

AMERICA STEM CELL, INC. Initiates a Phase I/II Trial of ASC-101 in Patients with Hematologic Malignancies Undergoing Dual-Cord Transplantation

The Associated Press

SAN ANTONIO--(BUSINESS WIRE)--Aug 27, 2012--America Stem Cell, Inc. announced today the initiation of a single-center study at The University of Texas MD Anderson Cancer Center evaluating ASC-101 in dual-umbilical cord transplantation in patients with hematologic malignancies.

“There is a significant unmet medical need to improve stem cell engraftment into bone marrow for patients undergoing umbilical cord transplantation, and America Stem Cell is committed to filling that need,” said Dr. Linda Paradiso, Chief Development Officer at America Stem Cell. ASC-101 is a novel enzyme treatment that will potentially transform hematopoietic stem cell transplantation by accelerating patient immune system and platelet recovery, reducing opportunistic infections and other co-morbidities, and improving patient survival.

“Enhancing umbilical cord stem cell engraftment into bone marrow in the dual cord transplant setting will improve clinical outcomes for patients with serious, life-threatening cancers and other disorders for which hematopoietic stem cell transplant is prescribed,” said, Dr. Elizabeth Shpall, MD, Medical Director, Cell Therapy Laboratory and Director, Cord Blood Bank at M.D. Anderson Cancer Center and Principal Investigator on the ASC-101 Phase I/II clinical trial. The MD Anderson study has enrolled and dosed its first patient in this Phase I/II study designed to study the safety of ASC-101 in the hematopoietic stem cell transplant setting and gather preliminary data on potential clinical benefit.

“ASC was founded with the vision to make stem cell transplants safer and more efficacious for patients undergoing cell therapy. The start of this trial using ASC-101 in cancer patients undergoing bone marrow transplantation is a major step forward in advancing the ASC clinical pipeline,” said Lynnet Koh-LeMaire, Chief Executive Officer/Founder of America Stem Cell.

About America Stem Cell, Inc.

ASC is a privately held biotechnology company based in San Antonio, TX, with offices in San Diego, CA. It is focused on the development and commercialization of its novel enzyme technology platforms (ASC-101 and ASC-102) to improve the homing and engraftment of stem cells to target organs and increase their therapeutic potential for patients in need of stem cell transplantation. The initial focus of ASC is to transform clinical efficacy outcomes for hematopoietic stem cell transplantation with ASC-101. Additionally, these platforms have the potential to

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enhance efficacy outcomes for stem cell treatment of inflammation from chemotherapy/radiation, solid tumors, autoimmune diseases, and ischemic diseases including myocardial infarction and stroke. ASC has collaborations/partnerships with medical research institutions including The University of Texas M.D. Anderson Cancer Center, Oklahoma Medical Research Foundation, National Institutes of Health, Fred Hutchinson Cancer Center, University of California San Diego, the Sanford-Burnham Institute, Indiana University, Juvenile Diabetes Research Foundation, Spectrum Health Innovations as well as a corporate partnership with Kyowa Hakko Kirin. For additional information, please contact Lynnet Koh-LeMaire at (210) 410-6427, or view www.americastemcell.com.

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