CYTOKINETICS INC Form SC 13G/A February 16, 2016

#### 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. 2)1

Cytokinetics, Incorporated (Name of Issuer)

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

23282W 60 5 (CUSIP Number)

December 31, 2015 (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.

1	NAME OF REI	PORTING PERS	ON	
2	Biotechnology Value Fund, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
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	1,682,579 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	1,682,579 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	1,682,579 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	4.3% (1) TYPE OF REPORTING PERSON			
	PN			

(1) Includes 421,602 shares of Common Stock currently issuable upon the exercise of certain Warrants (defined below). The Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own, as determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, more than 9.98% of the number of shares of Common Stock then issued and outstanding.

1	NAME OF RE	PORTING PERS	ON	
2	Biotechnology Value Fund II, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
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	967,054 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	967,054 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	967,054 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	2.5% (1) TYPE OF REPORTING PERSON			
	PN			

(1) Includes 225,379 shares of Common Stock currently issuable upon the exercise of certain Warrants (defined below). The Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own, as determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, more than 9.98% of the number of shares of Common Stock then issued and outstanding.

NAME OF REPORTING PERSON

2 3	CHECK THE A GROUP SEC USE ONL	.Y	BOX IF A MEMBER OF A	(a) x (b) o
4	CHIZENSHIP	OR PLACE OF ORGANIZATION		
NUMBER OF SHARES	Cayman Island	s 5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY	•	6	0 shares SHARED VOTING POWER	
EACH REPORTING PERSON WITH		7	304,472 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	ER
9	AGGREGATE	AMOUNT BEN	304,472 EFICIALLY OWNED BY EACH	I REPORTING PERSON
10		IF THE AGGREC ERTAIN SHARE	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	N	
	PN			
Δ				

NAME OF REPORTING PERSON

-					
2	BVF Partners OS Ltd. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o				
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE C	OF ORGANIZATION			
	Cayman Islands				
NUMBER OF SHARES	5	SOLE VOTING POWER			
BENEFICIALLY	•	0 shares			
OWNED BY EACH	6	SHARED VOTING POWER			
REPORTING		304,472			
PERSON WITH	7	SOLE DISPOSITIVE POWER			
		0 shares			
	8	SHARED DISPOSITIVE POWE	CR .		
		304,472			
9	AGGREGATE AMOUNT BI	ENEFICIALLY OWNED BY EACH	REPORTING PERSON		
	304,472				
10	-	REGATE AMOUNT IN ROW (9)			
	EXCLUDES CERTAIN SHA				
11	PERCENT OF CLASS REPR	RESENTED BY AMOUNT IN ROW	(9)		
	Less than 1%				
12	TYPE OF REPORTING PER	SON			
	CO				
5					

NAME OF REPORTING PERSON

1	NAME OF REI	PORTING PERSO	ON	
2 3	BVF Partners L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
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	3,841,680 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	3,841,680 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	3,841,680 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	9.7% (1) TYPE OF REPORTING PERSON			
	PN, IA			

(1) Includes 921,052 shares of Common Stock currently issuable upon the exercise of certain Warrants (defined below). The Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own, as determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, more than 9.98% of the number of shares of Common Stock then issued and outstanding.

6

1	NAME OF REI	PORTING PERS	ON	
2	BVF Inc. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP SEC USE ONLY (a) x (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	3,841,680 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	3,841,680 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	3,841,680 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	9.7% (1) TYPE OF REPORTING PERSON			
	CO			

(1) Includes 921,052 shares of Common Stock currently issuable upon the exercise of certain Warrants (defined below). The Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own, as determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, more than 9.98% of the number of shares of Common Stock then issued and outstanding.

1	NAME OF RE	PORTING PERS	ON	
2	Mark N. Lampert CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o			
3	SEC USE ONL	. Y		
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
	United States			
NUMBER OF SHARES		5	SOLE VOTING POWER	
BENEFICIALLY	•		0 shares	
OWNED BY		6	SHARED VOTING POWER	
EACH REPORTING			3,841,680 (1)	
PERSON WITH		7	SOLE DISPOSITIVE POWER	
			0 shares	
		8	SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	3,841,680 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARI	GATE AMOUNT IN ROW (9)	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	9.7% (1) TYPE OF REPORTING PERSON			
	IN			

(1) Includes 921,052 shares of Common Stock currently issuable upon the exercise of certain Warrants (defined below). The Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own, as determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, more than 9.98% of the number of shares of Common Stock then issued and outstanding.

