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

1. Name and Address of Reporting Person [*] GILBERT DENISE						2. Issuer Name and Ticker or Trading Symbol <u>CYTOKINETICS INC</u> [CYTK]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Last)		First) (Middle)				3. Date of Earliest Transaction (Month/Day/Year) 05/21/2014									r (give title		Other (below)	
280 EAST GRAND AVENUE						4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)				
(Street) SOUTH SAN CA 94080 FRANCISCO														Form	Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(S	tate) ((Zip)															
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day					Execution Date,			Code (In	Transaction Dispose Code (Instr. and 5)		rities Acquired (A ed Of (D) (Instr. 3,		Securit Benefic Owned	ies Fo sially (D Inc		m: Direct or rect (I)	7. Nature of Indirect Beneficial Ownership	
								Code	v	Amount	(A) ((D)	Price			(Instr. 4)		(Instr. 4)	
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. Transact Code (In 8)	tion of			6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	ly	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership
					Code	v	(A)	(D)	Date Exercisable		xpiration ate	Title	Amount or Number of Shares					
Non- Qualified Stock Option (right to buy)	\$4.44	05/21/2014			A		10,000		06/21/2014 ⁽	¹⁾ 0,	5/21/2024	Common Stock	10,000	\$0	10,000		D	

Explanation of Responses:

1. This option shall vest and become exercisable as to 10,000 shares divided into equal monthly installments such that the option shall be 100% vested on May 21, 2015.

By: Sharon A. Barbari For:
Denise M. Gilbert05/22/2014

** 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.