

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

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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 INC

-----  
(Name of Issuer)

COMMON STOCK

-----  
(Title of Class of Securities)

23282W100

-----  
(CUSIP Number)

April 30, 2007

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(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the Rule pursuant to which  
this Schedule is filed:

- Rule 13d - 1(b)  
 Rule 13d - 1(c)  
 Rule 13d - 1(d)

\* 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 disclosures provided in a  
prior cover page.

The information required on the remainder of this 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.)

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CUSIP No  
23282W100  
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13G

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Page 2 of 5  
Pages  
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(ENTITIES ONLY):

Columbia Wanger Asset Management, L.P.  
04-3519872

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON WITH

6 SHARED VOTING POWER

7 SOLE DISPOSITIVE  
POWER

8 SHARED DISPOSITIVE  
POWER

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH  
REPORTING PERSON

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

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

Less than 5% (closing filing)

12 TYPE OF REPORTING PERSON\*

IA

\*SEE INSTRUCTIONS BEFORE FILLING OUT!

Item 1(a). Name of Issuer:

CYTOKINETICS INC

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

280 East Grand Avenue  
Suite 2  
San Francisco, CA 94080

Item 2(a). Name of Person Filing:

Columbia Wanger Asset Management, L.P.

Item 2(b). Address of Principal Business Office or, if None,  
Residence:

227 West Monroe Street, Suite 3000, Chicago, IL 60606.

Item 2(c). Citizenship:

Delaware

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

23282W100

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:

- (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)  Insurance company as defined in Section 3(a)(19)  
of the Exchange Act.
- (d)  Investment 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 benefit plan or endowment fund in  
accordance with Rule 13d-1(b)(1)(ii)(F).
- (g)  A parent holding 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.
- (j)  Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Rule 13d-1(c), check  
this box.

Item 4. Ownership:

With respect to the beneficial ownership of the reporting  
person, see Items 5 through 11 of the cover pages to this  
Schedule 13G, which are incorporated herein by reference.

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 .

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

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

Not applicable.

Item 8. Identification and Classification of Members of the Group:

Not applicable.

Item 9. Notice of Dissolution of Group:

Not applicable.

Item 10. Certification:

By signing below each of the undersigned certifies that, to the best of such undersigned's knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not 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 my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: May 4, 2007

Columbia Wanger Asset Management, L.P.

By: /s/ Bruce H. Lauer

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Bruce H. Lauer,  
Senior Vice President and Secretary,  
WAM Acquisition GP, Inc., General  
Partner