE DISPOSITIVE POWER	

0 shares

SHARED DISPOSITIVE POWER

4,986,186

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,986,186

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

3.0%

12 TYPE OF REPORTING PERSON

PN, IA

1	NAME OF REPORTING PERSON	
	BVF Inc.	
2	CHECK THE APPROPRIATE BOX IE A MEMBER OF A	(a)

- 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

]	Delaware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		4,986,186
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

4,986,186

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,986,186

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

3.0%

12 TYPE OF REPORTING PERSON

CO

1	NAME OF REPORTING PERSON	
2	Mark N. Lampert CHECK THE APPROPRIATE BOX IF A MEMBER OF A	(a) x
2	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	7		0 shares
OWNED BY		6	SHARED VOTING POWER
EACH			
REPORTING			4,986,186
PERSON WITH		7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

4,986,186

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,986,186

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

3.0%

12 TYPE OF REPORTING PERSON

IN

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 FilingItem 2(b).Address of Principal Business Office or, if None, ResidenceItem 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

Biotechnology Value Trading Fund OS LP ("Trading Fund OS") PO Box 309 Ugland House Grand Cayman, KY1-1104 Cayman Islands Citizenship: Cayman Islands

BVF Partners OS Ltd. ("Partners OS") PO Box 309 Ugland House Grand Cayman, KY1-1104 Cayman Islands Citizenship: Cayman Islands

BVF Partners L.P. ("Partners") 1 Sansome Street, 30th Floor San Francisco, California 94104 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

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:

Common Stock, par value \$0.001 per share (the "Common Stock")

Item 2(e).

CUSIP Number:

04269X105

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 registered under Section 15 of the Exchange Act.
	(b)	//	Bank as defined in Section 3(a)(6) of the Exchange Act.
(0	c)	//	Insurance company as defined in Section 3(a)(19) of the Exchange Act.
(d)	11	Inves	tment 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 employe	e benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).
(g)	//	A parent ho	lding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
(h)	//	A savings	association as defined in Section 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). (j)
- (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.

Ownership

(a) Amount beneficially owned:

As of the close of business on December 31, 2016 (i) BVF beneficially owned 2,309,793 shares of Common Stock, (ii) BVF2 beneficially owned 1,486,658 shares of Common Stock, and (iii) Trading Fund OS beneficially owned 443,077 shares of Common Stock.

Partners OS as the general partner of Trading Fund OS may be deemed to beneficially own the 443,077 shares of Common Stock beneficially owned by Trading Fund OS.

Partners, as the general partner of BVF, BVF2, the investment manager of Trading Fund OS, and the sole member of Partners OS, may be deemed to beneficially own the 4,986,186 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, Trading Fund OS, and certain Partners managed accounts (the "Partners Managed Accounts"), including 746,658 shares of Common Stock held in the Partners Managed Accounts.

CUSIP NO. 04269X105

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 4,986,186 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 4,986,186 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. Partners OS disclaims beneficial ownership of the shares of Common Stock beneficially owned by Trading Fund OS. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the shares of Common Stock beneficially owned by Trading Fund OS, and the Partners Managed Accounts, 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.

Percent of class:

(b)

The following percentages are based on 168,547,320 shares of Common Stock outstanding as of October 31, 2016, as disclosed in the Issuer's Quarterly Report filed on Form 10-Q with the Securities and Exchange Commission on November 3, 2016.

As of the close of business on December 31, 2016 (i) BVF beneficially owned approximately 1.4% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned less than 1% of the outstanding shares of Common Stock, (iii) Trading Fund OS beneficially owned less than 1% of the outstanding shares of Common Stock (iv) Partners OS may be deemed to beneficially own less than 1% of the outstanding shares of Common Stock, and (v) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 3.0% of the outstanding shares of Common Stock (less than 1% of which is held in the Partners Managed Accounts).

(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.	

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [X].

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

Not Applicable.

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 to Amendment No. 6 to the Schedule 13G filed with the Securities and Exchange Commission on February 5, 2016.

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.

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.

BVF INC.

MARK N. LAMPERT

Dated: February 14, 2017

BIOTECHNOLOGY VALUE FUND, L.P.

			D II HIGI
By:	BVF Partners L.P., its general		
	partner		
By:	BVF Inc., its general partner	By:	/s/ Mark N. Lampert
			Mark N. Lampert
By:	/s/ Mark N. Lampert		President
	Mark N. Lampert		
	President		
			/s/ Mark N. Lampert

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 PARTNERS L.P.

By: BVF Inc., its general partner

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

BVF PARTNERS OS LTD.

By:	BVF Partners L.P., its sole member
By:	BVF Inc., its general partner
By:	/s/ Mark N. Lampert Mark N. Lampert President

BIOTECHNOLOGY VALUE TRADING FUND OS LP

- By: BVF Partners L.P., its investment manager
- By: BVF Inc., its general partner
- By: /s/ Mark N. Lampert Mark N. Lampert President