

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* <u>Malik Fady Ibrahim</u> (Last) (First) (Middle) 280 EAST GRAND AVENUE (Street) SOUTH SAN FRANCISCO CA 94080 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CYTKINETICS INC [CYTK]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP Research & Development</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>11/01/2017</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/01/2017		M ⁽¹⁾		694	A	\$11.1	47,540	D	
Common Stock	11/01/2017		S ⁽²⁾		178	D	\$13.05	47,362	D	
Common Stock	11/01/2017		M ⁽¹⁾		2,639	A	\$11.1	50,001	D	
Common Stock	11/01/2017		S ⁽²⁾		800	D	\$13.1	49,201	D	
Common Stock	11/01/2017		M ⁽¹⁾		694	A	\$11.1	49,895	D	
Common Stock	11/01/2017		S ⁽²⁾		300	D	\$13.125	49,595	D	
Common Stock	11/01/2017		M ⁽¹⁾		2,639	A	\$11.1	52,234	D	
Common Stock	11/01/2017		S ⁽²⁾		1,300	D	\$13.15	50,934	D	
Common Stock	11/01/2017		S ⁽²⁾		100	D	\$13.175	50,834	D	
Common Stock	11/01/2017		S ⁽²⁾		300	D	\$13.2	50,534	D	
Common Stock	11/01/2017		S ⁽²⁾		400	D	\$13.225	50,134	D	
Common Stock	11/01/2017		S ⁽²⁾		200	D	\$13.25	49,934	D	
Common Stock	11/01/2017		S ⁽²⁾		200	D	\$13.3	49,734	D	
Common Stock	11/01/2017		S ⁽²⁾		400	D	\$13.35	49,334	D	
Common Stock	11/01/2017		S ⁽²⁾		300	D	\$13.55	49,034	D	
Common Stock	11/01/2017		S ⁽²⁾		600	D	\$13.6	48,434	D	
Common Stock	11/01/2017		S ⁽²⁾		900	D	\$13.65	47,534	D	
Common Stock	11/01/2017		S ⁽²⁾		400	D	\$13.675	47,134	D	
Common Stock	11/01/2017		S ⁽²⁾		100	D	\$13.8	47,034	D	
Common Stock	11/01/2017		S ⁽²⁾		843	D	\$13.8	46,191	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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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 of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: 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				
Incentive Stock Option (right to buy)	\$11.1	11/01/2017		M			2,639	03/26/2009	02/26/2019	Common Stock	2,639	\$0.0	2,639	D	
Incentive Stock Option (right to buy)	\$11.1	11/01/2017		M			2,639	03/26/2009	02/26/2019	Common Stock	2,639	\$0.0	0	D	
Non-Qualified Stock Option (right to buy)	\$11.1	11/01/2017		M			694	03/26/2009	02/26/2019	Common Stock	694	\$0.0	694	D	
Non-Qualified Stock Option (right to buy)	\$11.1	11/01/2017		M			694	03/26/2009	02/26/2019	Common Stock	694	\$0.0	0	D	

Explanation of Responses:

- The exercise(s) reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on September 29, 2017.
- The sale(s) reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on September 29, 2017.

Fady Malik, M.D., Ph.D. 11/02/2017

** 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.

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