FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL								
OMB Number:	3235-0287							
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Estimated average burden								
hours per response	0.5							

1. Name and Address of Reporting Person* HENDERSON JOHN T			Issuer Name and Ticker or Trading Symbol CYTOKINETICS INC [CYTK]	5. Relationship of Reporting Person(s) to Issuer				
		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/02/2015	(Check all applicable) X Director 10% Owner Officer (give Other (specify title below) below)				
(Street) SOUTH SAN FRANCISCO	CA	94080	4. If Amendment, Date of Original Filed (Month/Day/Year)	Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting				
(City)	(State)	(Zip)		Person				

	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned												
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code		4. Secul Acquired Dispose (Instr. 3,	d (A) d of	or (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (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. Transac Code (Instr. 8		of Deriva	or posed (D) str. 3,		on Date	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: 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				
Non- Qualified Stock Option (right to buy)	\$ 7.37	01/02/2015		A		11,872		02/02/2015 ⁽¹⁾	01/02/2025	Common Stock	11,872	\$ 2.95 ⁽²⁾	11,872	D	

Explanation of Responses:

- 1. This option shall vest and become exercisable as to 11,872 shares divided into equal monthly installments such that the option shall be 100% vested on January 2, 2016.
- 2. This option was issued to the reporting person pursuant to the Cytokinetics 2004 Equity Incentive Plan in lieu of an annual retainer of \$35,000.

By: Sharon A. Barbari For:

John T. Henderson

** Signature of Reporting

Date

Person

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.