CYTOKINETICS INC Form SC 13G May 09, 2014

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

Cytokinetics, Incorporated (Name of Issuer)

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

23282W 10 0 (CUSIP Number)

April 28, 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).

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.

CUSIP NO. 23282W 10 0

1	NAME OF REPORTING PERSON			
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	1,068,746 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	1,068,746 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	1,068,746 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	2.9% TYPE OF REPORTING PERSON			
	PN			
(1) Includes 490 (070 shows of Co	mmon Stools our	rantly issuable upon the evereise o	fa cartain warment Sac Ita

(1) Includes 480,078 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 10 0

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	Delaware	5	SOLE VOTING POWER	
SHARES BENEFICIALLY OWNED BY EACH		6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	600,106 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	600,106 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREC ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	1.6% TYPE OF REP	ORTING PERSC	DN	
	111			

(1) Includes 264,041 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 10 0

1	NAME OF REI	PORTING PERSO	ON	
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	344,664 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BENI	344,664 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	344,664 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	Less than 1% TYPE OF REPORTING PERSON			
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(1) Includes 176,933 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 10 0

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NAME OF REPORTING PERSON

1	THIND OF REFO	MIII (O I ENS	311	
2	Magnitude Special Investments Portfolio Fund, Ltd. 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			
	Cayman Islands			
NUMBER OF SHARES	5		SOLE VOTING POWER	
BENEFICIALLY			0 shares	
OWNED BY EACH	6		SHARED VOTING POWER	
REPORTING			224,536	
PERSON WITH	7		SOLE DISPOSITIVE POWER	
			0 shares	
	8		SHARED DISPOSITIVE POWE	R
	A GGDEG AFE A		224,536	DEDODERNG DEDGON
9	AGGREGATE A.	MOUNT BENI	EFICIALLY OWNED BY EACH	REPORTING PERSON
	224,536			
10	<i>'</i>	THE AGGREC	GATE AMOUNT IN ROW (9)	
10	EXCLUDES CER		· · · · · · · · · · · · · · · · · · ·	
	ETCECDES CEL			
11	PERCENT OF CI	LASS REPRES	ENTED BY AMOUNT IN ROW	(9)
	Less than 1%			
12	TYPE OF REPOR	RTING PERSO	N	
	СО			
5				

CUSIP NO. 23282W 10 0

1	NAME OF RE	PORTING PERS	ON	
2	BVF Partners L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o			
3	SEC USE ONL	LY.		
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF	Delaware	5	SOLE VOTING POWER	
SHARES	,		0.1	
BENEFICIALLY OWNED BY		6	0 shares SHARED VOTING POWER	
EACH				
REPORTING		7	2,238,052 (1)	
PERSON WITH		7	SOLE DISPOSITIVE POWER	
			0 shares	
		8	SHARED DISPOSITIVE POWE	R
			2,238,052 (1)	
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON
	2,238,052 (1)			
10		IF THE AGGRE	GATE AMOUNT IN ROW (9)	
	EXCLUDES C	ERTAIN SHARI	ES	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
				· /
12	6.0% TYPE OF REPORTING PERSON			
12	TIL OF KEI	OKTINO I LKSC	/11	
	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 10 0

1	NAME OF RE	PORTING PERSO	ON	
2	BVF Inc. 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	2,238,052 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	2,238,052 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	2,238,052 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	6.0% TYPE OF REPORTING PERSON			
	CO			
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(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 10 0

1	NAME OF REPORTING PERSON			
2 3	Mark N. Lampert CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
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	2,238,052 (1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	2,238,052 (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	6.0% TYPE OF REPORTING PERSON 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 100

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") 900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611 Citizenship: Delaware

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

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

Magnitude Special Investments Portfolio Fund, Ltd. ("MSI")

c/o HedgeServ Limited

75 St. Stephen's Green

Dublin 2

Ireland

Citizenship: Cayman Islands

BVF Partners L.P. ("Partners")

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611

Citizenship: Delaware

BVF Inc.

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611

Citizenship: Delaware

Mark N. Lampert ("Mr. Lampert")

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611

Citizenship: United States

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

CUSIP 1	NO. 23282W	7 10 0	
Item 2(d	l).		Title of Class of Securities:
Commo	n Stock, \$0.0	001 par value (the "C	Common Stock")
Item 2(e	e).		CUSIP Number:
23282W	7 10 0		
Item 3. I	If This Staten	nent 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	ompany 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	g) //	A parent holding c	ompany or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
(h	n) //	A savings associa	ation as defined in Section 3(b) of the Federal Deposit Insurance Act.
	church plan t vestment Cor		n 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).
			0.13d-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:

The Reporting Persons, with the exception of MSI (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.

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As of the close of business on May 8, 2014, (i) BVF beneficially owned 1,068,746 shares of Common Stock, including 480,078 shares of Common Stock issuable upon the exercise of a certain warrant held by it, (ii) BVF2 beneficially owned 600,106 shares of Common Stock, including 264,041 shares of Common Stock issuable upon the exercise of a certain warrant held by it, (iii) ILL10 beneficially owned 344,664 shares of Common Stock, including 176,933 shares of Common Stock issuable upon the exercise of a certain warrant held by it, and (iv) MSI beneficially owned 224,536 shares of Common Stock.

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 2,238,052 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 2,238,052 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 2,238,052 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 May 2, 2014, as disclosed in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on May 7, 2014.

As of the close of business on May 8, 2014, (i) BVF beneficially owned approximately 2.9% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned approximately 1.6% of the outstanding shares of Common Stock, (iv) ILL10 beneficially owned less than 1% of the outstanding shares of Common Stock and, (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 6.0% 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.

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(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.	Ownership of More than Five Percent on Behalf of Another Person.
Partners, BVF Inc. and Mr. beneficially owned by BVF	Lampert share voting and dispositive power over the shares of Common Stock, BVF2, ILL10 and MSI.
Item Identification and Cla 7. Holding Company or	assification of the Subsidiary That Acquired the Security Being Reported on by the Parent 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.
to above were not acquired	ne undersigned certifies that, to the best of its knowledge and belief, the securities referred and are not held for the purpose of or with the effect of changing or influencing the control s and were not acquired and are not held in connection with or as a participant in any lose or effect.

CUSIP NO. 23282W 100

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: May 8, 2014

BIOTECHNOLOGY VALUE FUND, L.P.

INVESTMENT 10, L.L.C.

By: BVF Partners L.P., its general

partner

By: BVF Partners L.P., its investment

adviser

By: BVF Inc., its general partner

By:

BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BIOTECHNOLOGY VALUE FUND II, L.P.

MAGNITUDE SPECIAL INVESTMENTS

PORTFOLIO FUND, LTD.

By: BVF Partners L.P., its general

partner

By: BVF Partners L.P., its investment

adviser

By: BVF Inc., its general partner

By:

BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF INC.

BVF PARTNERS L.P.

By:

/s/ Mark N. Lampert

Mark N. Lampert

President

By: /s/ Mark N. Lampert

Mark N. Lampert

BVF Inc., its general partner

President

/s/ Mark N. Lampert MARK N. LAMPERT

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By: