



中国科学院生物物理研究所

## 贝时璋讲座

### miRNAs as extracellular signal molecules for pain

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主持人：王晋辉 研究员

#### 报告人简介

**Ru-Rong Ji, Ph.D.**, is a Distinguished Professor of Duke University. He is also a professor of Anesthesiology and Neurobiology of Duke University Medical Center and serves as Chief of Pain Research in the Department of Anesthesiology. He previously was an Associate Professor at Harvard Medical School, before joining the Duke faculty in 2012. His research focuses on molecular and cellular mechanisms of chronic pain, such as inflammatory pain, neuropathic pain, and cancer pain.



He is internationally recognized for his contributions to demonstrating critical roles of MAP kinase signaling pathways, glial cells, and neuroinflammation in the pathogenesis of chronic pain. His recent work has demonstrated powerful antinociceptive actions of pro-resolution lipid mediators (e.g., resolvins). Dr. Ji lectures internationally and reviews papers for numerous top medical and neuroscience journals. He also serves on National Institutes of Health review panels and the editorial boards of Pain, Anesthesiology, Neuroscience, and Neuroscience Bulletin. Dr. Ji earned a Ph.D. in neurobiology at Shanghai Institute of Physiology and completed postdoctoral trainings at Peking (Beijing) University Medical School, Karolinska Institute, and Johns Hopkins University School of Medicine. He later joined Massachusetts General Hospital as an instructor.