



Themistoklis Tsarouchas

Postdoctoral Scholar, Psychiatry

Bio

BIO

Themis completed his PhD at the Centre for Discovery Brain Sciences of the University of Edinburgh in Scotland under Prof Catherina Becker, with focus on the contribution of the innate immune system during regeneration of the zebrafish spinal cord. As a postdoctoral researcher with Prof Anna Williams at the Centre for Regenerative Medicine in Edinburgh he worked on the molecular mechanisms that regulate the differentiation and functional maturation of human oligodendrocytes. Over the last few years, he worked on several projects focused on the identification of genes that regulate the axonal regeneration of spinal cord after injury and the differentiation of human oligodendrocyte progenitor cells into myelin producing oligodendrocytes. As a member in the Gibson lab, Themis aims to identify molecular regulators of the circadian clock and how tuning the circadian system affects the maturation and function of oligodendrocytes in health and disease.

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

STANFORD ADVISORS

- Erin Gibson, Postdoctoral Faculty Sponsor