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 ]								(Che	Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner					
(Last)						3. Date of Earliest Transaction (Month/Day/Year) 11/15/2007								) X	Officer	(give title	nt & (	Other (s		
	280 EAST GRAND AVENUE					4. If Amendment, Date of Original Filed (Month/Day/Year)								6. In	6. Individual or Joint/Group Filing (Check Applicable					
(Street) SOUTH SAN FRANCISCO CA 94080						4. II Amendment, Date of Orginal Filed (Month/Day/Year)								Line)  X Form filed by One Reporting Person  Form filed by More than One Reporting  Person						
(City)	(S	tate)																		
		Tab	le I - N	on-Deriv	ative \$	Sec	urit	ies Ad	cquired, [	Disp	osed o	f, or E	ene	ficiall	y Owned	i				
Da				Date	Transaction ate onth/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year		Code (Instr.						5. Amount of Securities Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
									Code	v	Amount	(A (D	or	Price	Transac	Reported Transaction(s) (Instr. 3 and 4)				
Commor	Stock			11/15/	2007	.007			M <sup>(1)</sup>		7,009	9 .	A	\$2	38,229		9 D			
Common	Stock			11/15/	2007	.007			S <sup>(2)</sup>		7,009	9	D	\$5	31,	,220		D		
Common Stock															12,	,500			by Trust	
Common Stock														12,	,500			by Trust 2 <sup>(4)</sup>		
			Tabl						quired, Di						ned		•			
	ve Conversion Date Execution Date or Exercise (Month/Day/Year) if any			(0.9	, puis,	Call	5, W	arrant	s, options	, co	nvertible	e secu	ILIES	•)						
1. Title of Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative	Date	Execution if any	med on Date,	4. Transac Code (Ir 8)	tion	5. Num of Deri Sec Acq (A) Disp of (I	nber ivative urities juired or posed	s, options  6. Date Exer Expiration I (Month/Day)	cisal Date	ole and	7. Title Amoun Securit Underl Derivat (Instr.	and t of ies /ing ive Se	ecurity	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4)	e s ally g	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership	
Derivative Security	Conversion or Exercise Price of Derivative	Date	Execution if any	med on Date,	4. Transac Code (Ir	tion	5. Num of Deri Sec Acq (A) Disp of (I	nber ivative urities urited or posed D) tr. 3, nd 5)	6. Date Exer Expiration [	cisal Date (Year	ole and	7. Title Amoun Securit Underl Derivat	and t of ies ying ive Se 3 and An or Nu of	ecurity 4)	of Derivative Security	derivative Securities Beneficia Owned Following Reported Transacti	e s ally g	Ownership Form: Direct (D) or Indirect (I) (Instr.	of Indirect Beneficial Ownership	
Derivative Security	Conversion or Exercise Price of Derivative	Date	Execution if any	med on Date,	4. Transac Code (Ir 8)	tion istr.	5. Num of Deri Sec Acq (A) Disp of (I (Ins 4 an	nber ivative urities urited or posed D) tr. 3, nd 5)	6. Date Exer Expiration I (Month/Day)	cisal Date Year	ole and )	7. Title Amoun Securit Underl Derivat (Instr. :	and t of ies ying ive Se 3 and	nount	of Derivative Security	derivative Securities Beneficia Owned Following Reported Transacti	e s s ally g I ion(s)	Ownership Form: Direct (D) or Indirect (I) (Instr.	of Indirect Beneficial Ownership	
Derivative Security (Instr. 3)  Non- Qualified Stock Option (right to	Conversion or Exercise Price of Derivative Security	Date (Month/Day/Year)	Execution if any	med on Date,	4. Transac Code (Ir 8)	tion istr.	5. Num of Deri Sec Acq (A) Disp of (I (Ins 4 an	nber ivative urities juired or posed D) tr. 3, nd 5)	6. Date Exer Expiration I (Month/Day)	E D	ole and ) xpiration ate	7. Title Amoun Securit Underl Derivat (Instr. :	and t t of ies ying ive Se B and	nount	of Derivative Security (Instr. 5)	derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4)	e s s silly g g l i sion(s)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership	
Non-Qualified Stock Option (right to buy)  Incentive Stock Option (right to buy)	Conversion or Exercise Price of Derivative Security	Date (Month/Day/Year)	Execution if any	med on Date,	4. Transac Code (Ir 8)	tion istr.	5. Num of Deri Sec Acq (A) Disp of (I (Ins 4 an	nber ivative urities juired or posed D) tr. 3, nd 5)	6. Date Exer Expiration I (Month/Day)	E E D D	expiration ate	7. Title Amoun Securit Underl Derivat (Instr. :	And toffies ying give Se and An or Nu of Sh	mount imber ares	of Derivative Security (Instr. 5)	derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4)	e s s s s s s s s s s s s s s s s s s s	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership	
Non-Qualified Stock Option (right to buy)  Incentive Stock Option (right to buy)  Incentive Stock Option (right to buy)	Conversion or Exercise Price of Derivative Security	Date (Month/Day/Year)	Execution if any	med on Date,	4. Transac Code (Ir 8)	tion istr.	5. Num of Deri Sec Acq (A) Disp of (I (Ins 4 an	nber ivative urities juired or posed D) tr. 3, nd 5)	Date Exercisable  12/18/2003 <sup>(3)</sup>	En D 12	xpiration ate 2/18/2013	7. Title Amoun Securit Under! Derivat (Instr. :	and toffies ying ive Se 3 and Annor Nu or Nu of Sh	nount imber ares	of Derivative Security (Instr. 5)	derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4)	e s s s s s s s s s s s s s s s s s s s	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership	

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.		5. Number		6. Date Exerci Expiration Da (Month/Day/Y	7. Title at Amount of Securities Underlyit Derivativ (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)	Beneficial Ownership	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Incentive Stock Option (right to buy)	\$2							12/18/2003 <sup>(5)</sup>	12/18/2013	Common Stock	27,500		27,500	D	
Incentive Stock Option (right to buy)	\$6.59							04/11/2005 <sup>(9)</sup>	04/11/2015	Common Stock	45,000		45,000	D	
Incentive Stock Option (right to buy)	\$6.81							04/01/2007 <sup>(10)</sup>	03/14/2017	Common Stock	22,806		22,806	D	
Incentive Stock Option (right to buy)	\$7.15							03/01/2006 <sup>(11)</sup>	03/01/2016	Common Stock	28,494		28,494	D	
Non- Qualified Stock Option (right to buy)	\$1.2							07/10/2002 <sup>(7)</sup>	07/10/2012	Common Stock	31,667		31,667	D	
Non- Qualified Stock Option (right to buy)	\$6.81							04/01/2007 <sup>(10)</sup>	03/14/2017	Common Stock	227,194		227,194	D	
Non- Qualified Stock Option (right to buy)	\$7.15							03/01/2006 <sup>(11)</sup>	03/01/2016	Common Stock	71,506		71,506	D	

## Explanation of Responses:

- 1. The exercise reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 27, 2007.
- 2. The sale reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 27, 2007
- 3. Shares held by The Bridget Blum 2003 Irrevocable Trust.
- 4. Shares held by The Brittany Blum 2003 Irrevocable Trust.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. 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.
- 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 03/14/2007 are combined for a total grant of 250,000 shares, the option shall vest and become exercisable as to 5,208 shares on 04/01/07 and the balance of 244,792 divided into equal monthly installments thereafter such that the option shall be 100% vested on 03/01/11.
- 11. 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.

<u>Robert I. Blum</u> <u>11/15/2007</u>

\*\* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.