

2015-2016 Seminars



Seminar Series

All regular seminars are held on Thursdays at 1:30pm, Bevill Building, room 170

Director:

Vlad Parpura, MD, PhD
205-996-7369
vlad@uab.edu



Coordinator:

Jan Phillips
205-934-2452
jancphil@uab.edu



[NBL 703 Seminar Syllabus](#)

07-23-2015

Hongjun Song, Ph.D.



Professor

Johns Hopkins, School of Medicine

CV

"Plasticity in the adult mammalian brain: neurogenesis and neuroepigenetics"

Host: David Sweatt, Ph.D.

09-10-2015

CNET Seminar

co-sponsored by the Dept. of Neurobiology

Todd Eliot Golde, MD, PhD



Professor

University of Florida

CV

"Novel Insights into the Role of Innate Immunity in Neurodegenerative Disorders"

Host: Andrew West, PhD

NBL 703 Credit

09-17-2015

Dena Dubal, MD, PhD



Assistant Professor
University of California, San Francisco

CV

"Longevity and the Aging Brain"

Host: Gwen King, PhD

NBL 703 Credit

<http://memory.ucsf.edu/ourcenter/staff/ddubal>

10-23-2015

Robert Zorec, Ph.D.



**Different day and time:
Shelby Building #1015
Friday, 11:00am**

Professor
University of Ljubljana, Slovenia

CV

"Why large and small exocytotic vesicles exhibit different fusion probability? Lessons from endocrine and gliocrine cells"

Host: Vladimir Parpura, MD, PhD

NBL 703 Credit

McKnight Symposium

"Memory and Aging: Novel Mechanisms and Therapeutic Approaches"

October 28, 2015 8:30-11:30

Host: David Sweatt, Ph.D.

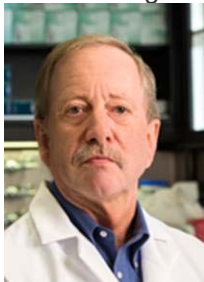
Special location: Shelby Building 1015

Speakers are:

Steve Austad, Ph.D.

Department of Biology

"A Novel Organism and Novel Mechanism for the Potential Prevention of Neurodegeneration"



Karlene Ball, Ph.D.

Department of Psychology

"Interventions to Reduce Crash Risk in Older Drivers"



Jeremy Day, Ph.D.

Department of Neurobiology

"Neuroepigenetic regulation of learning and memory"



John Hablitz, Ph.D.

Department of Neurobiology

"Homeostatic plasticity, intrinsic excitability and aging"



Andrew Kennedy, Ph.D.

Department of Neurobiology

"Epigenetic-based Neurotherapeutics"



Lori McMahon, Ph.D.

Department of Cell, Development & Integrative Biology

"Estradiol replacement and the window of opportunity for hippocampal function"



Erik Roberson, MD,Ph.D.

Department of Neurology

"Tau and Hyperexcitability in Aging-related Cognitive Impairment"



10-29-2015

CNET / Neurobiology Seminar



Aaron Haeusler, Ph.D.

Post Doc

Johns Hopkins University

[CV](#)

"Disentangling the molecular mechanisms of C9ORF72-linked disease"

Host: Erik Roberson, MD, PhD

NBL 703 Credit

11-05-2015

[Christopher Gregg, PhD](#)



Assistant Professor
University of Utah

CV

"Maternal and Paternal Gene Networks in the Brain"

Host: Jeremy Day, PhD

NBL 703 Credit

<http://www.neuro.utah.edu/people/faculty/gregg.html>

11-9-2015

Prakash Kara, PhD



Different day and time:

Shelby Building #1015

Monday, 11:00am

Associate Professor

Medical University of South Carolina

CV

"Bridging macro-and micro scales of brain function with all optical physiology"

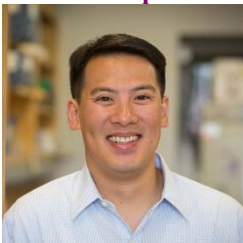
Host: Paul Gamlin, Ph.D.

NBL 703 Credit

11-12-2015

Andrew Nguyen

CNET co sponsored by Neurobiology



Research Associate

Harvard University

CV

"Progranulin: at the interface of neurodegenerative and metabolic diseases"

Host: Erik Roberson, MD, Ph.D.

NBL 703 Credit

11-19-2015

Anna Orr, Ph.D.

CNET co sponsored by Neurobiology



Staff Scientist at the Gladstone Institutes, San Francisco

CV

"Roles of Glial G Protein-coupled Receptors in Cellular and Cognitive Functions"

Host: Erik Roberson, MD, Ph.D.

