Thompson Tommy G Form 4 April 24, 2008

FORM 4

OMB APPROVAL

_	•	UNITED STATES SECURITIES AND EXCHANGE COMMISSION
		Washington, D.C. 20549

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Add Thompson To	•	ing Person *	2. Issuer Name and Ticker or Trading Symbol PURE BIOSCIENCE [PURE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First)		(Middle)	3. Date of Earliest Transaction	(==== an appneasie)		
264 MEDLOCK LANE			(Month/Day/Year) 04/22/2008	X Director 10% Owner Officer (give title below) Other (specify below)		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
ALEXANDR	IA, VA 2230	04	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

ALEXANDRIA, V	VΑ	. 2230
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(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative S	ecuriti	es Acqu	iired, Disposed of	f, or Beneficial	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securitie	es Acqu	uired	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Disp	osed o	of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code (Instr. 3, 4 and 5)			Beneficially	Form: Direct	Beneficial	
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(4)		Reported	(Instr. 4)	
					(A)		Transaction(s)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	04/22/2008		X	131,100	A	\$ 1.5	388,000 (1)	D	
Common Stock	04/22/2008		X	45,800	A	\$ 1.75	388,000 (1)	D	

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.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. Transactio Code (Instr. 8)	5. Number of ctionDerivative Securities 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and		6. Date Exercis Expiration Dat (Month/Day/Y	e	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount of Number of Shares		
Stock Option	\$ 1.5	04/22/2008		X		131,100	02/23/2006	12/02/2008	Common Stock	131,10		
Stock Option	\$ 1.75	04/22/2008		X		45,800	02/23/2006	12/02/2008	Common Stock	45,100		

Reporting Owners

Reporting Owner Name / Address	Relationships							
1 6	Director	10% Owner	Officer	Other				
Thompson Tommy G 264 MEDLOCK LANE	X							
ALEXANDRIA, VA 22304								

Signatures

/s/ Dennis Brovarone Attorney-in-fact for Tommy G.
Thompson

04/23/2008

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) Incorporates all transactions being reported on this Form 4.

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.

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