FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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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 [*] Morgan Bradley Paul						2. Issuer Name and Ticker or Trading Symbol CYTOKINETICS INC [CYTK]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner					
(Last) (First) (Middle) 280 EAST GRAND AVENUE						3. Date of Earliest Transaction (Month/Day/Year) 02/28/2017									X Officer (give title below) SVP Drug Disco			below)		
(Street) SOUTH SAN FRANCISCO CA 94080 (City) (State) (Zip)					4. If A	If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Line) X Form filed by One Form filed by More Person									e Rep					
(City)	(S							<u> </u>												
Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day)					tion	2A. Exec if an	Deemed cution D	3. Transac Code (In	ion	4. Securities Acquired (Disposed Of (D) (Instr. and 5)			I (A) 01	5. Amo Securit Benefic Owned	unt of ies cially	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership		
								Code	v	Amount	t (A (D) or	Price				tr. 4)	(Instr. 4)		
Common Stock 02/28/2)17			Α		15,00	00	A	\$0.00	01 31	31,180		D		
Common Stock 02/28/2					2017	017					5,98	6	D	\$10.	6 25	25,194		D		
Common Stock 02/28/20					2017	017					20,00	00	A	\$0.00	01 45,	5,194(1)		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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	if any		4. Transactio Code (Instr 8)		5. Number 0		6. Date Exercisab Expiration Date (Month/Day/Year		able and 7. Tit Amou ar) Secu Unde Deriv		Title and nount of curities derlying rivative curity (Instr. 3		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		Beneficial Ownership	
					Code	v			Date Exercisab		xpiration ate	Title	or Nu of	nount mber ares						
Incentive Stock Option (right to buy)	\$10.6	02/28/2017			A		6,463		(2)	0	2/28/2027	Commo Stock	ⁿ 6,	463	\$0.0	6,463		D		
Non- Qualified Stock Option (right to buy)	\$10.6	02/28/2017			A		13,537		(2)	0.	2/28/2027	Commo Stock	ⁿ 13	,537	\$0.0	13,537		D		

Explanation of Responses:

1. The restricted stock units vest in three annual installments. Vested shares will be delivered to the reporting person as follows: 40% on 02/28/2018, 40% on 02/28/2019 and 20% on 02/28/2020.

2. When the ISO and NQ dated 02/28/2017 are combined, the total grant shall vest and become exercisable in equal monthly installments such that the option shall be 100% vested on 02/28/2021.

By: Sharon A. Barbari For: 03/02/2017 Bradley Morgan

** 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.