

Postdoctoral Position in Experimental Model of Subarachnoid Hemorrhage

The laboratory of Dr. Devin McBride in the Department of Neurosurgery at the University of Texas Health Science Center at Houston is seeking an enthusiastic postdoctoral fellow to perform basic and translational science in the field of cerebrovascular disease. The laboratory currently has several ongoing projects understanding and preventing delayed injury mechanisms following subarachnoid hemorrhage. Our research utilizes molecular biology, imaging (including in vivo two photon), and functional testing to examine SAH pathophysiology and develop novel therapies.

The major interests in the lab are: (1) to elucidate the roles of microthrombi and vasospasm in delayed cerebral ischemia post-SAH, and (2) identify therapeutic targets within the signaling pathways involved in delayed cerebral ischemia. Projects rely on the use of molecular biology, cell culture, imaging, and in vivo mouse models of subarachnoid hemorrhage.

Qualifications: Interested applicants should be highly qualified and have a Ph.D. degree with a strong background in neuroscience, and preferably cerebrovascular disease/stroke. Prior experience with Western blot, PCR, and immunohistochemistry is sought. Prior publication in internationally recognized journals is required and candidates should be fluent in spoken and written English. Experience with animal models of brain injury (specifically stroke) are desired. Experience with microRNAs is a plus.

Postdoctoral Trainees will work with the PI to create individual development plans and participate in training activities at UTHealth (<https://www.uth.tmc.edu/postdocs/>). PI will work with the trainee to design new projects and develop projects into grant ideas.

To apply: Please send a brief description of research experience and interests, a curriculum vitae, and contact information for three references in a single PDF file to Devin.W.McBride@uth.tmc.edu

The University of Health Science Center at Houston is an EEO/AA Employer. M/F/D/V. This is a security sensitive position and thereby subject to Education Code §51.215. A background check will be required for the final candidate.

Job Types: Full-time, Contract

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