Pluristem's Ohad Karnieli to Deliver a Plenary Presentation on Cell Therapy Manufacturing at ISUS 2014 Conference

Pluristem to share insights on emerging markets and its industry-leading cell manufacturing methods with audience of bio-manufacturing experts

HAIFA, ISRAEL, June 30, 2014 -- Pluristem Therapeutics Inc. (NasdaqCM: PSTI) TASE: PLTR), a leading developer of placenta-based cell therapies, today announced its VP of Development & Manufacturing, Ohad Karnieli, Ph.D., will give a plenary talk at the Bio-Process Systems Alliance's (BPSA) 4th Annual International Single-Use Summit (ISUS 2014), which will be held on July 9-11, 2014 in Washington, D.C.

Speakers at this year's ISUS 2014 event will offer insight on building bio-manufacturing venues tailored to single-use technologies, new markets for single-use (disposable) biopharmaceutical manufacturing equipment, and a host of other technical topics facing this fast-evolving industry.

On Thursday, July 10th from 11:45 a.m. to 12:30 p.m., during his presentation on behalf of the ISCT titled, "Emerging Markets for Single-Use: Cell Therapy and Regenerative Medicine," Dr. Karnieli will speak about process and product development and innovation in single-use manufacturing of cell therapy and regenerative medicine products.

Pluristem is currently the only company manufacturing large quantities of homogeneous, clinical-grade, placenta-based cell products using a 3D bioreactor. Driving this achievement are research, development and manufacturing teams dedicated to shaping the future of placenta-based cell therapies.

About BPSA

The Bio-Process Systems Alliance (BPSA) was formed in 2005 as an industry-led trade association dedicated to encouraging and accelerating the adoption of single-use manufacturing technologies for the production of biopharmaceuticals and vaccines. BPSA facilitates education, sharing of best practices, development of consensus guides and business-to-business networking opportunities among its members.

About Pluristem Therapeutics

Pluristem Therapeutics Inc. is a leading developer of placenta-based cell therapies. The Company's patented PLX (PLacental eXpanded) cells are a protein delivery platform that releases a cocktail of therapeutic proteins in response to a host of local and systemic inflammatory and ischemic diseases. PLX cells are grown using the Company's proprietary 3D micro-environmental technology and are an "off-the-shelf" product that requires no tissue matching prior to administration.

Pluristem has a strong intellectual property position, Company-owned GMP certified manufacturing and research facilities, strategic relationships with major research institutions and a seasoned management team. For more information visit www.pluristem.com, the content of which is not part of this press release.

Safe Harbor Statement

This press release 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 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 surgical 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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