



THE  
**NEUROSCIENCE INSTITUTE**  
UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER

## **NEUROSCIENCE SEMINAR SERIES SCHEDULE**

### **Fall 2018**

Thirumalini Vaithianathan, Ph.D.  
Assistant Professor  
Department of Pharmacology  
UTHSC

September 18, 2018

Title: Synaptic Vesicle and Calcium Dynamics at Single Presynaptic Active Zones

Jiang Jianxiong, Ph.D.  
Associate Professor  
Department of Pharmaceutical Sciences  
UTHSC

September 25, 2018

Title: Inflammation in Epilepsy and Glioma: the cart or the horse?

Sally Ann Frautschy, Ph.D.  
Professor, Department of Medicine & Neurology, UCLA  
Research Scientist, VAMC  
Host: Dr. Mike McDonald

October 2, 2018

Title: Transgenic rat model of Alzheimer's to study mixed dementia and role of Eukaryotic Initiation Factor 2 in pathogenesis

Robert Williams, Ph.D.  
Professor and Chair  
Department of Genetics, Genomics, & Informatics  
UTHSC

October 9, 2018

Title: Systems Neurogenetics: Resources, Code, Results

Christiane Linster, Ph.D.

October 16, 2018

Professor

Department of Neurobiology & Behavior

Cornell University

Host: Dr. Max Fletcher

Title: A model for cholinergic modulation of olfactory processing: computational, behavioral and electrophysiological studies

Bernhard Luscher, Ph.D.

October 30, 2018

Professor

Department of Biology, Biochemistry & Molecular Biology, & Psychiatry

Penn State

Host: Dr. Byron Jones

Title: Modeling depressive and antidepressive brain states: from stress resilience to treatment resistance

Claus Hilgetag, Ph.D.

November 13, 2018

Adjunct Associate Professor, Department of Health Sciences, Boston University

Associate Professor, Department of Neuroscience, School of Engineering & Science,

Jacobs University, Germany

Host: Dr. Jack Tsao

Title: TBA

Larry Trussell, Ph.D.

November 27, 2018

Professor

Department of Otolaryngology, Neuroscience, Physiology & Pharmacology, &

Molecular & Cellular Biosciences

Oregon Health & Science University

Host: Dr. Robert Foehring

Title: Radical transformation of synaptic signals at a cerebellar synapse

Maria Grant, M.D.

December 4, 2018

Professor and Endowed Chair  
Department of Ophthalmology  
University of Alabama, Birmingham

Title: The gut-retinal axis: finding savory solutions for prevention of diabetic retinopathy

Kwanghun Chung, Ph.D.

December 11, 2018

Assistant Professor  
Department of Chemical Engineering  
Institute of Medical Engineering & Science  
MIT  
Host: Dr. William Armstrong

Title: TBA