FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287

Estimated average burden
hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person*     Blum Robert I					2. Issuer Name and Ticker or Trading Symbol CYTOKINETICS INC [ CYTK ]  3. Date of Farliast Transaction (Month/Day/Year)										5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner				
(Last) (First) (Middle) 280 EAST GRAND AVENUE					3. Date of Earliest Transaction (Month/Day/Year) 06/30/2006										X Officer (give title Other (sp. below)  President				specify
(Street) SOUTH SAN FRANCISCO CA 94080			4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)								Lin	e) X Form t	,			on		
(St									_										
1. Title of Security (Instr. 3)  2. Transacti					2A. Exe	Deer cutio	ned n Date,	3. Transa Code (	3. 4. Secu Transaction Code (Instr. and 5)			rities Acquired (A)			r 5. Amo Securit Benefic	unt of ies cially	Fori (D) ( Indi	m: Direct or irect (I)	7. Nature of Indirect Beneficial Ownership
								Code	v	Am	Amount			Price	Reporte Transa	Following Reported Transaction(s) (Instr. 3 and 4)		tr. 4)	(Instr. 4)
Common Stock				06/30/2006							4,995		A	\$0.5	8 69	),995		D	
Common Stock				06/30/2006				S <sup>(1)</sup>	ļ		4,995		D	\$6.6	1 65	5,000		D	
Common Stock															12	2,500		I	by Trust
Common Stock														12,500			I	by Trust 2 <sup>(3)</sup>	
		Table													wned				
2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Executi if any	emed on Date,	4. Transac Code (Ir	4. Fransaction Code (Instr.		5. 6. Number E		i. Date Exercisable and Expiration Date			7. Title and Amount of Securities Underlying Derivative Secur (Instr. 3 and 4)		ecurity	8. Price of Derivative Security (Instr. 5)	derivative Securities Beneficial Owned Following Reported	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
											or								
				Code	v	(A)	(D)					Title	of						
\$0.58	06/30/2006			М			4,995	01/14/2000	(4)	11/14/2	2010		- 4	1,995	\$0	67,495		D	
\$1.2								07/10/2002	(5)	07/10/2	2012			3,333		83,333		D	
\$1.2								05/21/2003	(6)	05/21/2	2013		- 1 3	7,500		37,500		D	
\$2								12/18/2003	(7)	12/18/2	2013			7,500		27,500		D	
	SAN SCO CASCO (SI SECURITY (Instance of Security (Instance of Security Security Security Security Security Security \$1.2	SAN CA (State) (Caracteristics of the security (Instr. 3)  Stock S	SAN CA 94080  (State) (Zip)  Table I - N Security (Instr. 3)  Stock Stock Stock Stock Stock Stock Stock Stock  \$1.2  \$1.2	T GRAND AVENUE  SAN CA 94080  (State) (Zip)  Table I - Non-Deriv  Security (Instr. 3)  Stock  Stock  Stock  Table II - Deriv (e.g.  2. Transaction Date (Month/Day/Year)  Price of Derivative Security  \$0.58 06/30/2006  \$1.2	(First) (Middle) T GRAND AVENUE  Table I - Non-Derivative : Security (Instr. 3)  Stock Stock Stock Stock  Table II - Derivative : (e.g., puts, or Exercise Price of Derivative Security Price of Derivative Security Security  Stock Stock  Table II - Derivative : (e.g., puts, or Exercise Price of Derivative Security Security  Stock Stock  Table II - Derivative : (e.g., puts, or Exercise Price of Derivative Security Security  Stock  Table II - Derivative : (e.g., puts, or Code (Instrumental Security (Month/Day/Year))  Stock  Stock  Table II - Derivative : (e.g., puts, or Code (Instrumental Security (Month/Day/Year))  Stock  Stock  Table II - Derivative : (e.g., puts, or Code (Instrumental Security (Month/Day/Year))  Stock  Stock  Table II - Derivative : (e.g., puts, or Code (Instrumental Security (Month/Day/Year))  Stock  Stock  Stock  Table II - Derivative : (e.g., puts, or Code (Instrumental Security (Month/Day/Year))  At a stock of the security of the security (Month/Day/Year)  Stock of the security (Month/Day/Year)  Stock of the security of the security (Month/Day/Year)  Stock of the security of the se	Code (Instr. 2006)   Code   V   So.58   O6/30/2006   M   O6/30/2006   Code   V   So.58   O6/30/2006   Code   V   So.58   O6/30/2006   Code   Code	Carrier   Carr	(First) (Middle) T GRAND AVENUE  SAN CA 94080  (State) (Zip)  Table I - Non-Derivative Securities Action Date (Month/Day/Year)  Stock  O6/30/2006  Stock  Table II - Derivative Securities Action (Leg., puts, calls, warrants of Date (Month/Day/Year)  Stock  Table II - Derivative Securities Action (Leg., puts, calls, warrants of Date (Month/Day/Year)  All Transaction Date (Leg., puts, calls, warrants of Date (Month/Day/Year)  Stock  Table II - Derivative Securities Action (Leg., puts, calls, warrants of Date (Month/Day/Year)  Stock  Conversion Date (Leg., puts, calls, warrants of Date (Month/Day/Year)  Security  Security  All Transaction Code (Instr. 8)  Stock  Table II - Derivative Securities Action (Leg., puts, calls, warrants of Code (Instr. 8)  Stock  Table II - Derivative Securities Action (Leg., puts, calls, warrants of Code (Instr. 8)  Stock  Stock  Table II - Derivative Securities Action (Leg., puts, calls, warrants of Code (Instr. 8)  Stock  Stock  Table II - Derivative Securities Action (Leg., puts, calls, warrants of Code (Instr. 9)  Stock  Stock  Stock  Table II - Derivative Securities Action (Leg., puts, calls, warrants	Code   Canal   Canal	Code   V   Code   Cod	Code   V   An   Code   Code   V   An   Code   Cod	Code   Name   Code   Code	Carrier   Carr	Canversion   Stock   Conversion   Stock   Conversion   Conversion	Conversion   Code (Inst.)   Code (Ins	Conversion   Con	Circle   C	Code   V   Amount   Code   V   Amount   Code   V   Amount   Code   V   Amount   Code   V   Code   Code	Canaba

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,	4. Transaction Code (Instr. 8)		5.		6. Date Exerc Expiration Day/\(\)	ate	7. Title at Amount of Securities Underlyin Derivativo (Instr. 3 a	of s ng e Security	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Incentive Stock Option (right to buy)	\$6.59							04/11/2005 <sup>(8)</sup>	04/11/2015	Common Stock	45,000		45,000	D	
Incentive Stock Option (right to buy)	\$7.15							03/01/2006 <sup>(9)</sup>	03/01/2016	Common Stock	28,494		28,494	D	
Non- Qualified Stock Option (right to buy)	\$1.2							07/10/2002 <sup>(5)</sup>	07/10/2012	Common Stock	31,667		31,667	D	
Non- Qualified Stock Option (right to buy)	\$2							12/18/2003 <sup>(7)</sup>	12/18/2013	Common Stock	114,425		114,425	D	
Non- Qualified Stock Option (right to buy)	\$7.15							03/01/2006 <sup>(9)</sup>	03/01/2016	Common Stock	71,506		71,506	D	

## Explanation of Responses:

- 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.
- 5. 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.
- 6. 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.
- 7. 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.
- 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.

Robert I. Blum 07/05/2006

\*\* Signature of Reporting Person Date

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

- \* 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).

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

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