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: April 15, 2019 (April 11, 2019)

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

(IRS Employer Identification No.)

MATAM Advanced Technology Park
Building No. 5
Haifa, Israel
(Address of Principal Executive Offices)

3508409

(Zip Code)

011 972 74 710 7171

(Registrant's Telephone Number, Including Area Code)

Che	ck 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))
Indicate by check mark whether the registrant is an emerging growth company as defined in as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).	
Emerging growth company \square	
If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.	

Item 3.01 Notice of Delisting or Failure to Satisfy a Continued Listing Rule or Standard; Transfer of Listing

On April 11, 2019, Pluristem Therapeutics Inc., or the Company, received a written notice from the Nasdaq Stock Market LLC, or Nasdaq, indicating that the Company was not in compliance with Nasdaq Listing Rule 5550(a)(2), as the Company's closing bid price for its common stock was below \$1.00 per share for the last 30 consecutive business days.

Pursuant to Nasdaq Listing Rule 5810(c)(3)(A), the Company has been granted a 180-calendar day compliance period, or until October 8, 2019, to regain compliance with the minimum bid price requirement. During the compliance period, the Company's common shares will continue to be listed and traded on the Nasdaq Stock Market. To regain compliance, the closing bid price of the Company's common stock must meet or exceed \$1.00 per share for at least 10 consecutive business days during the 180-calendar day compliance period.

If the Company is not in compliance by October 8, 2019, the Company may be afforded a second 180-calendar day compliance period. To qualify for this additional time, the Company will be required to meet the continued listing requirement for market value of publicly held shares and all other initial listing standards for Nasdaq with the exception of the minimum bid price requirement, and will need to provide written notice of its intention to cure the deficiency during the second compliance period.

If the Company does not regain compliance within the allotted compliance period(s), including any extensions that may be granted by Nasdaq, Nasdaq will provide notice that the Company's common stock will be subject to delisting.

The Company intends to monitor the closing bid price of its common stock between now and October 8, 2019 and will consider available options to resolve the Company's noncompliance with the minimum bid price requirement as may be necessary.

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: April 15, 2019 By: /s/ Chen Franco-Yehuda

Chen Franco-Yehuda

Chief Financial Officer and Secretary