FORM 4

# **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

| OMB Number:              | 3235-0287 |
|--------------------------|-----------|
| Estimated average burder | 1         |
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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).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| affirmative defense of 10b5-1(c). See Instru |         |          |   |   |  |                       |  |  |
|--|---------|----------|---|---|--|-----------------------|--|--|
| 1. Name and Address PETERSON JE              | . 0     |          | 2. Issuer Name and Ticker or Trading Symbol PRESSURE BIOSCIENCES INC [ PBIO ] |   | ionship of Reporting Person(s)<br>all applicable)<br>Director                | to Issuer             |  |  |
| (Last)                                       | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 12/06/2023                   |   | Officer (give title below)   | Other (specify below) |  |  |
| 342 LASTRETO                                 | AVENUE  |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                      | 6. Individual or Joint/Group Filing (Check Applicable Line) |  |                       |  |  |
| (Street)                                     |         |          |   | X   | Form filed by One Reporting Person  Form filed by More than One Reporting Pe |                       |  |  |
| SUNNYVALE                                    | CA      | 94085    |   |   | •  |                       |  |  |
| (City)                                       | (State) | (Zip)    |   |   |  |                       |  |  |

## Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Code (Instr.            |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |               |        | 5. Amount of<br>Securities<br>Beneficially Owned<br>Following Reported | 6. Ownership<br>Form: Direct (D)<br>or Indirect (I)<br>(Instr. 4) | Beneficial<br>Ownership |
|---------------------------------|--|---|-------------------------|---|---|---------------|--------|--|---|-------------------------|
|                                 |  |   | Code                    | v | Amount  | (A) or<br>(D) | Price  | Transaction(s)<br>(Instr. 3 and 4)                                     |   | (Instr. 4)              |
| COMMON STOCK                    | 12/06/2023                                 |   | <b>J</b> <sup>(1)</sup> |   | 21,573  | A             | \$0.36 | 70,558   | D   |                         |

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

|  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | <br>Execution Date, |  |      | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed of<br>(D) (Instr. 3, 4<br>and 5) |     | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                     | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security<br>(Instr. 3 and 4) |       | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported | Ownership<br>Form:<br>Direct (D) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |  |
|--|---|---------------------|--|------|--|-----|--|---------------------|--|-------|---|--|----------------------------------|--|--|--|
|  |   |                     |  | Code | v  | (A) | (D)  | Date<br>Exercisable | Expiration<br>Date   | Title | Amount<br>or<br>Number<br>of Shares                 |  | Transaction(s)<br>(Instr. 4)     |  |  |  |

#### Explanation of Responses:

1. Interest on convertible preferred stock paid in shares of common stock

12/08/2023 /s/ Peterson, Jeffrey N. Date

\*\* Signature of Reporting Person

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

- \* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.