



Ricardo De Azevedo Pereira

Affiliate, Neurosurgery

Bio

BIO

Ricardo Azevedo-Pereira has a B.S. in Biological Sciences and a Masters in Parasitology with focus on immunology and protein purification of Leishmania protozoan. He received his PhD at the Federal University of Rio de Janeiro where he investigated the role of cysteine proteases in differentiation of embryonic stem cells into neural cells. Additionally, he established a protocol to isolate human neural stem cells from adult patient with refractory temporal lobe epilepsy. During his PhD, he received a fellowship as visiting scholar to study the differentiation of human embryonic stem cells and iPS cells into photoreceptors cells at University of Washington, Seattle, under supervision of Dr. Thomas Reh. During his postdoc at Stanford in the Department of Dermatology, he investigated the mechanisms of hair follicle stem cells activation and hair growth by subcutaneous injection of laminin 511. At the Steinberg lab, he is now applying Translating Ribosome Affinity Purification (TRAP), RNA sequencing and bioinformatic approaches to study the mechanism underlying stroke recovery after human neural stem cells transplantation. As a Research Scientist, he is involved in several projects including: neural stem cells secretome and brain plasticity by expression of perineuronal nets in different cortical layers in stroke models.