

# FORM 4

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

| OMB APPROVAL                                   |           |
|--|-----------|
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## 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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

|  |         |          |  |  |  |  |  |  |
|--|---------|----------|--|--|--|--|--|--|
| 1. Name and Address of Reporting Person *<br>FRITZSCHE R WAYNE |         |          | 2. Issuer Name and Ticker or Trading Symbol<br>PRESSURE BIOSCIENCES INC [PBIO] |  |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director<br><input type="checkbox"/> 10% Owner<br>Officer (give title below) Other (specify below) |  |  |
| (Last)   | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br>03/12/2010                 |  |  |  |  |  |
| 1311 TRAIL GLEN LANE   |         |          | 4. If Amendment, Date Original Filed (Month/Day/Year)                          |  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person       |  |  |
| (Street)   |         |          |  |  |  |  |  |  |
| LUTZ, FL US 33549  |         |          |  |  |  |  |  |  |
| (City)   |         |          | (State)  |  |  | (Zip)  |  |  |

**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 |   |  |   |

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. SEC 1474 (9-02)

**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) |       |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----------------|---|--|--|--|--|-------|
|  |  |                                      |  |                                |   | Date Exercisable   | Expiration Date |   |  |  |  |  | Title |
| 15-Month Preferred Stock Purchase Warrant  | \$ 12.50 (3)   | 03/12/2010                           |  | M                              | 1,100   | 02/12/2009(1)  | 05/12/2010      | Common Stock  | 11,000                                     | \$ 0   | 9,900  | D  |       |
| Series A Convertible Preferred Stock       | \$ 0   | 03/12/2010                           |  | M                              | 385   | 02/12/2009(1)  | (2)             | Common Stock  | 3,850                                      | \$ 12.50   | 25,643   | D  |       |

## Reporting Owners

| Reporting Owner Name / Address                                 | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| FRITZSCHE R WAYNE<br>1311 TRAIL GLEN LANE<br>LUTZ, FL US 33549 | X             |           |         |       |

## Signatures

Richard T. Schumacher, Attorney in Fact 03/15/2010  
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).

- 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.
- (1) 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.
  - (3) The individual elected cashless exercise as allowed by affiliates of the Company, thereby receiving fewer preferred shares.

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.