



THE
NEUROSCIENCE INSTITUTE

UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER

**NEUROSCIENCE SEMINAR SERIES
SCHEDULE**

SPRING 2010

Astrid A. Prinz, Ph.D.

January 26, 2010

Host: Rob Williams

Assistant Professor

Department of Biology

Emory University

Title: “Mechanisms of Neuronal Robustness”

Gordon M.G. Shepherd, M.D., Ph.D.

February 2, 2010

Host: Robert Foehring

Assistant Professor

Department of Physiology

Feinberg School of Medicine

Northwestern University

Title: “Microcircuit Organization of Mouse Motor Cortex”

Stephen C. Fowler, Ph.D.

February 23, 2010

Host: Robert Waters

Professor

Department of Pharmacology

Senior Scientist

Life Span Institute

University of Kansas

Title: "Force Plate Methods for Measuring Rodent Dynamic Gait Abnormalities Induced by Neurological Disease or Drugs"

K.J.S. Anand, MBBS, D.Phil.

March 2, 2010

Professor of Pediatrics, Anesthesiology, & Neurobiology
Chair for Critical Care Medicine
St. Jude Children's Research Hospital
Director of Critical Care
Le Bonheur Children's Medical Center
Division Chief, Pediatric Critical Care Medicine
UTHSC

Title: "Pain, Plasticity, and Prematurity: How do NICU Experiences Alter the Developing Brain?"

Robert C. Foehring, Ph.D.

March 9, 2010

Professor
Department of Anatomy & Neurobiology
UTHSC

Title: "An Inordinate Fondness for Potassium Channels: Functional Roles of KV Channels in Neocortical Pyramidal Cells"

Kazuko Sakata, Ph.D.

March 23, 2010

Assistant Professor
Department of Pharmacology
UTHSC

Title: "The Role of Promoter-Selective Gene Regulation of BDNF in Depression"

Stephen F. Traynelis, Ph.D.

March 30, 2010

Host: Steven Tavalin
Professor
Department of Pharmacology
Emory University

Title: "Control of Glutamate Receptor Function by Phosphorylation"

Barry S. Winkler, Ph.D.

April 6, 2010

Host: Tonia Rex
Professor of Biomedical Sciences
Eye Research Institute

Oakland University

Title: "Photoreceptor Cell Vulnerability and Glutathione Status"

Yehoash Raphael, Ph.D.

April 13, 2010

Host: Jian Zuo

R. Jamison and Betty Williams Professor

Department of Otolaryngology

Kresge Hearing Research Institute

University of Michigan

Title: "Use of Developmental Genes for Inner Ear Therapy"

William J. Spain, M.D.

April 20, 2010

Host: Detlef Heck

Professor of Neurology

University of Washington

Title: "Adaptation of Spike Time Precision: Implications for Sound Localization"

Hitoshi Morikawa, Ph.D.

April 27, 2010

Host: William Armstrong

Assistant Professor

Section of Neurobiology

College of Natural Sciences

University of Texas at Austin

Title: "Dopamine Neuron Plasticity in Pavlovian Learning and Addiction"

James Putney Jr., Ph.D.

May 4, 2010

Host: Jonathan Jaggar

Principal Investigator

Calcium Regulation Group

Title: "Function and Regulation of Store-Operated Calcium Channels"

Ella Bossy-Wetzel, Ph.D.

May 11, 2010

Host: Fu-Ming Zhou

Associate Professor

Burnett School of Biomedical Sciences

University of Central Florida

Title: TBA

NEUROSCIENCE SYMPOSIUM

May 19, 2010

“Neural Protection in Neurodegenerative Disease”

Speakers:

Ira Shoulson, M.D.

Professor and Louis C. Lasagna Professorship in Experimental
Therapeutics

Departments of Neurology and Pharmacology and Physiology
University of Rochester

Joachim Herz, M.D.

Professor and Thomas O. Hicks Family Distinguished Chair in Alzheimer's
Disease Research

Department of Biophysics and Molecular Genetics
University of Texas Southwestern Medical School

Additional speakers to be announced