Postdoctoral Research Fellow

Center of Stem Cell and Regenerative Medicine in the Brown Foundation Institute of Molecular Medicine at the University of Texas Health Science Center at Houston has postdoctoral research position developing tissue engineering approaches for spinal cord and traumatic brain injury in collaboration with the Vivian L. Smith Department of Neurosurgery at University of Texas Health Science Center at Houston. The Smith Callahan Laboratory aims to develop advanced hybrid systems for spinal cord and brain tissue engineering through studying the effect of cell-material interactions on cellular differentiation and tissue formation utilizing combinatorial methods, cell sources for tissue engineering applications and scaffold/polymer development. Most projects are interdisciplinary, which creates a dynamic and interactive environment between group members. Qualified candidates should have a doctoral degree, strong background and good first-author publications in tissue engineering, stem cell culture, polymer synthesis or scaffold fabrication. Synthetic matrix preparation and stem cell culture will be required in this position. The postdoctoral researchers are expected to have strong work ethic, high self-motivation, critical thinking abilities, and excellent organizational and communication skills.

For those interested, please send a CV and contact information of three references to Dr. Laura Smith Callahan at email at: laura.a.smithcallahan@uth.tmc.edu.

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