CYTOKINETICS 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. 1)1

Cytokinetics, Incorporated (Name of Issuer)

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

23282W 60 5 (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.

## CUSIP NO. 23282W 60 5

1	NAME OF RE	PORTING PERS	ON	
2			BOX IF A MEMBER OF A	(a) x (b) o
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF	Delaware	5	SOLE VOTING POWER	
SHARES BENEFICIALLY OWNED BY EACH		6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	1,550,980 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	E AMOUNT BEN	1,550,980 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	4.2% TYPE OF REP	ORTING PERSO	ON	
	PN			
(1) Includes 421 (	602 shares of Co	ommon Stock cur	rently issuable upon the evercise o	f a certain warrant See Ite

(1) Includes 421,602 shares of Common Stock currently issuable upon the exercise of a certain warrant. See Item 4(a) for a full description of the Reporting Person's beneficial ownership.

## CUSIP NO. 23282W 60 5

1	NAME OF RE	PORTING PERS	ON	
2			P. BOX IF A MEMBER OF A	(a) x (b) o
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
NUMBER OF	Delaware	5	SOLE VOTING POWER	
SHARES BENEFICIALLY OWNED BY EACH		6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	811,003 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	811,003 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREC ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12		ORTING PERSC	DN	
	PN			

(1) Includes 225,379 shares of Common Stock currently issuable upon the exercise of a certain warrant. See Item 4(a) for a full description of the Reporting Person's beneficial ownership.

## CUSIP NO. 23282W 60 5

1	NAME OF REPORTING PERSON			
2	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		6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	436,650 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	436,650 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	436,650 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	1.2% TYPE OF REPORTING PERSON			
	OO			
(1) I 1 1 101	500 -1 C C	C41		f C It-

(1) Includes 121,590 shares of Common Stock currently issuable upon the exercise of a certain warrant. See Item 4(a) for a full description of the Reporting Person's beneficial ownership.

## CUSIP NO. 23282W 60 5

1	NAME OF REPO	ORTING PERSO	ON	
2	MSI BVF SPV, LLC 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		565,519 (1) SOLE DISPOSITIVE POWER	
	8		0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE A		565,519 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	565,519 (1) CHECK BOX IF EXCLUDES CER		GATE AMOUNT IN ROW (9)	
11	PERCENT OF C	LASS REPRES	ENTED BY AMOUNT IN ROW	(9)
12	1.5% TYPE OF REPOR	RTING PERSO	N	

(1) Includes 152,481 shares of Common Stock currently issuable upon the exercise of a certain warrant. See Item 4(a) for a full description of the Reporting Person's beneficial ownership.

## CUSIP NO. 23282W 60 5

1	NAME OF RE	PORTING PERS	ON	
2	BVF Partners I CHECK THE A GROUP SEC USE ONL	APPROPRIATE I	BOX IF A MEMBER OF A	(a) x (b) o
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
	Delaware			
NUMBER OF SHARES		5	SOLE VOTING POWER	
BENEFICIALLY	•		0 shares	
OWNED BY EACH		6	SHARED VOTING POWER	
REPORTING			3,364,152 (1)	
PERSON WITH		7	SOLE DISPOSITIVE POWER	
			0 shares	
		8	SHARED DISPOSITIVE POWE	R
			3,364,152 (1)	
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON
	3,364,152 (1)			
10	CHECK BOX		GATE AMOUNT IN ROW (9)	
	EXCLUDES C	ERTAIN SHARI	ES	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
	9.0%			
12	TYPE OF REP	ORTING PERSO	ON	
	PN, IA			

(1) Includes 921,052 shares of Common Stock currently issuable upon the exercise of certain warrants. See Item 4(a) for a full description of the Reporting Person's beneficial ownership.

## CUSIP NO. 23282W 60 5

1	NAME OF RE	PORTING PERS	ON	
2	BVF Inc. CHECK THE A GROUP SEC USE ONL		BOX IF A MEMBER OF A	(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	3,364,152 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	3,364,152 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREO ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	9.0% TYPE OF REP CO	ORTING PERSC	ON	

(1) Includes 921,052 shares of Common Stock currently issuable upon the exercise of certain warrants. See Item 4(a) for a full description of the Reporting Person's beneficial ownership.

