LECTURE

Analysis of the microRNAs involved in early mesoderm and cardiac progenitor cells derived from pluripotent stem cells.

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He is currently an investigator at the Laboratorio de Investigaciones Aplicadas en Neurociencias (LIAN-CONICET), FLENI. He is a group leader working on pluripotent stem cells and its differentiation into mesoderm and cardiac tissue

Santiago got his Medical Degree at the Universidad Nacional de La Plata, Argentina, in 1996. After theat he trained in Cardiology at the Instituto de Cardiología del Hospital Español, in Buenos Aires, and got his Specialization degree in Cardiology at the University of Buenos Aires in 2002. After that he moved to Toronto, Canada, where he specialized in Heart Failure and Transplantation, from 2001 to 2005. He also got a Master of Sciences in Cell Biology at the Institute of Medical Sciences (IMS) of the University of Toronto. After returning to Argentina, he got a Master Degree in Clinical Trials at the London Hygiene and Tropical Medicine (Distance Learning Programme) at the University of London, UK. He was in charge of the Heart Failure and Heart Transplant Program in FLENI from 2005 to 2012, and he remains currently as a Staff Cardiologist at the Cardiology Service.

He is currently a Clinical Investigator in CONICET, and he has published more than 30 papers in international journals, both in basic and clinical research. His lab is currently interested on epithelial-to-mesenchymal transition and cardiac differentiation in embryonic and reprogrammed pluripotent stem cells, particularly in the role of microRNAs in this process. The lab is also working on the development of mesenchymal cells from pluripotent stem cells, as well as in the production of exosomes from these cell population.