Neurobiology Seminar Series

Current research topics in neurobiology presented by visiting scholars and campus faculty.

Regular seminars are held on Thursdays at 1:30 pm in Shelby 1015.

Course Director
Vlad Parpura, M.D., Ph.D.
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NBL-703: Course is available on Canvas.
Seminars that are part of this course are marked NBL703 credit. | Download Syllabus

2017-2018 Schedule

7-10-17 | NBL 703 Credit
Khaled Machaca, PhD
Professor
Weill Cornell Medicine-Qatar
"Ca2+ teleporting: Ca2+ signaling at the ER-Plasma membrane interphase through SOCE"
Host: Vlad Parpura, MD, PhD
**Fu-Ming Zhou, MD, PhD**
Professor
University of Tennessee Health Science Center
"Dopamine, Ion channels, Basal ganglia and Parkinson's disease"
**Host:** John Hablitz, PhD
NBL 703 Credit
https://uthsc.edu/neuroscience/faculty/F_Zhou.php

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**Karel Svoboda, PhD**
Group Leader
Howard Hughes Medical Institute
Different date, Tuesday, Oct. 3, 2017  SHEL 1:30
"The neural circuits underlying short-term memory"
**Host:** Mary Phillips/Kavitha Abiraman
NBL 703 Credit
http://www.hhmi.org/scientists/karel-svoboda
Ljubisa Vitkovic, PhD
Program Officer (ret.)
National Institute of Child Health and Human Development
"How to get an NIH Grant"
Host: Vlad Parpura, MD, PhD
NBL 703 Credit

Rita Cowell, PhD
Fellow/Chair of Neuroscience
Southern Research
"Southern Research and the Drug Discovery and Development Pipeline for Neurodegenerative Disorders"
Host: Vlad Parpura, MD, PhD
NBL 703 Credit
http://www.southernresearch.org/about/southern-research-directory/rita-cowell-ph-d/
Nikos Tapinos, MD, PhD
Associate Professor
Brown University
"Role of an Egr2 long antisense RNA in nerve injury response"
Host: Scott Wilson, PhD
NBL 703 Credit
http://www.tapinoslab.com/2014/11/24/7ivm6z6pq0e1vkk0uvwveom2m77r55

Babette Fuss, PhD
Professor
Virginia Commonwealth University
"Extracellular cues as regulators of oligodendrocyte differentiation and (re)myelination"
Host: Vlad Parpura, MD, PhD
NBL 703 Credit
http://www.people.vcu.edu/~bfuss/Welcome.html
Giorgio Ascoli, PhD
Krasnow Institute for Advanced Study
"A periodic table of (hippocampal) neurons"
**Host:** Linda Wadiche, PhD
NBL 703 Credit
http://krasnow1.gmu.edu/cn3/ascoli/
**Book:** Trees of the Brain, Roots of the Mind

Michelle A. Basso, PhD
Professor
UCLA
"Cognition and Movement in Parkinson's Disease"
**Host:** Heather McGuire and Mia Heard
NBL 703 Credit
Nicholas Seyfried, PhD
Assistant Professor
Emory University
"Proteomics-driven Network Approaches for Biomarker Discovery in Alzheimer's Disease"
Host: Jeremy Herskowitz, PhD
NBL 703 Credit
https://winshipcancer.emory.edu/bios/faculty/seyfried-nicholas-t.html

Phil Popovich, Ph.D.
Professor
Ohio University
"Beyond the Injured Spinal Cord: Treating Spinal Cord Injury as a Systemic Disease"
Host: Heather McGuire and Mia Heard
NBL 703 Credit
Tara Tracy, PhD
Research Scientist
University of California, San Francisco
"Toxic tau in Alzheimer's disease: Pathogenic mechanisms underlying memory loss"
Host: Erik Roberson, MD, PhD

Craig M. Powell, MD, PhD
Professor
University of Texas, Southwestern Medical Center
"Genetic Models of Autism: Molecules to Potential Therapeutics"
Host: Heather McGuire and Mia Heard
Leonard Petrucelli, PhD
Professor/Chair
Mayo Clinic, Jacksonville, FL
“Mechanistic and Therapeutic Insights into FTD/ALS”
**Host:** Heather McGuire and Mia Heard
NBL 703 Credit

Cristin Gavin, PhD
Assistant Professor
UAB
“Building Brains”
**Host:** Lucas Pozzo-Miller, PhD
NBL 703 Credit
John Freeman, PhD
Professor
University of Iowa College of Liberal Arts & Sciences
"Neural Circuits Underlying Learning and Memory"
Host: Heather McGuire and Mia Heard
NBL 703 Credit

Kirsten Porter-Stransky, Ph.D.
Post-Doctoral Fellow
Emory University
"Catecholamine modulation of arousal"
Host: Lucas Pozzo-Miller, PhD
NBL 703 Credit
Andrew Arrant, PhD
Postdoctoral Fellows
UAB
"Therapeutic and Mechanistic Insights from a Progranulin-insufficient Mouse Model of Frontotemporal Dementia"
Host: Erik Roberson, MD, PhD
NBL 703 Credit

Michael Nichols, PhD
Associate Professor
University of Missouri - St. Louis
"Conformation matters in amyloid-β interactions with microglia"
Host: Vlad Parpura, MD, PhD
NBL 703 Credit
http://www.umsl.edu/chemistry/Faculty/nichols.html
Janine Kwapis, PhD
Postdoc
University of California, Irvine
Host: Erik Roberson, MD, PhD
NBL 703 Credit

Andres Buonanno, PhD
Senior Investigator
NIH
NICHD/DIR
"TBA"
Host: Lynn Dobrunz, PhD
NBL 703 Credit
Joseph Mazzulli, Ph.D.
Assistant Professor
Northwestern University, Feinberg School of Medicine
“Mechanisms of alpha-Synuclein Aggregation and Toxicity in Parkinson's Disease”
Host: Laura Volpicelli-Daley, Ph.D.
NBL 703 Credit
http://labs.feinberg.northwestern.edu/mazzulli/

X. William Yang, MD, PhD
Professor
UCLA Semel Institute
“Integrating Mouse Genetics and Systems Biology to Study Huntington's Disease and Alzheimer's Disease”
Host: Michelle Gray, PhD
NBL 703 Credit
Josh Dudman, PhD
Group Leader
HHMI Janelia Research Campus
"Basal ganglia circuits for the vigorous pursuit of reward"
Host: Jeremy Day, PhD
NBL 703 Credit
https://www.janelia.org/lab/dudman-lab

Karen L. Jones, PhD
Candidate for Powell Lab
University of California, Davis
"Understanding autism spectrum disorders through translational research"
Host: Neurobiology
NBL 703 Credit
Sami Barmada, MD, PhD
Assistant Professor
University of Michigan
"RNA destabilization in amyotrophic lateral sclerosis and frontotemporal dementia"
Host: Rita Cowell, PhD
NBL 703 Credit

Alexander Jackson, PhD
Assistant Professor
University of Connecticut, Storrs
"Cellular Taxonomy in the Lateral Hypothalamus"
Host: Jacques Wadiche, PhD
NBL 703 Credit
http://www.pnb.uconn.edu/person/alexander-jackson/
Mary Kritzer, PhD
Professor
Stony Brook University
"A tale of androgen’s effects on cognition and neural substrates of cognition in the rat brain"

Host: Robin Lester, PhD
NBL 703 Credit

https://medicine.stonybrookmedicine.edu/neurobiology/faculty/Kritzer