



seraxis

Cell Therapy for Diabetes

SERAXIS Inc. publishes clinical trial considerations for a type 1 diabetes stem cell-derived therapy

Germantown, United States, November 12, 2018 – SERAXIS Inc., a rapidly growing regenerative medicine company today announced some important trial considerations for SR-01, its pluripotent stem cell-derived islet therapy for insulin-dependent diabetes.

An analysis of islet transplant trials registered on clinicaltrials.gov was conducted with the goal of extracting insights to apply in the study design of SERAXIS lead candidate, SR-01 for the treatment of type 1 diabetes. The results of this analysis were published this week in *Stem Cells Translational Medicine* (doi:10.1002/sctm.18-0156). SR-01 is a combination therapy of insulin-producing cells encapsulated in the retrievable biocompatible SeraGraft™ device, designed to prevent immune system access to the cells after implantation. The SeraGraft™ device has been shown to protect encapsulated cells in immune-competent diabetic models, to facilitate rapid vascularization of the graft without inducing a fibrotic response. If successful, SR-01 cell replacement therapy has the potential to provide a novel therapeutic modality to insulin-dependent type 1 diabetes patients, and SERAXIS is establishing a strategic relationship with a major clinical transplant program toward that end. The SERAXIS therapy could overcome some of the challenges associated with current pancreatic islet transplant protocols, providing a theoretically unlimited supply of insulin-producing cells and reducing or eliminating the need for post-transplant pharmacologic immunosuppression.

About SERAXIS INC.

SERAXIS is a privately held biotechnology company, incorporated in Singapore and the United States. SERAXIS used proprietary technologies to develop: (1) a cell therapy that functions shortly after transplantation in diabetic animals and; (2) a device, SeraGraft™

that safely protects these human pancreas cells from the immune system of animal hosts without need for pharmacologic immunosuppression. Further information can be found at www.seraxis.com

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