NBL 703 Credit

12-3-2015

Neurobiology/CNC seminar

Patricio O'Donnell, M.D., Ph.D.



Senior Research Fellow
Pfizer

CV

"Novel pharmacological tools to enhance cortical interneuron function"

Host: Lucas Pozzo-Miller, Ph.D.

NBL 703 Credit

1-28-2016

CNET co sponsored by Neurobiology

Laura Ranum, PhD



Professor
University of Florida

CV

"TBA"

Host: Andrew West, PhD/Erik Roberson, MD, PhD

NBL 703 Credit

<http://neurogenetics.med.ufl.edu/faculty/dr-laura-p-w-ranum/>

2-25-2016

Garret Stuber, Ph.D.



Assistant Professor
University of North Carolina, Chapel Hill

CV

"Dissecting the Neural Circuits That Mediate Motivated Behaviors"

Host: Jeremy Day, Ph.D.

NBL 703 Credit

www.stuUniversityberlab.org

3-10-2016

Charles Gersbach, Ph.D.



Associate Professor
Duke University

CV

"*Genome and Epigenome Editing for Gene Therapy, Programming Cell Phenotype and Functional Genomics*"

Host: Jeremy Day, Ph.D.

NBL 703 Credit

<http://bme.duke.edu/faculty/charles-gersbach>

3-17-2016

International Symposium

"Physiology and pathophysiology of neuroglia"

Host: Vladimir Parpura, MD, Ph.D.
Special location: Shelby Building 1015
NBL 703 Credit



Arne Schousboe, Ph.D.

Professor

University of Copenhagen, Denmark

[CV](#)

"Astrocytes in GABA homeostasis and epilepsy"

<http://drug.ku.dk/employees/?pure=en/persons/49282>



Nina Vardjan, Ph.D.

Assistant Professor

University of Ljubljana, Slovenia

CV

"Beta-adrenergic activation: modulation of astrocyte excitability, morphology and metabolism"



Robert Zorec, Ph.D.

Professor

University of Ljubljana, Slovenia

CV

"Astrocytic vesicle dynamics in Alzheimer's disease"



Vedrana Montana, Ph.D.

Associate Professor

University of Rijeka, Croatia

UAB

CV

"Metabolic regulation of vesicular glutamate release from cultured astrocytes"



Vidar Gundersen, MD, Ph.D.

Professor

University of Oslo, Norway

CV

"Microglia - neuron contacts in the brain"



Linda H. Bergersen, Ph.D.

Professor

University of Oslo, Norway

CV

"Lactate transport and receptor action in the brain: rescue of cognitive decline"



Helle S. Waagepetersen, Ph.D.

Professor

University of Copenhagen

CV

"Regulation of astrocyte energy metabolism by AMPK and Ca²⁺"

International Symposium co-sponsored with

Center for Glial Biology in Medicine
Civitan International Research Center
Comprehensive Neuroscience Center
Nutrition Obesity Research Center
Springer Publications
Morgan & Claypool Publishers
Center for Structural Biology
Center for Neurodegeneration and Experimental Therapeutics

University of Alabama at Birmingham
Neurobiology Springer
Center for Structural Biology
Center for Neurodegeneration and Experimental Therapeutics
Morgan & Claypool Publishers
Center for Glial Biology in Medicine
Civitan International Research Center
Comprehensive Neuroscience Center
Nutrition Obesity Research Center

March 17, 2016 9:00 a.m. SHEL #1015
UAB International Symposium
"Physiology and pathophysiology of neuroglia"

9:00	Opening remarks (Vlad Parpura)	
9:10-9:55	Plenary Lecture: Arne Schouboe (arne.schouboe@sund.ku.dk) University of Copenhagen, Denmark "Astrocytes in GABA homeostasis and epilepsy" Discussion	
9:55-10:10		
10:10-10:45	Vedrana Montana (vedranam@bitech.uniri.hr) University of Rijeka, Croatia "Metabolic regulation of vesicular glutamate release from cultured astrocytes" Discussion	
10:45-10:55		
10:55-11:15	Break	
11:15-11:50	Helle S. Waagepetersen (helle.waagepetersen@sund.ku.dk) University of Copenhagen, Denmark "Regulation of astrocyte energy metabolism by AMPK and Ca ²⁺ " Discussion	
11:50-12:00		
12:00-1:00	Lunch with the panel of speakers (Shelby 915)	
1:10-1:45	Robert Zorec (robert.zorec@uni-lj.si) University of Ljubljana, Slovenia "Astrocytic vesicle dynamics in Alzheimer's disease" Discussion	
1:45-1:55		
1:55-2:30	Nina Vardjan (nina.vardjan@uni-lj.si) University of Ljubljana, Slovenia "Beta-adrenergic activation: modulation of astrocyte excitability, morphology and metabolism" Discussion	
2:30-2:40		
2:40-3:00	Break	
3:00-3:35	Linda H. Bergersen (l.h.bergersen@odont.uio.no) University of Oslo, Norway "Lactate transport and receptor action in the brain: rescue of cognitive decline" Discussion	
3:35-3:45		
3:45-4:20	Vidar Gundersen (vidar.gundersen@medisin.uio.no) University of Oslo, Norway "Microglia - neuron contacts in the brain" Discussion	
4:20-4:30		
4:30-4:35	Closing remarks (Vlad Parpura)	

