Cragg David Form 4 February 15, 2005

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005 Estimated average

0.5

burden hours per response...

Check this box if no longer subject to Section 16. Form 4 or

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

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Middle)

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person *

(First)

Cragg David

(Last)

Security

(Instr. 3)

2. Issuer Name and Ticker or Trading Symbol

CYTOKINETICS INC [CYTK]

3. Date of Earliest Transaction

(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

280 EAST GRAND AVENUE

02/14/2005

Director 10% Owner X_ Officer (give title Other (specify

below) below) V.P., Human Resources

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

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

Person

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

SOUTH SAN FRANCISCO, CA 94080

(City) (State) (Zip) 1. Title of 2. Transaction Date 2A. Deemed

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D) (Month/Day/Year) (Instr. 8)

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

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

Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion

3. Transaction Date 3A. Deemed

5. Number of (Month/Day/Year) Execution Date, if TransactiorDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Ar Underlying Se

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and 4
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title
Incentive Stock Option (right to buy)	\$ 9.52	02/14/2005		A	34,846	02/01/2006(1)	02/14/2015	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 9.52	02/14/2005		A	45,154	02/01/2006(1)	02/14/2015	Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Cragg David 280 EAST GRAND AVENUE SOUTH SAN FRANCISCO, CA 94080

V.P., Human Resources

Signatures

By: Robert Blum For: David Cragg 02/15/2005

**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).
- When the ISO and NQ dated 02/14/05 are combined for a total grant of 80,000 shares, the option shall vest and become exercisable as to 20,000 shares on 02/01/06 and the balance of 60,000 divided into equal monthly installments thereafter such that the option shall be 100% vested on 02/01/09.

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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