FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL									
OMB Number: 3235-028									
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

					or Sec	ction	30(h)	of the	Investment	Con	npany Act	of 1940								
1. Name a		2. Issuer Name and Ticker or Trading Symbol CYTOKINETICS INC [CYTK]										Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner								
			3. Da	te of	Earlie	est Tra	nsaction (Mo	nth/	Day/Yea	r)		7 1	_	er (give title		(specify				
(Last)	(Fi	irst)	(Middle)		04/2	5/20	800								below		below			
280 EAST GRAND AVENUE					4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)										6. Individual or Joint/Group Filing (Check Applicable Line)				
(Street)) Line		filed by One	Reporting Per	son		
SOUTH SAN FRANCISCO CA 94080																n filed by More than One son				
(City)	(S	tate)	(Zip)																	
			le I - N			_			cquired, [)isp						Т				
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)				Execution Date,			Transaction Dispo			urities Acquired (A sed Of (D) (Instr. 3,		3, 4 Secu Bene Own			6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership				
									Code	v	Amoun	nt (A) or		Price			(Instr. 4)	(Instr. 4)		
Common Stock 04/25/20						.008			S ⁽¹⁾		800	0 D		\$3.31	18	1,800	D			
Common Stock 04/25/20					2008	008			S ⁽¹⁾		1,20	200 D		\$3.32	18	0,600	D			
		Т	able II						quired, Dis s, options						Owned			,		
Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	if any	emed on Date, /Day/Year)	4. Transaction Code (Instr. 8)		n Number E		6. Date Exercisable a Expiration Date (Month/Day/Year)			Amount of Securities Underlying Derivative Security (Instrand 4)		r. 3	3. Price of Derivative Security Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownershi Form: Direct (D) or Indirect (I) (Instr.	Beneficia Ownershi		
													Am	ount						
									Date	Ex	piration		Nur	nber						
					Code	v	(A)	(D)	Exercisable		ate	Title	Sha	ires						
Non- Qualified Stock Option (right to buy)	\$1.2								07/10/2002 ⁽²⁾	07	7/10/2012	Common Stock	10,	,000,		10,000	D			
Non- Qualified Stock Option (right to buy)	\$5.55								05/19/2005	05	5/19/2015	Common	7,5	500		7,500	D			
Non- Qualified Stock Option (right to buy)	\$6.55								05/24/2007	05	5/24/2017	Common	10,	,000		10,000	D			
Non- Qualified Stock Option (right to	\$7.29								05/25/2006	05	5/25/2016	Commo	7.4	500		7,500	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 February 8, 2007.

2. This option is immediately exercisable upon grant and shall vest as to 417 shares on 06/01/02 and the balance of 9,583 divided into equal monthly installments thereafter such that the option shall be 100% vested on 05/01/04.

By: Sharon Surrey-Barbari For: James A. Spudich 04/25/2008

** 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.