

Postdoctoral Fellow Position

University of Texas Medical School at Houston

Neuronal plasticity, pain, injury

A postdoctoral fellow position is available to investigate neuronal mechanisms important for persistent pain following spinal cord injury. Candidates with experience in patch clamp or intracellular recording methods are preferred. Experience in neuropharmacology, neuronal cell culture, spinal cord injury, or behavioral pain testing would also be useful. Investigations center on newly discovered long-term changes in excitability of nociceptive dorsal root ganglion neurons caused by spinal cord injury in rats, and their likely contributions to chronic hyperalgesia, allodynia, and spontaneous pain. The applicant would join a laboratory and department that is initiating a concerted new effort to define fundamental mechanisms underlying normal and pathological responses of the nervous system to injury and inflammation. Send curriculum vitae and a statement of research interests to Dr. Edgar T. Walters, Department of Integrative Biology and Pharmacology, University of Texas Medical School at Houston, 6431 Fannin St, TX 77030, E-mail: edgar.t.walters@uth.tmc.edu.

To submit to ScienceCareers.org
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Postdoctoral Fellow Position
Neuronal plasticity, Injury, Pain
University of Texas Medical School at Houston

A position is available to study neuronal mechanisms underlying persistent neuropathic pain following spinal cord injury. Candidates should have experience in whole cell patch clamp or intracellular recording. Experience in neuropharmacology, neuronal cell culture, knockdown of protein expression, or behavioral testing is also useful. Investigations center on newly discovered long-term changes in excitability of DRG neurons caused by spinal cord injury, and their contributions to chronic hyperalgesia, allodynia, and spontaneous pain. Join a laboratory and department that are initiating an exciting new effort to define fundamental, clinically important mechanisms involved in nervous system injury and inflammation. Send CV and statement of research interests to Dr. Edgar T. Walters, Dept. of Integrative Biology and Pharmacology, University of Texas Medical School at Houston, 6431 Fannin St, TX 77030, E-mail: edgar.t.walters@uth.tmc.edu.