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

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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* HENDERSON JOHN T						2. Issuer Name and Ticker or Trading Symbol CYTOKINETICS INC [CYTK]								eck all app	icable) tor	ng Pers	son(s) to Issi 10% Ow	ner
(Last) (First) (Middle) 280 EAST GRAND AVENUE						3. Date of Earliest Transaction (Month/Day/Year) 05/16/2018								Offic belo	er (give title v)		Other (s below)	pecify
(Street) SOUTH SAN FRANCISCO CA 94080			94080		4. 11	4. If Amendment, Date of Original Filed (Month/Day/Year)								e) <mark>X</mark> Forn Forn	·			
(City) (State) (Zip)						in Consider Associated Pierrand of Tour								la Carre				
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Transar Date (Month/Date)					ear)	2A. Deemed Execution Date, If any (Month/Day/Year)		Transaction Dispose Code (Instr. 5)		Disposed	ities Acquired (A) or d Of (D) (Instr. 3, 4 a		Benefi	ies ially Following	s Form Illy (D) o ollowing (I) (In		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
								Code	′	Amount	(A) or (D)	Price	Transa	ction(s) and 4)			msu. 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 D if any (Month/Day/	ate,	4. Transa Code (I 8)		of		6. Date Exercisable Expiration Date (Month/Day/Year)			7. Title and Ame of Securities Underlying Derivative Secu (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)		e s Illy	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)		Date Exercisable		xpiration ate	Title	Amount or Number of Shares					
Non- Qualified Stock Option (right to buy)	\$9.45	05/16/2018			A		20,000		(1)	05	5/16/2028	Common Stock	20,000	\$9.45	20,00	0	D	

Explanation of Responses:

1. This option shall vest and become exercisable in 12 equal monthly installments and shall become fully vested on May 16, 2019

By: Peter S. Roddy For: John T. 05/17/2018 **Henderson**

** 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.