

PLURISTEM THERAPEUTICS INC  
Form 8-K  
December 13, 2010

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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): December 13, 2010 (December 12, 2010)

PLURISTEM THERAPEUTICS INC.  
(Exact name of registrant as specified in its charter)

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

|  |                     |
|--|---------------------|
| MATAM Advanced Technology Park<br>Building No. 20<br>Haifa, Israel<br>(Address of principal executive offices) | 31905<br>(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 December 12, 2010, the Tel-Aviv Stock Exchange (“TASE”) approved the listing of the registrant’s shares of common stock for trading on the TASE beginning on December 19, 2010, under the ticker symbol PLTR.

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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: December 13, 2010

By: /s/ Yaky Yanay  
Yaky Yanay  
Chief Financial Officer