No registration required

THE UNIVERSITY OF ALABAMA AT BIRMINGHAM
Knowledge that will change your world

Jan Phillips, Coordinator, 4-2452, jancphi@uab.edu
Vlad Parpura, M.D., Ph.D., Organizer, 6-7369, vlad@uab.edu

April 21-22, 2016

**Civitan International / Simpson-Ramsay
Neurodevelopment Symposium**

**Alumni House
1301 10th Avenue South**

Registration at www.uab.edu/medicine/circ

Thursday 9:00-5:00

Friday 9:00-noon



Christopher, Cowan, Ph.D.

Harvard University

"Regulation of cortical synapse balance in intellectual disabilities and autism"



Brian Dias, Ph.D.

Emory University

"Ancestral imprints on descendant neurobiology"



Elisabeth Dykens, Ph.D.

Vanderbilt University

"Reducing stress in parents of children with developmental disabilities"



Marcel Just, Ph.D.

Carnegie Mellon University

"Autism as a neural systems disorder: A theory of frontal-posterior underconnectivity"



Ian Maze, Ph.D.

Icahn School of Medicine at Mount Sinai

"Histone monoaminylation in the developing and adult brain: novel mechanisms of 'epigenetic' plasticity"



AJ Robinson, Ph.D.

Mississippi State University

"Transcriptional mechanisms of normal and pathological hippocampal function"



Stephan Sanders, Ph.D.

University of California, San Francisco

"From genes to etiology in autism"

May 3, 2016

MacKenzie Howard, MD *Special Day and Time:

Tuesday 5/3/16 Shelby 1015 12:00 pm



Department of Neurological Surgery

"Therapeutic interneuron transplantation drives neural plasticity"

University of California, San Francisco

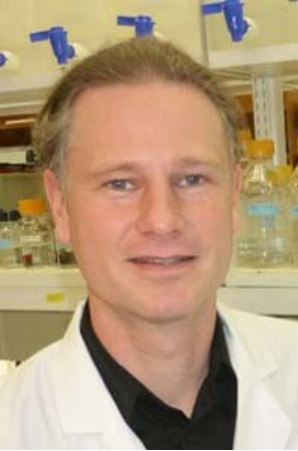
[NBL 703 Credit](#)

May 4, 2016

Florian Plattner, Ph.D.

***Special Day and Time:**

Wednesday 5/4/16 Shelby 1015 2:00 pm



UT Southwestern

" Intracellular signaling mechanisms underlying memory enhancement"

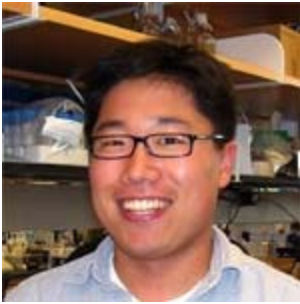
CV

Host: Farah Lubin, Ph.D.

[NBL 703 Credit](#)

May 11, 2016

Jason J. Yi, Ph.D.



***Special Day and Time:**

Wednesday 5/11/16 Shelby 1015 2:00 pm

The University of North Carolina, Chapel Hill

"Tracing a molecular pathway to autism"

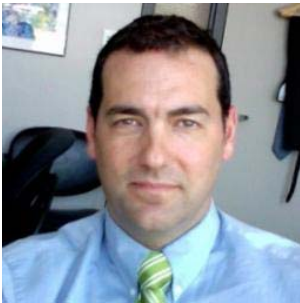
[CV](#)

Host: Farah Lubin, Ph.D.

[NBL 703 Credit](#)

May 18, 2016

Aaron McGee, Ph.D.



***Special Day and Time:**

Wednesday 5/18/16 Shelby 1015 2:00 pm

University of Southern California, CHLA

"Genetic regulation of critical periods for neural plasticity"

[CV](#)

Host: Farah Lubin, Ph.D.