PRESSURE BIOSCIENCES INC Form SC 13G January 16, 2007

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.)*

Pressure Biosciences, Inc. (Name of Issuer) Common Stock (Title of Class of Securities) 74112E109 (CUSIP Number) January 9, 2007 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

o Rule 13d-1(b)

þ Rule 13d-1(c)

o Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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.

CUSIP No. 74112E109

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NAMES OF REPORTING PERSONS: Lloyd I. Miller, III

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY): 279-42-7925

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

1

(a) o

(b) o

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

United States

| | 5 | SOLE VOTING POWER: |
|------------------------------------|---|---------------------------|
| NUMBER OF | C | 0 |
| SHARES BENEFICIALLY OWNED BY | 6 | SHARED VOTING POWER: |
| | | 126,998 |
| EACH | 7 | SOLE DISPOSITIVE POWER: |
| REPORTING ⁷ PERSON | 0 | |
| WITH: | 8 | SHARED DISPOSITIVE POWER: |
| | o | 126,998 |

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9

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|----|--|
| | 126,998 |
| 10 | CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS): |
| | 0 |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): |
| | 6.1% |
| 12 | TYPE OF REPORTING PERSON (SEE INSTRUCTIONS): |
| | IA** |

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| Item 1(a). | Name of Issuer: | Pressure Biosciences, Inc. | | | |
|------------|---|---|--|--|--|
| Item 1(b). | Address of Issuers s Principal Executive | 321 Manley Street | | | |
| | Offices: | West Bridgewater, Massachusetts 02379 | | | |
| Item 2(a). | Name of Person Filing: | Lloyd I. Miller, III | | | |
| Item 2(b). | Address of Principal Business Office or, if None, Residence: | 4550 Gordon Drive, Naples, Florida 34102 | | | |
| Item 2(c). | Citizenship: | U.S.A. | | | |
| Item 2(d). | Title of Class of Securities: | Common Stock | | | |
| Item 2(e). | CUSIP Number: | 74112E109 | | | |
| Item 3. | IF THIS STATEMENT IS FILED PURSUANT TO RULE 13d-1(b) OR 13d-2(b) or (c), CHECK WHETHER THE PERSON FILING IS A: | | | | |
| | Not Applicable, this statement is filed pursuant to 13d-1(c) | | | | |
| Item 4. | OWNERSHIP: The reporting person has shared voting and dispositive power with respect to 126,998 of the reported securities as an investment advisor to the trustee of a certain family trust. | | | | |
| | (a) 126,998 | | | | |
| | (b) 6.1% | | | | |
| | (c) (i) sole voting power: 0 | | | | |
| | (ii) shared voting power: 126,998 | | | | |
| | (iii) sole dispositive power: 0 | | | | |
| | (iv) shared dispositive power: 126,998 | | | | |
| Item 5. | OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS: | | | | |
| | Not Applicable | | | | |

Item 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

Persons other than Lloyd I. Miller, III have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the reported securities.

Item 7.

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IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:

Not Applicable

Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:

Not Applicable

Item 9. NOTICE OF DISSOLUTION OF GROUP:

Not Applicable

Item 10. CERTIFICATION:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: January 16, 2007

/s/ Lloyd I. Miller, III

Lloyd I. Miller, III