HEIDRICH A GRANT III

Form 4 May 24, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

2. Issuer Name and Ticker or Trading

CYTOKINETICS INC [CYTK]

3. Date of Earliest Transaction

4. If Amendment, Date Original

Check this box if no longer

subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction

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

1(b).

(Last)

(City)

Security

(Instr. 3)

250

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

(Print or Type Responses)

1. Name and Address of Reporting Person * HEIDRICH A GRANT III

(First)

(Middle)

2800 SAND HILL ROAD, SUITE

(Street)

(State)

(Month/Day/Year) 05/24/2007

Symbol

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

X_ Director

10% Owner Officer (give title 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

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

Securities

Owned

MENLO PARK, CA 94025

1.Title of

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Zip)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

Following Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

5. Amount of 6. Ownership 7. Nature of Form: Direct Indirect Beneficially (D) or Indirect Beneficial (I) Ownership

(Instr. 4) (Instr. 4)

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 Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

5. Number Transaction of Derivative Expiration Date Code Securities

6. Date Exercisable and (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security	(Month/Day	y/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 6.55	05/24/2007		A		7,500		05/24/2007(1)	05/24/2017	Common Stock	7,500

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
HEIDRICH A GRANT III 2800 SAND HILL ROAD SUITE 250 MENLO PARK, CA 94025	X						

Signatures

James T. Beck, Attorney-In-Fact for the Reporting
Person

**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) The options are fully vested upon the date of grant.

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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