## CUSIP NO. 23282W 60 5

1	NAME OF RE	PORTING PERS	ON	
2	Mark N. Lampe CHECK THE A GROUP SEC USE ONL	APPROPRIATE I	BOX IF A MEMBER OF A	(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	3,364,152 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	3,364,152 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	9.0% TYPE OF REP	ORTING PERSO	ON	
	IN			

(1) Includes 921,052 shares of Common Stock currently issuable upon the exercise of certain warrants. See Item 4(a) for a full description of the Reporting Person's beneficial ownership.

CUSIP NO. 23282W 60 5

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

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

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

CUSIP NO	. 23282W	60 5	
Item 2(d).			Title of Class of Securities:
Common S	tock, \$0.0	001 par value (th	he "Common Stock")
Item 2(e).			CUSIP Number:
23282W 60	) 5		
Item 3. If T	his Staten	nent 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)	//	Investm	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 hold	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.
	_	that is excludenpany Act.	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).
	_		ule 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:
The Done	ertina Dana	one (the "Wes	rant Haldare'') hald warrants avaraisable for an aggregate of 021 052 shares of

The Reporting Persons, (the "Warrant Holders"), hold warrants exercisable for an aggregate of 921,052 shares of Common Stock. Such warrants are immediately exercisable for \$5.28 per share, subject to adjustment pursuant to the terms of the warrants, and expire on June 25, 2017. The warrants may not be exercised if, after such exercise, the Warrant Holders 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.

As of the close of business on December 31, 2014, (i) BVF beneficially owned 1,550,980 shares of Common Stock, including 421,602 shares of Common Stock issuable upon the exercise of a certain warrant held by it, (ii) BVF2 beneficially owned 811,003 shares of Common Stock, including 225,379 shares of Common Stock issuable upon the exercise of a certain warrant held by it, (iii) ILL10 beneficially owned 436,650 shares of Common Stock, including 121,590 shares of Common Stock issuable upon the exercise of a certain warrant held by it, and (iv) MSI beneficially owned 565,519 shares of Common Stock, including 152,481 shares of Common Stock issuable upon the exercise of a certain warrant held by it.

#### CUSIP NO. 23282W 60 5

Partners, as the general partner of BVF and BVF2 and the investment adviser of each of ILL10 and MSI, may be deemed to beneficially own 3,364,152 shares of Common Stock, including 921,052 shares of Common Stock currently issuable upon the exercise of certain warrants, beneficially owned in the aggregate by BVF, BVF2, ILL10 and MSI.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 3,364,152 shares of Common Stock, including 921,052 shares of Common Stock currently issuable upon the exercise of certain warrants, beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 3,364,152 shares of Common Stock, including 921,052 shares of Common Stock currently issuable upon the exercise of certain warrants, 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, 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 36,608,781 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 6, 2014.

As of the close of business on December 31, 2014, (i) BVF beneficially owned approximately 4.2% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned approximately 2.2% of the outstanding shares of Common Stock, (iv) ILL10 beneficially owned approximately 1.2% of the outstanding shares of Common Stock and, (v) MSI beneficially owned approximately 1.5% of the outstanding shares of Common Stock, and (vi) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 9.0% of the outstanding shares of Common Stock.

CUSIP NO. 23282W 60 5 (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. Own	nership of More than Five Percent on Behalf of Another Person.
Partners, BVF Inc. and Mr. Lambeneficially owned by BVF, BV	ppert share voting and dispositive power over the shares of Common Stock (F2, ILL10 and MSI.
<ul><li>Item Identification and Classif</li><li>7. Holding Company or Con</li></ul>	ication of the Subsidiary That Acquired the Security Being Reported on by the Parent ntrol 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 un	dersigned 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. 23282W 60 5

#### **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 13, 2015

By:

BIOTECHNOLOGY VALUE FUND, L.P.

BVF Partners L.P., its investment

INVESTMENT 10, L.L.C.

MSI BVF SPV, LLC

BVF Partners L.P., its general adviser partner

BVF Inc., its general partner BVF Inc., its general partner By: By:

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

Mark N. Lampert Mark N. Lampert

By:

President President

BIOTECHNOLOGY VALUE FUND II, L.P.

BVF Partners L.P., its general BVF Partners L.P., its investment By: By:

> partner adviser

BVF Inc., its general partner BVF Inc., its general partner By: By:

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

Mark N. Lampert Mark N. Lampert President

BVF INC.

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

/s/ Mark N. Lampert MARK N. LAMPERT

BVF INVESTMENTS, L.L.C.

By: BVF Partners L.P., its manager BVF Inc., its general partner By:

President

By: /s/ Mark N. Lampert

Mark N. Lampert

President