Neurosurgery-Cerebrovascular Biology

A postdoctoral position is available immediately to study the development and maintenance of blood-brain barrier (BBB) in the CNS endothelial cells in the Department of Neurosurgery, University of Texas Health Science Center, Houston, Texas.

The blood-brain barrier protects the brain from circulating toxins and foreign bodies. Compromise in BBB integrity is reported in several neurological diseases including stroke, traumatic brain injury, subarachnoid hemorrhage, and neurodegenerative diseases. We have been using various epigenetic, molecular, transgenic and gene targeting approaches to study the BBB gene regulation in CNS endothelial cells and target this regulatory mechanism to restore BBB.

NIH scale salary and excellent work environment are offered. Self-motivated individuals with a Ph.D. degree in any area of biomedical sciences and especially those who are skilled in epigenetic, molecular biology and animal experience are encouraged to apply. Please send CV and names of three references to Peeyush.K.ThankamaniPandit@uth.tmc.edu

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