CYTOKINETICS INC Form SC 13G/A February 14, 2014

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 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) *

Cytokinetics, Incorporated

(Name of Issuer)

Common Stock

(Title of Class of Securities)

23282W605

(CUSIP Number)

December 31, 2013

(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)

(Page 1 of 16 Pages)

^{*} 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.

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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 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).

CUSIP No. 23282W605

13G

Page 2 of 16 Pages

NAME OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Deerfield Mgmt, L.P.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) o (b) x

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5. SOLE VOTING POWER

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING

0

6. SHARED VOTING POWER

2,416,769 (1)

0

7. SOLE DISPOSITIVE POWER

PERSON WITH

8. SHARED DISPOSITIVE POWER

2,416,769 (1)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,416,769 (1)

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

7.57%

12. TYPE OF REPORTING PERSON*

PN

(1) Comprised of warrants to purchase an aggregate of 2,416,769 shares of common stock held by Deerfield Partners, L.P., Deerfield International Master Fund, L.P., Deerfield Special Situations Fund, L.P., Deerfield Special Situations International Master Fund, L.P., Deerfield Private Design Fund II, L.P. and Deerfield Private Design International II, L.P., of which Deerfield Mgmt, L.P. is the general partner.

CUSIP No. 23282W605

13G

Page 3 of 16 Pages

NAME OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Deerfield Management Company, L.P.

2. CHECK THE APPROPRIATE BOX IF A

(a) o

MEMBER OF A GROUP*

(b) x

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

6.

5. SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY 0

2,416,769 (2)

0

EACH REPORTING PERSON WITH

7. SOLE DISPOSITIVE POWER

8. SHARED DISPOSITIVE POWER

SHARED VOTING POWER

2,416,769 (2)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,416,769 (2)

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

7.57%

12. TYPE OF REPORTING PERSON*

PN

(2) Comprised of warrants to purchase an aggregate of 2,416,769 shares of common stock held by Deerfield Partners, L.P., Deerfield International Master Fund, L.P., Deerfield Special Situations Fund, L.P., Deerfield Special Situations International Master Fund, L.P., Deerfield Private Design Fund II, L.P. and Deerfield Private Design International II, L.P., of which Deerfield Management Company, L.P. is the investment advisor.

CUSIP No. 23282W605		13G	Page 4 of 16 Pages		
1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)				
2.	Deerfield Partners, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) 0 (b) x				
3.	SEC USE ONLY				
4.	CITIZENSHIP OR PLACE OF ORGANIZATION				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	Delaware				
	5.	SOLE VOTING POWER			
	6.	0 SHARED VOTING POWER			
	7.	326,766 (3) SOLE DISPOSITIVE POWER			
	8.	0 SHARED DISPOSITIVE POWER			
9.	326,766 (3) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTIN PERSON				
	326,766 (3)				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9				
12.	1.10% TYPE OF REPORTING PERSON*				
	PN				
(3) Comprised of warrants to purchase 326,766 shares of common stock.					

CUSIP No. 23282W605		13G	Page 5 of 16 Pages		
1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)				
	Deerfield International Master Fund, L.P.				
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*		(a) o (b) x		
3.	SEC USE ONLY				
4.	CITIZENSHIP OR PLACE OF ORGANIZATION				
	British Virgin Islands				
	5.	SOLE VOTING POWER			
NUMBER OF SHARES BENEFICIALLY		0			
	6.	SHARED VOTING POWER			
OWNED BY		433,134 (4)			
EACH REPORTING PERSON WITH	7.	SOLE DISPOSITIVE POWER			
		0			
	8.	SHARED DISPOSITIVE POWER			
		433,134 (4)			
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORT PERSON				
10.	433,134 (4)				
	CHECK BOX IF THE AGGREGATE AMOUNT "				
	IN ROW (9) EXCLUDES CERTAIN SHARES*				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9				
12.	1.45%				