

CENTER FOR EXCELLENCE in the  
**NEUROSCIENCES**



**S E M I N A R   S E R I E S**

**Pain control by miRNAs  
via a non-canonical  
pathway**

**Ru-Rong Ji, Ph.D.**

*Professor of Anesthesiology and Neurobiology*

**Chief of Pain Research**

**Duke University Medical Center**

**Monday, August 10<sup>th</sup> 2015**

**12:00-1:00 p.m.**

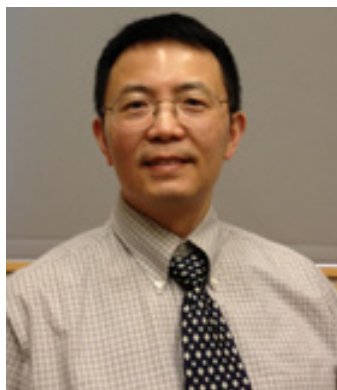
**Alfond 304**

**UNE, Biddeford Campus**

*Lunch will be provided*

Hosted by: Ling Cao, Ph.D.

Sponsored by: CEN, COBRE, and the COM Biomedical Sciences  
Department



Dr. Ru-Rong Ji is a professor of Anesthesiology and Neurobiology, Chief of Pain Research at the Duke University Medical Center. He has been named as a Distinguished Professor of Duke University. Dr. Ji received his B.S. in Biology at Nanjing University in China and received his Ph.D. in Neurobiology from the Shanghai Institute of Physiology in 1990. He completed postdoctoral training at Beijing Medical University in China, the Karolinska Institute in Sweden, and John Hopkins Medical School in Maryland. Dr. Ji is an internationally renowned pain researcher. The main goal of his laboratory is to identify novel molecular and cellular mechanisms that underlie the genesis of chronic pain. He is also exploring the mechanisms underlying the resolution of acute pain, as many of these mechanisms are responsible for the transition from acute pain to chronic pain. In addition, Dr. Ji is investigating the distinct molecular mechanisms of pain and itch. The major areas of his research include Pathogenesis of pain via neural-glia interactions, Resolution of pain by anti-inflammatory and pro-resolution mediators, and Molecular mechanisms of itch. In his research endeavor, Dr. Ji employs a multidisciplinary approach that covers in vitro, ex vivo, and in vivo electrophysiology, neuronal and glial cell biology, transgenic mice, and behavior. Dr. Ji has numerous publications in many premiere science journals including Nature Neuroscience, Nature Medicine, and Neuron.

**Center for Excellence in the Neurosciences**

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