

Wright State University
Boonshoft School of Medicine
Department of Pharmacology and Toxicology
Department of Neuroscience, Cell Biology & Physiology
Comprehensive Neuroscience Center

William D. Willis, M.D., Ph.D.

Professor of Neuroscience and Cell Biology
Cecil H. and Ida M. Green Distinguished Chair in Neuroscience
University of Texas Medical Branch

“Dorsal Root Reflexes,
Neurogenic Inflammation and Pain”

Monday, September 17, 2007

12:00p.m. Wright State University, E156 Student Union



Professor William D. Willis, one of the founders of modern neuroscience, is a world leader in the field of sensory neurobiology and has made seminal contributions to our understanding of pain mechanisms. Early in his scientific career, together with Nobel Laureate Sir John Eccles, he produced pioneering work leading to our current understanding of presynaptic inhibition in the spinal cord. He has described various signal transduction pathways that account for the allodynia and hyperalgesia that occur after injury and inflammation. In this Special Lecture Dr. Willis will talk about his current research on the role played by dorsal root reflexes in neurogenic peripheral inflammation.

Dr. Willis is Professor of Neuroscience and Cell Biology at University of Texas Medical Branch (UTMB), Galveston, and holds the Cecil H. and Ida M. Green Distinguished Chair in Neuroscience. He has been Director of the Marine Biomedical Institute and Chair of the Department of Anatomy and Neurosciences at UTMB. He has been President of the Society for Neuroscience, the Association of Neuroscience Departments and Programs, the Cajal Club and the American Pain Society. He has served as Chief Editor of the Journal of Neurophysiology and the Journal of Neuroscience. He has published over 400 scientific papers and a number of books on pain, sensory-motor integration and other aspects of neuroscience. He has received numerous prizes, and is one of the most cited scientific authors in Biomedicine.

This special lecture is open to the general public.
For more information, contact the
Department of Pharmacology and Toxicology
(937) 775-2168 or pharmtox@wright.edu.

