FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL								
OMB Number: 3235-028								
Estimated average burden								
hours per response:								

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* SPUDICH JAMES A						2. Issuer Name and Ticker or Trading Symbol CYTOKINETICS INC [CYTK]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Last) (First) (Middle)							Earlie	est Tra	nsaction (Mo	nth/	'Day/Yea		Office	Officer (give title below)		Other (
280 EAS	ST GRAND	AVENUE	4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)										6. Individual or Joint/Group Filing (Check Applicable					
(Street) SOUTH SAN FRANCISCO CA 94080														Lin	X Form	filed by Mor		oorting Pers an One Rep	
(City)	(S	tate)	(Zip)																
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
Date				2. Transac Date (Month/Da		Execution Date,		Transaction Code (Instr.		4. Securities Acquired (Disposed Of (D) (Instr. 3 and 5)				Securit Benefic Owned	ties cially	6. Ownership Form: Direct (D) or Indirect (I)		7. Nature of Indirect Beneficial Ownership	
					v			Amoun		A) or D)	Price				tr. 4)	(Instr. 4)			
Common	Stock			03/20/	2008			S ⁽¹⁾		1,90	00	D	\$3.3	8 18	32,700		D		
Common	03/20/	03/20/2008						100	00 D		\$3.3	9 18	2,600	00 D					
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)	Derivative Conversion Date Security or Exercise (Month/Day/Year) if any			on Date,	Code (Instr.		n Number Ex		Expiration D	6. Date Exercisable and Expiration Date Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		str. 3	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership
													or						
					Code	V	(A)	(D)	Date Exercisable		opiration	Title	of	umber : nares					
Non- Qualified Stock Option (right to buy)	\$1.2								07/10/2002 ⁽²	07	7/10/2012	Comm	on 14	0,000		10,000		D	
Non- Qualified Stock Option (right to buy)	\$5.55								05/19/2005	05	5/19/2015	Comm		,500		7,500		D	
Non- Qualified Stock Option (right to buy)	\$6.55								05/24/2007	05	5/24/2017	Comm		0,000		10,000		D	
Non- Qualified Stock Option (right to buy)	\$7.29								05/25/2006	05	5/25/2016	Comm	/	,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: James H. Sabry For: James A. Spudich

** 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.