American Academy of Stem Cell Physicians

AASCP Zoom Lecture January 27th, 7:30pm (EST)

Camillo Ricordi, M.D., "Lipogems"

Dr. Ricordi completed high school with a perfect score and all graduate and post-graduate studies with the highest scores and honors in Milan, Italy. After medical school, board certification and military service as a medical officer in the Italian air force, he moved to Washington University in St. Louis, Missouri, where he received an NIH Research Trainee Award (1986-1988) working with islet cell transplant pioneer Prof. Paul E. Lacy. Dr. Ricordi subsequently spent four years (1989-1993) with transplant pioneer, Prof. Thomas E. Starzl, as Director of Cellular Transplantation at the University of Pittsburgh Transplantation Institute. Since 1993, he has been working at the University of Miami (UM).

Acknowledged by his peers as one of the world's leading scientists in diabetes cure-focused research and cell transplantation, Dr. Ricordi is well-known for inventing the machine that made it possible to isolate large numbers of islet cells (insulin-producing cells) from the human pancreas and for performing the first series of successful clinical islet transplants that reversed diabetes after implantation of donor purified islets into the liver of recipients with diabetes. The procedure is now used by laboratories performing clinical islet transplants worldwide and in 2017 the first NIH-funded, FDA Phase 3 multicenter trial was successfully completed by the NIH Clinical Islet Transplantation Consortium, chaired by Dr. Ricordi for over a decade. He has also developed highly innovative strategies with the objective to transplant cells and organs without the continuous requirement for anti-rejection drugs and for the reversal of autoimmune disease conditions. Dr. Ricordi's research interests include the definition of anti-inflammatory and regenerative medicine strategies to prevent or treat chronic degenerative disease conditions and to prolong health lifespan (healthspan).