

Pluristem Therapeutics Inc.: is a bio-therapeutics Company dedicated to the commercialization of unrelated donor-patient (allogeneic) cell therapy products for the treatment of several severe degenerative, ischemic and autoimmune disorders. The Company is developing a pipeline of products, stored ready-to-use, that are derived from the human placenta, a non-controversial, non-embryonic, adult stem cell source.

We are delighted that our PLacental eXpanded (PLX) cells show promise in treating a variety of clinical indications. Our first product in development, PLX-PAD, is intended to improve the quality of life of millions of people suffering from peripheral artery disease (PAD). We are committed to fulfill our mission and start clinical studies for the treatment of PAD in 2008. We are developing additional products which include PLX-BMT, targeting the global shortfall of matched tissue for bone marrow transplantation (BMT), by improving the engraftment of hematopoietic stem cells (HSCs) contained in umbilical cord blood; PLX-STROKE, targeting ischemic stroke; and PLX-MS, targeting Multiple Sclerosis.

We have previously announced pre-clinical data supporting our belief that our PLX cells are able to support the recovery of animals for a variety of indications such as peripheral artery disease (PAD), leukemia, Multiple Sclerosis and ischemic stroke.

The PluriX™ Bioreactor System is designed to be a system of stromal cell cultures and substrates that creates an artificial physiological environment where adherent stromal cells (ASCs) can grow and reproduce outside of the human body. Unlike conventional two-dimensional (2D) culturing methods, the Company's PluriX™ Bioreactor creates a three-dimensional (3D) microenvironment that closely resembles the structure and function of the body's bone marrow environment. By mimicking the natural environment that exists within human bones, the system "tricks" stem cells into growing and reproducing in the same way they would in living organs. Because the size and scale of the PluriX™ Bioreactor is larger than that of human bone marrow, stem cell growth can be greatly expanded.