

# FORM 4

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

OMB APPROVAL	
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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 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

(Print or Type Responses)

1. Name and Address of Reporting Person FRITZSCHE R WAYNE <small>(Last) (First) (Middle)</small> 19814 WELLINGTON MANOR BLVD. <small>(Street)</small> LUTZ, FL 33549 <small>(City) (State) (Zip)</small>			2. Issuer Name and Ticker or Trading Symbol PRESSURE BIOSCIENCES INC [PBIO]		3. Date of Earliest Transaction (Month/Day/Year) 02/12/2009		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
4. If Amendment, Date Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person					

**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)			

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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**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 Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Series A Convertible Preferred Stock	\$ 1.15	02/12/2009		P		21,931		02/12/2009 <sup>(1)</sup>	05/12/2010 <sup>(2)</sup>	Common Stock, par value \$.01 per share	219,310 <sup>(3)</sup>	21,931	D <sup>(1)</sup>	
15-Month Preferred Stock Purchase Warrant	\$ 12.5	02/12/2009		P		21,931		02/12/2009 <sup>(1)</sup>	05/12/2010	Common Stock, par value \$.01 per share	219,310 <sup>(3)</sup>	21,931	D <sup>(1)</sup>	
30-Month Common Stock Purchase Warrant	\$ 2	02/12/2009		P		219,310		02/12/2009 <sup>(4)</sup>	08/12/2011	Common Stock, par value \$.01 per share	219,310 <sup>(3)</sup>	219,310	D <sup>(4)</sup>	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FRITZSCHE R WAYNE 19814 WELLINGTON MANOR BLVD. LUTZ, FL 33549	X			

## Signatures

By: /s/ Richard T. Schumacher, Attorney-in-Fact for R. Wayne Fritzsche	02/17/2009
<small>Signature of Reporting Person</small>	<small>Date</small>

## 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).

The terms of the Series A Convertible Preferred Stock contain a limitation on conversion which prevents the Reporting Person from converting shares of Series A Convertible Preferred Stock into shares of Common Stock if, after giving effect to the conversion, the Reporting Person would beneficially own more than 4.99% of the outstanding shares of Common Stock. The Reporting Person may elect to increase this limitation to 9.99%, 14.99% or 19.99%, upon not less than 61 days prior written notice to the Company. The Reporting Person disclaims beneficial ownership of such securities except to the extent of the Reporting Person's pecuniary interest in such securities.

- (2) The Series A Convertible Preferred Stock has no expiration date. Pursuant to a certain Securities Purchase Agreement, dated February 12, 2009, among the Company, the Reporting Person and the other purchasers named therein, the Reporting Person purchased 21,931 "Units" at a purchase price of \$11.50 per Unit. Each Unit consisted of (i) one share of Series A Convertible Preferred Stock, (ii) a warrant to purchase 10 shares of Common Stock, which warrant is exercisable until August 12, 2011 and (iii) a warrant to purchase, at the Reporting Person's election, either one share of Series A Convertible Preferred Stock or 10 shares of Common Stock, which warrant is exercisable until May 12, 2010.
- The 30-Month Common Warrants contain a limitation on exercise which prevents the Reporting Person from exercising any Warrants if, after giving effect to the exercise, the Reporting Person would beneficially own more than 4.99% of the outstanding shares of Common Stock. The Reporting Person may elect to increase this limitation to 9.99%, 14.99% or 19.99%, upon not less than 61 days prior written notice to the Company. The Reporting Person disclaims beneficial ownership of such securities except to the extent of the Reporting Person's pecuniary interest in such securities.

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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