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

OMB APPROVAL						
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hours per response	. 0.					

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 OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

e Responses)																		
1. Name and Address of Reporting Person * SIAS JOHN B					2. Issuer Name and Ticker or Trading Symbol ENZO BIOCHEM INC [ENZ]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director 10% Owner					
О ВІОСНЕ	(First) EM INC, 527 MA		3. Date of Earliest Transaction (Month/Day/Year) 09/26/2008						-	0	fficer (give	title below)	Othe	r (specify belo	w)			
(Street)					4. If Amendment, Date Original Filed(Month/Day/Year)							6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person						
RK, NY IU	(State)	(Zip)				Table	I - No	n-Deriv	ative S	Securities	Acquir	red. D	isposed (of, or Benef	icially Owne	dl		
Title of Security 2. Transac Instr. 3) Date			ar) any		3. Transaction Code (Instr. 8)		4. Securities Acq (A) or Disposed of (Instr. 3, 4 and 5)		ties Acquisposed of 4 and 5)	uired 5. Amount of S Owned Follow Transaction(s)		ount of S d Followinction(s)	Securities Beneficially ving Reported		5. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
						Co	ode	V At	nount		Price				. /			
Stock, par	value \$0.01 per	09/26/2008				N	M	6,	078	A	\$ 5.45	173,0	087 (1)]	D		
1. Title of Derivative Conversion Security or Exercise (Month/Day/Year) any		3A. Deemed Execution Date, if any	(e.g., puts, calls, wa 4. 5. Num Code Derive ar) (Instr. 8) Secur Acqui (A) or Dispo of (D) (Instr. 8)			varrant umber ivative urities uired or posed D)	mber 6. Date Exercisable and Expiration Date (Month/Day/Year) (Month/Day/Year) Sect (Instance)				7. Title of Und Securit	e and A lerlyin	and Amount B. Price of 9. Derivative Security Se (Instr. 5) Be Or Re Tr		Derivative Securities Beneficially Owned Following Reported Transaction(Owners Form of Derivat Security Direct (or Indires)	tive Ownershi (Instr. 4) (D) rect	
				Code	V	and	5)	Date Exerc	eisable	Expiration Date		Title		or Number of				
\$ 5.45	09/26/2008		М			6,078	10/0	1/2002	10/0	01/2008	Stoc	mon ck, alue		\$ 0	0	D		
	Address of FIN B D BIOCHE RK, NY 10 curity Stock, par eport on a second or Exercise Price of Derivative Security	Address of Reporting Person* IN B (First) D BIOCHEM INC, 527 MA (Street) RK, NY 10022 (State) curity Stock, par value \$0.01 per eport on a separate line for each of the conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year)	Address of Reporting Person*- IN B (First) (Middle) D BIOCHEM INC, 527 MADISON (Street) RK, NY 10022 (State) (Zip) curity 2. Transaction Date (Month/Day/Year) Stock, par value \$0.01 per 09/26/2008 eport on a separate line for each class of securities be considered by the constraint of the c	Address of Reporting Person 2. Issuer ENZO 3. Date of 09/26/2 (Street) 4. If Ame 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Determined by the control of Execution Date (Month/Day/Year) 3. Determined by the control of Execution Date (Month/Day/Year) 3. 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Transaction Or Exercise (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Code V (A) Code V (A)	Address of Reporting Person - IN B O BIOCHEM INC, 527 MADISON (Street) (Street) (Struct) (Struct) (Struct) (Struct) (Zip) Table 2. Issuer Name and Tick ENZO BIOCHEM IN 09/26/2008 4. If Amendment, Date Ori RK, NY 10022 (State) (Zip) Table Execution Date, if any (Month/Day/Year) Stock, par value \$0.01 per O 9/26/2008 Price of Derivative Securities Ac (e.g., puts, calls, warrant any (Month/Day/Year) Price of Derivative Securities Code (Month/Day/Year) A. Deemed Execution Date, if any (Month/Day/Year) Stock (Month/Day/Year) A. Deemed Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) A. Deemed Execution Date, if any (Month/Day/Year) (Instr. 8) Code (Instr. 8) Code (Instr. 8) Code (V (A) (D)	Address of Reporting Person* IN B Color (First) D BIOCHEM INC, 527 MADISON (Street) (Street) (Street) (State) (Zip) (Zip) (State) (Zip) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (A) (Code (Instr. 8) Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, option or Exercise (Month/Day/Year) Price of Derivative Security (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (A) or Disposed of (D) (Instr. 3, 4, and 5) (Code V (A) (D) (Date (A) (D) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Code V (A) (D) (Date (Exercise Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) (Code V (A) (D) (Code V (A) (D)	Address of Reporting Person* (N B) (First) (Middle) (Street) (Street) (Street) (Strate) (State) (Instr. 8) (Inst	Address of Reporting Person 2. Issuer Name and Ticker or Trading Symbol ENZO BIOCHEM INC [ENZ] 3. Date of Earliest Transaction (Month/Day/Year) 3. Date of Earliest Transaction (Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 7. Table I - Non-Derivative Security 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Transaction (A) or Day/Year) 6. Ode (Instr. 8) 7. Table II - Derivative Securities Acquired, Disposed of (Bartista) 6. Date Exercisable 6. Date Exercisable 6. Date Exercisable 6. Date Exprization Date (Month/Day/Year) 7. Table II - Derivative Securities Acquired (Month/Day/Year) 6. Date Exercisable 6. Date Exercisable 6. Date Exprization Date (Month/Day/Year) 6. Date Exprization Date (Month/Day/Year) 7. Table II - Derivative Securities Acquired (Month/Day/Year) 7. Table II - Derivative Securities Acquired (Month/Day/Year) 8. 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Issuer Name and Ticker or Trading Symbol ENZO BIOCHEM INC (ENZ) (Article) 3. Date of Earliest Transaction (Month/Day/Year) (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) (State) (Zip) Table 1 - Non-Derivative Securities 2. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) 2. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) 2. Transaction Date (Month/Day/Year) (Month/Day/Year)	Address of Reporting Person* B Covery Cover	

D C O N	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
SIAS JOHN B C/O ENZO BIOCHEM INC 527 MADISON AVENUE NEW YORK, NY 10022	X						

Signatures

/s/ John B. Sias	09/30/2008
**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) Includes (i) 74,246 shares of Common Stock issuable upon the exercise of options which are exercisable within 60 days from the date hereof and (ii) 6,000 shares of restricted Common Stock.

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.