
OMB APPROVAL

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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549**

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 3)*

Cytokinetics, Incorporated
(Name of Issuer)

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

23282W100
(CUSIP Number)

December 31, 2008
(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 the disclosures provided in a prior cover page.

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).

SEC 1745(3-06)

1. Names of Reporting Persons.
I.R.S. Identification Nos. of above persons (entities only).

Credit Suisse

2. Check the Appropriate Box if a Member of a Group (See Instructions) (a)
(b)

3. SEC Use Only

4. Citizenship or Place of Organization

Switzerland

| | | |
|---|--|--|
| | 5. Sole Voting Power | |
| Number of Shares Beneficially Owned By Each Reporting Person With | 0 | |
| | 6. Shared Voting Power | |
| | 1,392,907 - *1,765,368 shares are held in a Voting Trust | |
| | 7. Sole Dispositive Power | |
| | 0 | |
| | 8. Shared Dispositive Power | |
| | 3,158,275 | |

9. Aggregate Amount Beneficially Owned by Each Reporting Person

3,158,275

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

6.4%

12. Type of Reporting Person (See Instructions)

BK

Item 1.

- (a) Name of Issuer

Cytokinetics, Incorporated

- (b) Address of Issuer's Principal Executive Offices

280 East Grand Avenue, South Francisco, California 94080

Item 2.

- (a) Name of Person Filing

Credit Suisse, See Schedule I

- (b) Address of Principal Business Office, or if none, Residence

Uetlibergstrasse 231, P.O. Box 900, CH-8070, Zurich, Switzerland

- (c) Citizenship

Switzerland

- (d) Title of Class of Securities

Common Stock, par value \$0.0001 per share

- (e) CUSIP Number

23282W100

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under Section 15 of the Act.
- (b) Bank as defined in Section 3 (a) (6) of the Act.
- (c) Insurance Company as defined under Section 3 (a) (19) of the Act.
- (d) Investment Company registered under Section 8 of the Investment Company Act.
- (e) An investment Adviser registered under Section 203 of the Investment Advisers Act of 1940.
- (f) Employee Benefit Plan, Pension Fund which is subject to the provision of the An employee Retirement Income Security Act of 1974 or Endowment Fund; see Section 240.13d-1(b) (ii) (F);
- (g) A parent Holding Company, in accordance with Section 240.13d-1 (b) (ii) (G);
- (h) Group, in accordance with Section 240.13d-1 (b) (1) (ii) (H);

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: 3,158,275
- (b) Percent of class: 6.4%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote 0
 - (ii) Shared power to vote or to direct the vote 1,392,907 - *1,765,368 shares are held in a Voting Trust
 - (iii) Sole power to dispose or to direct the disposition of 0
 - (iv) Shared power to dispose or to direct the disposition of 3,158,275

*On May 2, 2004, Credit Suisse First Boston Equity Partners, L.P., Credit Suisse First Boston Equity Partners (Bermuda), L.P., Credit Suisse First Boston U.S. Executive Advisors, L.P., EMA Partners Fund 2000, L.P. and EMA Private Equity Fund 2000, L.P. (collectively, the "Credit Suisse Entities"), entered into a Voting Trust Agreement with Wells Fargo Bank, N.A. (the "Trustee") (the "Voting Trust Agreement"), pursuant to which among other things, the Credit Suisse Entities deposited 1,765,368 shares of Common Stock (representing 3.6% of the outstanding shares of Common Stock as of December 31, 2007) (the "Trustee Shares") into a trust created by the Voting Trust Agreement and gave the Trustee exclusive right to vote the Trustee Shares. While the Trustee has the exclusive right to vote the Trustee Shares, the Credit Suisse Entities maintained and continued to have dispositive power over the Trustee Shares.

Item 5. Ownership of Five Percent or Less of a Class.

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.

See Schedule I.

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

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certifications.

Not applicable.

SIGNATURE

After reasonable inquiry and to the best of my information and belief, I certify that the information set forth in this statement is true, complete, and correct.

February 17, 2009

(Date)

/s/ Ivy Dodes

(Signature)

Ivy Dodes, Managing Director

(Name/Title)

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative other than an executive officer or general partner of the filing person, evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties for whom copies are to be sent.

**Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations
(See 18 U.S.C. 1001)**

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Schedule I

In accordance with Securities and Exchange Commission Release No. 34-39538 (January 12, 1998), this Statement is being filed by Credit Suisse (the "Bank"), a Swiss bank, on behalf of its subsidiaries to the extent that they constitute the Investment Banking division (the "Investment Banking division"), the Alternative Investments business (the "AI Business") within the Asset Management division (the "Asset Management division") and the U.S. private client services business (the "U.S. PCS Business") within the Private Banking division (the "Private Banking division") (the "Reporting Person"). The address of the principal business and office of the Bank is Uetlibergstrasse 231, P.O. Box 900, CH 8070 Zurich, Switzerland. The address of the principal business and office of the Reporting Person in the United States is Eleven Madison Avenue, New York, New York 10010.

The ultimate parent company of the Bank is Credit Suisse Group ("CSG"), a corporation formed under the laws of Switzerland. CSG is a global financial services company, active in all major financial centers and providing a comprehensive range of banking products. The Bank is comprised of the Investment Banking division, the Asset Management division and the Private Banking division. The Investment Banking division provides financial advisory and capital raising services and sales and trading to institutional, corporate and government clients worldwide. The Asset Management division provides asset management and investment advisory services to institutional, mutual fund and private investors worldwide and offers products across a broad range of investment classes, including alternative investments. The Private Banking division offers global private banking and corporate and retail banking services in Switzerland. The business address of CSG is Paradeplatz 8, P.O. Box 1, CH 8070 Zurich, Switzerland.

CSG, for purposes of the federal securities laws, may be deemed ultimately to control the Bank and the Reporting Person. CSG, its executive officers and directors, and its direct and indirect subsidiaries (including those subsidiaries that constitute the Asset Management division (other than the AI Business) (the "Traditional AM Business") and the Private Banking division (other than the U.S. PCS Business (the "Non-U.S. PB Business"))) may beneficially own Shares to which this Statement relates (the "Shares") and such Shares are not reported in this Statement. CSG disclaims beneficial ownership of Shares beneficially owned by its direct and indirect subsidiaries, including the Reporting Person. Each of the Traditional AM Business and the Non-U.S. PB Business disclaims beneficial ownership of Shares beneficially owned by the Reporting Person. The Reporting Person disclaims beneficial ownership of Shares beneficially owned by CSG, the Traditional AM Business and the Non-U.S. PB Business.

