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 30, 2017 (March 30, 2017)**

PLURISTEM THERAPEUTICS INC.
(Exact Name of Registrant as Specified in Its Charter)

Nevada
(State or Other Jurisdiction of Incorporation)

001-31392	**98-0351734**
(Commission File Number)	(IRS Employer Identification No.)
MATAM Advanced Technology Park **Building No. 5** **Haifa, Israel**	
(Address of Principal Executive Offices)	**31905** (Zip Code)

011 972 74 7108607
(Registrant's Telephone Number, Including Area Code)

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))

Item 8.01. Other Events.

On March 30, 2017, the registrant issued a press release announcing advancement in discussions with Sosei Corporate Venture Capital Ltd. (“Sosei CVC”) towards establishing a new corporation to pursue the clinical development and commercialization of Pluristem’s PLX-PAD cell therapy product in Japan. The registrant and Sosei CVC currently anticipate definitive agreements are to be finalized in the coming months, rather than by March 31, 2017 as previously announced.

The press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
99.1	Press release dated March 30, 2017.

Warning Concerning Forward Looking Statements

This Current Report on Form 8-K contains forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995 and federal securities laws. These forward-looking statements include, but are not limited to, those statements regarding the establishment of a Japanese new corporation, the registrant and Sosei CVC’s plan to enter into definitive agreements and the proposed timing of execution of such agreements. The registrant may not be successful in negotiating definitive documentation by the time period expected or at all, and even if successful, the sale of securities may not be completed if the conditions to closing such sale are not met. These forward-looking statements and their implications are based on the current expectations of the management of the registrant only, and are subject to a number of factors and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. The forward-looking statements contained in this Current Report on Form 8-K are subject to risks and uncertainties, including those discussed in the registrant’s reports filed from time to time with the SEC. Except as otherwise required by law, the registrant undertakes no obligation to publicly release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

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 30, 2017

By: /s/ Erez Egozi
Name: Erez Egozi
Title: Chief Financial Officer

Exhibit 99.1

Pluristem and Sosei CVC Advancing Towards Finalizing Joint Venture for the Commercialization of PLX-PAD in Japan

HAIFA, ISRAEL, March 30, 2017- Pluristem Therapeutics Inc. (NASDAQ: PSTI), (TASE: PSTI), a leading developer of placenta-based cell therapy products today announced advancement in discussions with Sosei Corporate Venture Capital Ltd. (Sosei CVC) towards establishing a new corporation to pursue the clinical development and commercialization of Pluristem's PLX-PAD cell therapy product in Japan.

Pluristem and Sosei CVC currently anticipate definitive agreements are to be finalized in the coming months, rather than by March 31, 2017 as previously announced.

Safe Harbor Statement

This press release contains express or implied forward-looking statements within the Private Securities Litigation Reform Act of 1995 and other U.S. Federal securities laws. For example, we are using forward-looking statements when we discuss the establishment of a Japanese new corporation; when we discuss the parties' plan to enter into definitive agreements and the proposed timing of execution of such agreements; and when we discuss the pursuit of clinical development and commercialization in Japan. Further, although Pluristem has signed a binding term sheet with Sosei CVC, it may not be successful in negotiating definitive documentation by the date expected or at all, and even if successful, the transaction may not be completed if the conditions to closing are not met. These forward-looking statements and their implications are based on the current expectations of the management of Pluristem only, and are subject to a number of factors and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. The following factors, among others, could cause actual results to differ materially from those described in the forward-looking statements: changes in technology and market requirements; we may encounter delays or obstacles in launching and/or successfully completing our clinical trials; our products may not be approved by regulatory agencies, our technology may not be validated as we progress further and our methods may not be accepted by the scientific community; we may be unable to retain or attract key employees whose knowledge is essential to the development of our products; unforeseen scientific difficulties may develop with our process; our products may wind up being more expensive than we anticipate; results in the laboratory may not translate to equally good results in real clinical settings; results of preclinical studies may not correlate with the results of human clinical trials; our patents may not be sufficient; our products may harm recipients; changes in legislation; inability to timely develop and introduce new technologies, products and applications; loss of market share and pressure on pricing resulting from competition, which could cause the actual results or performance of Pluristem to differ materially from those contemplated in such forward-looking statements. Except as otherwise required by law, Pluristem undertakes no obligation to publicly release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events. For a more detailed description of the risks and uncertainties affecting Pluristem, reference is made to Pluristem's reports filed from time to time with the Securities and Exchange Commission.

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