#### CYTOKINETICS INC

Check this box

if no longer

Section 16.

Form 4 or

subject to

Form 4

September 19, 2006

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**OMB** Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

**OMB APPROVAL** 

response...

**SECURITIES** 

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).

(Print or Type Responses)

1. Name and Address of Reporting Person \* Blum Robert I

2. Issuer Name and Ticker or Trading Symbol

Issuer

(Middle)

CYTOKINETICS INC [CYTK]

(Check all applicable)

5. Relationship of Reporting Person(s) to

(Last)

(City)

(First)

(Street)

(State)

280 EAST GRAND AVENUE

(Zip)

3. Date of Earliest Transaction

Director

10% Owner

(Month/Day/Year) 09/15/2006

X\_ Officer (give title Other (specify below)

below)

President

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

**SOUTH SAN** FRANCISCO, CA 94080

(City)	(State) (2	Table	I - Non-De	erivative S	Securi	ties Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any	3. Transactio Code	4. Securinn(A) or Di		•	5. Amount of Securities Beneficially	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)		Owned Following Reported	Indirect (I) (Instr. 4)	Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	09/15/2006		M <u>(1)</u>	5,000	A	\$ 0.58	70,000	D	
Common Stock	09/15/2006		S(2)	2,855	D	\$ 6.75	67,145	D	
Common Stock	09/15/2006		S(2)	100	D	\$ 6.76	67,045	D	
Common Stock	09/15/2006		S(2)	543	D	\$ 6.73	66,502	D	
Common Stock	09/15/2006		S(2)	402	D	\$ 6.79	66,100	D	

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Common Stock	09/15/2006	S(2)	1,100	D	\$ 6.8	65,000	D	
Common Stock						12,500	I	by Trust 1
Common Stock						12,500	I	by Trust 2

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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ar Underlying Se (Instr. 3 and 4)
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Incentive Stock Option (right to buy)	\$ 0.58	09/15/2006		M		5,000	01/14/2000(5)	11/14/2010	Common Stock
Incentive Stock Option (right to buy)	\$ 1.2						07/10/2002(6)	07/10/2012	Common Stock
Incentive Stock Option (right to buy)	\$ 1.2						05/21/2003(7)	05/21/2013	Common Stock
Incentive Stock Option (right to buy)	\$ 2						12/18/2003(8)	12/18/2013	Common Stock
Incentive Stock Option (right to buy)	\$ 6.59						04/11/2005(9)	04/11/2015	Common Stock
Incentive Stock Option (right to buy)	\$ 7.15						03/01/2006(10)	03/01/2016	Common Stock
	\$ 1.2						07/10/2002(6)	07/10/2012	

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Non-Qualified Stock Option (right to buy)				Common Stock
Non-Qualified Stock Option (right to buy)	\$ 2	12/18/2003(8)	12/18/2013	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 7.15	03/01/2006(10)	03/01/2016	Common Stock

# **Reporting Owners**

Reporting Owner Name / Address

Director 10% Owner Officer Other

Blum Robert I 280 EAST GRAND AVENUE SOUTH SAN FRANCISCO, CA 94080

President

## **Signatures**

Robert I. Blum 09/19/2006

\*\*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 exercise reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on November 17, 2005.
- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on November 17, 2005.
- (3) Shares held by The Bridget Blum 2003 Irrevocable Trust.
- (4) Shares held by The Brittany Blum 2003 Irrevocable Trust.
- This option is immediately exercisable upon grant and shall vest as to 25,000 shares on 11/14/00 and the balance of 87,500 divided into equal monthly installments thereafter such that the option shall be 100% vested on 11/14/05.
- When the ISO and NQ dated 07/10/02 are combined for a total grant of 150,000 shares, the option is immediately exercisable upon grant and shall vest as to 2,500 shares on 04/15/02 and the balance of 147,500 divided into equal monthly installments thereafter such that the option shall be 100% vested on 03/15/07.
- (7) This option is immediately exercisable upon grant and shall vest as to 781 shares on 04/01/03 and the balance of 36,719 divided into equal monthly installments thereafter such that the option shall be 100% vested on 03/01/07.
- When the ISO and NQ dated 12/18/03 are combined for a total grant of 141,925 shares, the option is immediately exercisable upon grant and shall vest as to 2,365 shares on 01/18/04 and the balance of 139,560 divided into equal monthly installments thereafter such that the option shall be 100% vested on 12/18/08.
- (9) This option shall vest and become exercisable as to 45,000 shares divided into equal monthly installments such that the option shall be 100% vested on 03/01/2009.
- (10) When the ISO and NQ dated 03/01/2006 are combined for a total grant of 100,000 shares, the option shall vest and become exercisable as to 100,000 shares divided into equal monthly installments such that the option shall be 100% vested on 03/01/2010.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 3

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