Item 1(a). Name of Issuer:

Cytokinetics, Incorporated, a Delaware corporation (the "Issuer").

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

280 East Grand Avenue

South San Francisco, California 94080

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

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:				
Com	mon Stock, par	value \$0.01 per shar	re (the "Common Stock")			
Item	2(e).		CUSIP Number:			
2328	32W 60 5					
Item	3. If This State	ment is Filed Pursuar	nt to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:			
		/x/	Not applicable.			
	(a)	// B	roker or dealer registered under Section 15 of the Exchange Act.			
	(b)	//	Bank as defined in Section 3(a)(6) of the Exchange Act.			
	(c)	// Insura	ance company as defined in Section 3(a)(19) of the Exchange Act.			
	(d) /	/ Investment c	company registered under Section 8 of the Investment Company Act.			
	(e)	// A	an investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).			
	(f) //	An employee benef	it plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).			
	(g) //	A parent holding c	ompany or control person in accordance with Rule 13d-1(b)(1)(ii)(G).			
	(h) //	A savings associ	ation as defined in Section 3(b) of the Federal Deposit Insurance Act.			
(i)/	/A church plan Investment Co		om 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).			
(k)/	/Group, in acc Rule 240.13d	cordance with Rule 2 -1(b)(1)(ii)(J), please	40.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with specify the type of institution:			
Item	4.		Ownership			
		(a)	Amount beneficially owned:			
T C	D	l 21 2015 4 D				

Effective on December 31, 2015, the Reporting Persons held warrants exercisable for an aggregate of 921,052 shares of Common Stock (the "Warrants"). The Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own, as determined in accordance with Section 13(d) of the Securities Exchange Act of 1934 (the "Exchange Act"), more than 9.98% of the number of shares of Common Stock then issued and outstanding. In providing beneficial ownership described herein, the Reporting Persons have assumed the Warrants owned by each of BVF, BVF2, and the Partners Management Accounts (defined below) would be exercised as the aggregate exercise of 921,052 would be below the aggregate 9.98% limitation.

As of the close of business on December 31, 2015 (i) BVF beneficially owned 1,682,579 shares of Common Stock, including 421,602 shares of Common Stock issuable upon the exercise of Warrants held by it (ii) BVF2 beneficially owned 967,054 shares of Common Stock, including 225,379 shares of Common Stock issuable upon the exercise of Warrants held by it and (iii) Trading Fund OS beneficially owned 304,472 shares of Common Stock.

Partners OS as the general partner of Trading Fund OS may be deemed to beneficially own the 304,472 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 3,841,680 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, Trading Fund OS, and certain Partners management accounts (the "Partners Management Accounts"), including 887,575 shares of Common Stock held in the Partners Management Accounts, including 274,071 shares of Common Stock issuable upon the exercise of Warrants held within the Partners Management Accounts.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 3,841,680 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 3,841,680 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 BVF, BVF2, Trading Fund OS, and the Partners Management 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.

(b) Percent of class:

The following percentages are based on 38,847,270 shares of Common Stock outstanding as of October 30, 2015, as disclosed in the Issuer's Quarterly Report filed on Form 10-Q with the Securities and Exchange Commission on November 5, 2015 and assumes the additional issuance of shares on the exercise of the Warrants.

As of the close of business on December 31, 2015 (i) BVF beneficially owned approximately 4.3% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned approximately 2.5% of the outstanding shares of Common Stock, (iii) Trading Fund OS beneficially 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 9.7% of the outstanding shares of Common Stock (approximately 2.3% of which is held in the Partners Management 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.
Item 5.		Ownership of Five Percent or Less of a Class.
Not Applica	ıble.	
Item 6.	Owner	ship of More than Five Percent on Behalf of Another Person.
		mpert share voting and dispositive power over the shares of Common Stock, Trading Fund OS, and the Partners Management Accounts.
	ification and Classificating Company or Contro	ation of the Subsidiary That Acquired the Security Being Reported on by the Paren ol Person.
Not Applica	ıble.	
Item 8.	Id	entification and Classification of Members of the Group.
See Exhibit	99.1	
Item 9.		Notice of Dissolution of Group.
Not Applica	ıble.	
Item 10.		Certifications.
to above we of the issue	ere not acquired and are	ersigned certifies that, to the best of its knowledge and belief, the securities referred not held for the purpose of or with the effect of changing or influencing the control were not acquired and are not held in connection with or as a participant in an 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.

Dated: February 16, 2016

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

BVF INC.

By: /s/ Mark N. Lampert President

Mark N. Lampert

President

MARK N. LAMPERT

/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