CYTOKINETICS INC

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subject to

Form 4 or

Form 5

Form 4 July 19, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

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response...

SECURITIES Section 16. 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

1(b).

(Print or Type Responses)

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Last)

(City)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year)

07/17/2006

CYTOKINETICS INC [CYTK]

Director 10% Owner

(Check all applicable)

X_ Officer (give title

Other (specify

below)

below) President

(Street)

(State)

(First)

280 EAST GRAND AVENUE

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

Applicable Line)

X Form filed by One Reporting Person

Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

SOUTH SAN FRANCISCO, CA 94080

(City)	(State) (A	e 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. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		Securities Beneficially Owned Following	curities Form: Direct eneficially (D) or whed Indirect (I) (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	07/17/2006		M	4,998	A	\$ 0.58	69,998	D	
Common Stock	07/17/2006		S <u>(1)</u>	346	D	\$ 5.46	69,652	D	
Common Stock	07/17/2006		S <u>(1)</u>	1,000	D	\$ 5.47	68,652	D	
Common Stock	07/17/2006		S <u>(1)</u>	200	D	\$ 5.48	68,452	D	
Common Stock	07/17/2006		S <u>(1)</u>	700	D	\$ 5.49	67,752	D	

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Common Stock	07/17/2006	S <u>(1)</u>	752	D	\$ 5.5	67,000	D	
Common Stock	07/17/2006	S(1)	1,327	D	\$ 5.51	65,673	D	
Common Stock	07/17/2006	S <u>(1)</u>	100	D	\$ 5.52	65,573	D	
Common Stock	07/17/2006	S(1)	500	D	\$ 5.55	65,073	D	
Common Stock	07/17/2006	S <u>(1)</u>	27	D	\$ 5.58	65,046	D	
Common Stock	07/17/2006	S <u>(1)</u>	46	D	\$ 5.59	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. Transaction Code (Instr. 8)	5. Number conf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying Se (Instr. 3 and 4	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	A N Sl
Incentive Stock Option (right to buy)	\$ 0.58	07/17/2006		M	4,998	01/14/2000(4)	11/14/2010	Common Stock	
Incentive Stock Option (right to buy)	\$ 1.2					07/10/2002(5)	07/10/2012	Common Stock	;
Incentive Stock Option (right to buy)	\$ 1.2					05/21/2003(6)	05/21/2013	Common Stock	

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Incentive Stock Option (right to buy)	\$ 2	12/18/2003(7)	12/18/2013	Common Stock	2
Incentive Stock Option (right to buy)	\$ 6.59	04/11/2005(8)	04/11/2015	Common Stock	
Incentive Stock Option (right to buy)	\$ 7.15	03/01/2006(9)	03/01/2016	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 1.2	07/10/2002(5)	07/10/2012	Common Stock	3
Non-Qualified Stock Option (right to buy)	\$ 2	12/18/2003(7)	12/18/2013	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 7.15	03/01/2006(9)	03/01/2016	Common Stock	7

Deletionship

Reporting Owners

Reporting Owner Name / Address	Keiationsinps					
	Director	10% Owner	Officer	Other		

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

President

Signatures

Robert I. Blum 07/19/2006

**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 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.
- (2) Shares held by The Bridget Blum 2003 Irrevocable Trust.
- (3) Shares held by The Brittany Blum 2003 Irrevocable Trust.
- (4) 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 (5) 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.

(6)

Reporting Owners 3

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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 (7) 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.
- (8) 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.
- (9) 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. 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.