



Pluristem Therapeutics Inc. Announces Proposed Public Offering of Common Stock and Warrants and Concurrent Registered Direct Offering of Common Stock

Haifa, Israel – April 3, 2019 – [Pluristem Therapeutics Inc.](http://www.pluristem.com) (Nasdaq: PSTI, TASE: PLTR) (“Pluristem” or “Company”), a leading regenerative medicine company developing novel placenta-based cell therapy product candidates, announced today that it intends to offer and sell shares of its common stock and warrants in an underwritten public offering and shares of its common stock in a concurrent registered direct offering. All of the shares and warrants in the underwritten public offering, and the shares in the concurrent registered direct offering, are to be sold by Pluristem. Pluristem intends to grant the underwriter a 30-day option to purchase up to an additional 15% of the shares of common stock and/or warrants offered in the public offering at the public offering price, less the underwriting discounts and commissions.

The Company intends to use the net proceeds of both offerings for research and product development activities, clinical trial activities, investment in capital equipment and for working capital and other general corporate purposes.

Ladenburg Thalmann & Co. Inc., a subsidiary of Ladenburg Thalmann Financial Services Inc. (NYSE American: LTS), is acting as sole book running manager in connection with the underwritten public offering and as placement agent in the registered direct offering. Both offerings are subject to market and other conditions, and there can be no assurances as to whether or when the offerings may be completed, or as to the actual size or terms of the offerings.

The shares of common stock and warrants offered in the underwritten public offering and the shares of common stock offered in the registered direct offering described above are being offered by Pluristem pursuant to its shelf registration statement on Form S-3 (File No. 333-218916) previously filed and declared effective by the Securities and Exchange Commission (the “SEC”) on June 30, 2017. The offerings may be made only by means of a prospectus supplement and accompanying prospectus. When available, copies of the preliminary prospectus supplement and the accompanying prospectus relating to the underwritten public offering may be obtained from Ladenburg Thalmann & Co. Inc., Prospectus Department, 277 Park Ave, 26th Floor, New York, NY 10172, by calling (212) 409-2000, or by email at prospectus@ladenburg.com.

This press release shall not constitute an offer to sell or a solicitation of an offer to buy these securities, nor shall there be any sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

About Pluristem Therapeutics

Pluristem Therapeutics Inc. is a leading regenerative medicine company developing novel placenta-based cell therapy product candidates. The Company has reported robust clinical trial data in multiple indications for its patented PLX cell product candidates and is conducting late stage clinical trials in

several indications. Based on nonclinical research, PLX cell product candidates are believe to release a range of therapeutic proteins in response to inflammation, ischemia, muscle trauma, hematological disorders and radiation damage. The cells are grown using the Company's proprietary three-dimensional expansion technology and can be administered to patients off-the-shelf, without tissue matching. Pluristem has a strong intellectual property position; Company owned and operated, GMP-certified manufacturing and research facility; strategic relationships with major research institutions; and a seasoned management team.

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, the Company is using forward-looking statements when the Company discusses the expected offerings, the possible offering of additional shares and/or warrants and its intended use of proceeds. These forward-looking statements and their implications are based on the current expectations of the management of the Company 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 and those discussed in the "Risk Factors" section in Pluristem's most recently filed Annual Report on Form 10-K, as well as other risks detailed in Pluristem's subsequent filings with the Securities and Exchange Commission, among others, could cause actual results to differ materially from those described in the forward-looking statements: market risks and uncertainties, the success of the public offering, use of proceeds of the public offering, and the satisfaction of all conditions to, and the timely closing of, the offering;; which could cause the actual results or performance of the Company to differ materially from those contemplated in such forward-looking statements. There can be no assurance that the actual results or developments anticipated by Pluristem will be realized or, even if substantially realized, that they will have the expected consequences to, or effects on, Pluristem. All information in this press release is as of the date of the release and 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 unless required by law.

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