SPUDICH JAMES A

Form 4/A January 06, 2009

FORM 4

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

Check this box if no longer

subject to Section 16. Form 4 or

Form 4 or Form 5 obligations may continue. See Instruction 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(b).

1. Name and Address of Reporting Person *

SPUDICH JAMES A

(Last) (First) (Middle)

280 EAST GRAND AVENUE

(Street)

(State)

(Zip)

SOUTH SAN FRANCISCO, CA 94080

(City)

2. Issuer Name and Ticker or Trading

Symbol CYTOKINETICS INC [CYTK]

3. Date of Earliest Transaction

(Month/Day/Year) 01/02/2009

4. If Amendment, Date Original

Filed(Month/Day/Year) 01/05/2009

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

onse... 0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_X__ Director _____ 10% Owner

 $\frac{}{\text{below})} \text{Officer (give title } \frac{}{\text{below})} \text{Other (specify below)}$

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person ____ Form filed by More than One Reporting

(I)

(Instr. 4)

6. Ownership

Form: Direct

(D) or Indirect Beneficial

7. Nature of

Ownership

(Instr. 4)

Indirect

Person

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

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of TransactionAcquired (A) or Security (Month/Day/Year) Execution Date, if Securities (Instr. 3) Code Disposed of (D) Beneficially (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Following

(A) Reported
Transaction(s)
or (Instr. 3 and 4)

Code V Amount (D) Price (Instr. 3 and

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)

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

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| (Instr. 3) | Price of Derivative Security | | (Month/Day/Year) | (Instr. | 8) | Acquired (or Dispose (D) (Instr. 3, 4 and 5) | d of | | | |
|---|------------------------------------|------------|------------------|---------|----|--|------|------------------|--------------------|-----------------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title |
| Non-Qualified Stock Option (right to buy) | \$ 2.85 | 01/02/2009 | | A | | 17,543 | | 02/02/2009(1) | 01/02/2019 | Common Stock |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|---|---------------|-----------|---------|-------|--|--|
| 1 | Director | 10% Owner | Officer | Other | | |
| SPUDICH JAMES A 280 EAST GRAND AVENUE SOUTH SAN FRANCISCO, CA 94080 | X | | | | | |

Signatures

By: Sharon Barbari For: James A. Spudich, Ph.D. 01/06/2009

**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 17,543 shares divided into equal monthly installments such that the option shall be 100% vested on January 2, 2010.
- (2) This option was issued to the reporting person pursuant to the Cytokinetics 2004 Equity Incentive Plan in lieu of annual retainer of \$20,000.

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.

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