Sabry James Form 4	s H									
June 30, 200	09									
FORM	Λ4					NOT		OMB AF	PROVAL	
	UNITEL) STATES			ND EXCHA , D.C. 20549	NGE CO	OMMISSION	OMB Number:	3235-0287	
Check the check	ner							Expires:	January 31, 2005	
subject to Section 16. Form 4 or SECURITIES							Estimated a burden hour response	verage		
Form 5	-				e Securities E	-				
obligation may con				•	· · ·		1935 or Section	l		
See Inst		30(h)) of the Ii	nvestment	Company Ac	t of 1940)			
1(b).										
(Print or Type	Responses)									
1. Name and A Sabry Jame	Address of Reportinges H	g Person <u>*</u>	2. Issue Symbol	er Name and	Ticker or Tradi		5. Relationship of I Issuer	Reporting Pers	on(s) to	
			CYTOKINETICS INC [CYTK] 3. Date of Earliest Transaction			K]	(Check all applicable)			
(Last)	(First)	(Middle)					(enter an apprendie)			
			(Month/Day/Year)				_X_Director10% Owner			
280 EAST	GRAND AVEN	UE	06/26/2009				XOfficer (give titleOther (specify below) below)			
							Execu	tive Chairman		
	(Street)		4. If Am	endment, Da	ate Original		6. Individual or Joi	nt/Group Filin	g(Check	
			Filed(Mc	onth/Day/Year	.)		Applicable Line)			
COLITILO							_X_ Form filed by O Form filed by M			
SOUTH SA	AN CO, CA 94080						Person		······0	
(City)	(State)	(Zip)	Tab	le I - Non-E	Derivative Secur	ities Acqu	iired, Disposed of,	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)) Execution any	ned	3.	4. Securities Ac ror Disposed of ((Instr. 3, 4 and 5	quired (A) (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
					(Δ)		Reported	(I)		

		Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Common Stock	06/26/2009	S	300	D	\$ 2.85	89,250	Ι	by Trust
Common Stock	06/26/2009	S	8,300	D	\$ 2.835	80,950	I	by Trust
Common Stock	06/26/2009	S	10,600	D	\$ 2.83	70,350	I	by Trust
Common Stock	06/26/2009	S	800	D	\$ 2.84	69,550	I	by Trust
Common Stock	06/29/2009	S	1,300	D	\$ 2.79	68,250	Ι	by Trust

Common Stock	06/29/2009	S	200	D	\$ 2.7975	68,050	I	by Trust
Common Stock	06/29/2009	S	2,041	D	\$ 2.8	66,009	Ι	by Trust
Common Stock	06/29/2009	S	2,663	D	\$ 2.81	63,346	Ι	by Trust
Common Stock	06/29/2009	S	200	D	\$ 2.82	63,146	Ι	by Trust
Common Stock	06/29/2009	S	696	D	\$ 2.83	62,450	Ι	by Trust
Common Stock	06/29/2009	S	800	D	\$ 2.84	61,650	Ι	by Trust
Common Stock	06/29/2009	S	2,200	D	\$ 2.85	59,450	Ι	by Trust
Common Stock	06/29/2009	S	1,800	D	\$ 2.86	57,650	Ι	by Trust
Common Stock	06/29/2009	S	1,000	D	\$ 2.87	56,650	Ι	by Trust
Common Stock	06/29/2009	S	600	D	\$ 2.88	56,050	Ι	by Trust
Common Stock	06/29/2009	S	1,100	D	\$ 2.89	54,950	Ι	by Trust
Common Stock	06/29/2009	S	100	D	\$ 2.8975	54,850	Ι	by Trust
Common Stock	06/29/2009	S	1,489	D	\$ 2.9	53,361	Ι	by Trust
Common Stock	06/29/2009	S	900	D	\$ 2.92	52,461	Ι	by Trust
Common Stock	06/29/2009	S	300	D	\$ 2.94	52,161	Ι	by Trust
Common Stock	06/29/2009	S	411	D	\$ 2.95	51,750	Ι	by Trust
Common Stock	06/29/2009	S	100	D	\$ 2.96	51,650	Ι	by Trust
Common Stock	06/29/2009	S	400	D	\$ 2.97	51,250	Ι	by Trust
Common Stock	06/29/2009	S	100	D	\$ 2.975	51,150	Ι	by Trust
Common Stock	06/29/2009	S	700	D	\$ 2.98	50,450	Ι	by Trust
	06/29/2009	S	300	D	\$ 2.985	50,150	Ι	by Trust

