

PLURISTEM THERAPEUTICS INC
Form 8-K
March 02, 2009

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

Form 8-K

Current Report
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (Date of earliest event reported): **March 2, 2009**

PLURISTEM THERAPEUTICS INC.

(Exact name of registrant as specified in its charter)

Nevada (State or other jurisdiction of incorporation) **001-31392** (Commission file number) **98-0351734** (I.R.S. Employer Identification Number)

MATAM Advanced Technology Park
Building No. 20
Haifa, Israel
(Address of principal executive offices)

31905
(Zip Code)

Registrant's telephone number, including area code: **011 972 74 710 7171**

N/A
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 8.01 Other Events.

On March 2, 2009, the registrant issued a press release announcing that the US Food & Drug Administration has cleared the registrant's Investigational New Drug application to initiate a Phase I clinical trial for the treatment of critical limb ischemia using its PLX-PAD product. A copy of the Press Release is attached hereto as Exhibit 99.1 and incorporated by reference herein.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

99.1 Press release issued by the registrant on March 2, 2009.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

PLURISTEM THERAPEUTICS INC.

Date: March 2, 2009

By: /s/ Yaky Yanay

Yaky Yanay
Chief Financial Officer
