



American Academy of Stem Cell Physicians

AASCP Zoom Lecture February 3rd, 7:30pm (EST)

Giacomo Lanzoni, Ph.D., "Umbilical cord mesenchymal stem cells for COVID-19 acute respiratory distress syndrome: A double-blind, phase 1/2a, randomized controlled trial"

Giacomo Lanzoni, Ph.D., is Research Assistant Professor at the Diabetes Research Institute, Department of Biochemistry and Molecular Biology, University of Miami in Miami, Florida, USA. His research is focused on regenerative medicine and immunomodulatory strategies for Type 1 Diabetes and COVID-19. In studies in the field of diabetes, he is developing methods to regenerate and protect pancreatic islet beta cells – the cells that produce insulin and that control glucose metabolism. He has contributed to the identification of human adult progenitor cells in the biliary tree and pancreas. He has developed novel methods for the proteomic analysis of pancreatic cell types. He has identified cell surface molecules of pancreatic progenitors, useful for sorting and for targeted delivery. In studies related to immunomodulation, he has showed that human Mesenchymal Stem Cells (MSC) inhibit inflammatory responses and stimulate tissue regeneration. In the field of COVID-19, in a randomized controlled clinical trial, he showed that MSC treatment is associated with substantial improvements in patients with severe COVID-19.

