

SMITH SANDFORD D  
Form 4  
May 24, 2012

**FORM 4**

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
SMITH SANDFORD D

2. Issuer Name and Ticker or Trading Symbol  
CYTOKINETICS INC [CYTK]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
280 EAST GRAND AVENUE  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
05/22/2012

Director  10% Owner  
 Officer (give title below)  Other (specify below)

4. If Amendment, Date Original Filed (Month/Day/Year)

6. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

SOUTH SAN FRANCISCO, CA 94080

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |     |       |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
|                                 |                                      |  |                                | (A) or (D)  | Code  | V  | Amount                            | (D) | Price |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Underlying Security (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|

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| (Instr. 3)                                | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D)<br>(Instr. 3, 4, and 5) | Code | V | (A) | (D) | Date Exercisable          | Expiration Date | Title        |
|---|------------------------------|------------------|------------|---|------|---|-----|-----|---------------------------|-----------------|--------------|
| Non-Qualified Stock Option (right to buy) | \$ 0.91                      | 05/22/2012       | A          | 25,000  |      |   |     |     | 06/22/2012 <sup>(1)</sup> | 05/22/2022      | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 1.05                      |                  |            |   |      |   |     |     | 04/05/2012 <sup>(2)</sup> | 03/05/2022      | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 1.14                      |                  |            |   |      |   |     |     | 05/02/2012 <sup>(3)</sup> | 04/02/2022      | Common Stock |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| SMITH SANDFORD D<br>280 EAST GRAND AVENUE<br>SOUTH SAN FRANCISCO, CA 94080 | X             |           |         |       |

## Signatures

By: Sharon A. Barbari For: Sandford D. Smith 05/23/2012

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) This option shall vest and become exercisable as to 25,000 shares divided into equal monthly installments such that the option shall be 100% vested on May 22, 2013.
- (2) This option shall vest and become exercisable as to 40,000 shares divided into equal monthly installments such that the option shall be 100% vested on March 5, 2015.
- (3) This option shall vest and become exercisable as to 16,447 shares divided into equal monthly installments such that the option shall be 100% vested on January 2, 2013.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.