		Lugui	i iiiig. O	ubry ou	11103 11					
Common Stock										
Common 0 Stock 0	6/29/2009		S	600	D	\$ 2.99	49,550 I	l by	y Trust	
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.										
	Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02) required to respond unless the form displays a currently valid OMB control number.									
	T	able II - Derivative So (e.g., puts, ca								
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	· · · · ·	3A. Deem Execution any (Month/Da	n Date, if	Code	5. tionNumber of) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	S		7. Title and A Underlying S (Instr. 3 and	Securitie
					Code V	V (A) (D)	Date Exercisable	Expiration Date	Title	Amou Numb Shares
Incentive Stock Option (right to buy)	\$ 0.58						09/28/1999 <u>(1)</u>	09/28/2009	Common Stock	62,5
Incentive Stock Option (right to buy)	\$ 0.58						11/14/2000 <u>(2)</u>	11/14/2010	Common Stock	172,4
Incentive Stock Option (right to buy)	\$ 1.2						07/10/2002(3)	07/10/2012	Common Stock	83,3
Incentive Stock Option (right to buy)	\$ 1.2						05/21/2003 <u>(4)</u>	05/21/2013	Common Stock	75,0
Incentive Stock Option (right to buy)	\$ 6.5						04/08/2004(5)	03/08/2014	Common Stock	66,9

Incentive

Incentive

Stock Option

(right to buy)

Stock Option

\$ 6.59

\$ 6.81

04/11/2005(<u>6</u>) 04/11/2015 Common 15,1 04/01/2007(<u>7</u>) 03/14/2017 Common 11,0

Stock

(right to buy)					
Incentive Stock Option (right to buy)	\$ 7.15	03/01/2006(8)	03/01/2016	Common Stock	18,4
Non-Qualified Stock Option (right to buy)	\$ 1.2	07/10/2002(3)	07/10/2012	Common Stock	161,1
Non-Qualified Stock Option (right to buy)	\$ 6.5	04/08/2004(5)	03/08/2014	Common Stock	19,5
Non-Qualified Stock Option (right to buy)	\$ 6.59	04/11/2005 <u>(6)</u>	04/11/2015	Common Stock	69,8
Non-Qualified Stock Option (right to buy)	\$ 6.81	04/01/2007 <u>(7)</u>	03/14/2017	Common Stock	88,9
Non-Qualified Stock Option (right to buy)	\$ 7.15	03/01/2006(8)	03/01/2016	Common Stock	131,:

Reporting Owners

Reporting Owner Name / Addre	SS	Relationships						
	Director	10% Owner	Officer	Other				
Sabry James H 280 EAST GRAND AVENUE SOUTH SAN FRANCISCO, CA	X 94080		Executive Chairman					
Signatures								
James H. Sabry, M.D., Ph.D.	06/30/2009							

**Signature of Reporting Person

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

Date

- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) This option is immediately exercisable upon grant and shall vest as to 15,625 shares on 05/01/99 and the balance of 46,875 divided into equal monthly installments thereafter such that the option shall be 100% vested on 05/01/02.

When the ISO and NQ dated 11/14/00 are combined for a total grant of 250,000 shares, the option is immediately exercisable upon grant
(2) and shall vest as to 4,167 shares on 12/14/00 and the balance of 245,833 divided into equal monthly installments thereafter such that the option shall be 100% vested on 11/14/05.

When the ISO and NQ dated 07/10/02 are combined for a total grant of 300,000 shares, the option is immediately exercisable upon grant(3) and shall vest as to 5,000 shares on 04/15/02 and the balance of 295,000 divided into equal monthly installments thereafter such that the option shall be 100% vested on 03/15/07.

(4)

This option is immediately exercisable upon grant and shall vest as to 1,563 shares on 04/01/03 and the balance of 73,437 divided into equal monthly installments thereafter such that the option shall be 100% vested on 03/01/07.

When the ISO and NQ dated 03/08/04 are combined for a total grant of 86,500 shares, the option shall vest and become exercisable as to
(5) 1,802 shares on 04/08/04 and the balance of 84,698 divided into equal monthly installments thereafter such that the option shall be 100% vested on 03/08/08.

- (6) When the ISO and NQ dated 04/11/05 are combined for a total grant of 85,000 shares, the option shall vest and become exercisable as to 85,000 shares divided into equal monthly installments such that the option shall be 100% vested on 03/01/2009.
- When the ISO and NQ dated 03/14/2007 are combined for a total grant of 100,000 shares, the option shall vest and become exercisable as
 (7) to 2,083 shares on 04/01/07 and the balance of 97,917 divided into equal monthly installments thereafter such that the option shall be 100% vested on 03/01/11.
- (8) When the ISO and NQ dated 03/01/2006 are combined for a total grant of 150,000 shares, the option shall vest and become exercisable as to 150,000 shares divided into equal monthly installments such that the option shall be 100% vested on 03/01/2010.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.