

Postdoctoral positions available for modeling neurodegenerative diseases using induced pluripotent stem cells (iPSCs)

A postdoctoral position is available immediately in the laboratory of Dr. Claudio Soto (<https://med.uth.edu/neurology/faculty/claudio-soto/>) located in the McGovern Medical School at the University of Texas Health Science Center in Houston, TX. Salary and benefits will be in accordance with the NIH salary scale for the FY 2017 (<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-16-131.html>).

Position Description:

We study the molecular basis of degenerative diseases associated with misfolding and accumulation of proteins, particularly focusing in Alzheimer's, Parkinson's and prion-related disorders. We are interested in modeling these diseases in neurons and 3D cerebral organoids derived from patients' own iPSCs. We are searching for motivated and ambitious postdoctoral fellow, who can work independently to extend our current research in this area. The candidate will have the opportunity to grow independently and get involved in other exciting projects, including developments of chimeric mouse models with human neurons, and glial cells; development of stem cell based therapies for degenerative disease and brain regeneration studies. Our lab has maintained funding to support an average of 25 members for the last 15 years. We strongly value creativity and courage to question existing knowledge. Collegiality and team spirit of the lab members provide an environment that promotes the sharing of ideas and expertise, which are values that we look for in a prospective postdoctoral candidate.

Required qualifications:

The ideal candidate should have a PhD degree in research directly related to stem cell technologies, including generation and characterization of iPSCs and differentiation into neuronal cells. Working experience with cerebral organoids is a plus, as well as experience in in vitro fertilization, blastocyst injection and production of chimeric mice.

Application Requirement:

1. An updated Curriculum Vitae, preferably in the current NIH Biosketch format.
2. The names of 3 referees, who can attest to your scientific/intellectual achievements and your collegiality.

Please submit applications to: Gloria Galvan at Gloria.Galvan@uth.tmc.edu