


2009-2010 Seminar




Director:

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Date	Speaker	Institution	Host	Title
9/10/2009	David E. Featherstone, Ph.D. Assoc. Professor  NBL703 Credit	University of Chicago	Vladimir Parpura, MD, PhD	<i>"Molecular mechanisms controlling glutamatergic synapse strength and behavior"</i>
9/17/2009	Joseph Ayers, Ph.D. Professor NBL 703 credit	Northeastern University	Vladimir Parpura, MD, PhD	<i>"Neurotechnology for Biomimetic Robots and Neurorehabilitation"</i>
10/1/2009	George Augustine, Ph.D. Professor	Duke University School of Medicine	Vladimir Parpura, MD, PhD	<i>"Synaptic biophotonics: Novel optogenetic methods for defining brain Circuitry"</i>

	 <p>NBL703 Credit</p>			
10/29/2009	<p>Dale Benos, Ph.D. Professor & Chair</p>  <p>NBL 703 Credit</p>	<p>University of Alabama at Birmingham</p>	Vladimir Parpura, Ph.D.	<p><i>"Plasticity of ENaC;ASIC"</i></p>
11/5/2009	<p>Robert Lipsky, Ph.D. Director</p>  <p>NBL 703 Credit</p>	<p>Inova Health System Inova Fairfax Hospital</p>	Farah Lubin, Ph.D.	<p><i>"Epigenetic regulation of gene expression: potential targets for therapeutic intervention in the CNS."</i></p>
11/12/2009	<p>Michael V. Sofroniew, M.D., Ph.D. Professor</p>	<p>University of California, Los Angeles</p>	<p>Michael Brenner, Ph.D. co-sponsored with the Center for Glial Biology in Medicine</p>	<p><i>"Molecular dissection of reactive astrogliosis and glial scar formation"</i></p>


	 <p>NBL 703 Credit</p>			
11/19/2009	<p>Lucas Pozzo-Miller, Ph.D. Assoc. Professor NBL 720 Credit</p>	<p>University of Alabama at Birmingham</p>	<p>David Sweatt, Ph.D.</p>	<p><i>"BDNF actions on both sides of synapses: TRPC channels, MeCP2 and the cellular neuropathology of Rett syndrome"</i></p>
12/3/2009	<p>Ricardo C. Araneda, Ph.D. Assistant Professor</p>  <p>NBL 703 Credit</p>	<p>University of Maryland</p>	<p>Lucas Pozzo-Miller, PH.D.</p>	<p><i>"Neuromodulation of inhibitory neurons in the olfactory bulb"</i></p>
12/9/2009	<p>Kelly Monk, Ph.D. Postdoctoral Fellow Department of Developmental Biology</p>	<p>Stanford University</p>	<p>Wednesday, December 9, 2009 3:00 p.m. BBRB 170</p>	<p><i>"Zebrafish Genetics Uncover New Regulators of Myelination"</i></p>
12/17/2009	<p>Robin Lester, Ph.D. Asso. Professor NBL 703 Credit</p>	<p>University of Alabama at Birmingham</p>	<p>David Sweatt, Ph.D.</p>	<p><i>"How I learned to stop worrying and love nicotine"</i></p>
1/7/2010	<p>Selva Baltan, M.D., Ph.D. Asst. Professor</p>	<p>University of Washington, Seattle</p>	<p>Harald Sontheimer, Ph.D. co-sponsored with CIRC & Center for Glial Biology in Medicine</p>	<p><i>"Oligodendrocyte injury following white matter ischemia "</i></p>

	 NBL 703 Credit			
1/14/2010	Craig Powell, M.D., Ph.D. Asst. Professor NBL 703 Credit	University of Texas Southwestern Medical Center	David Sweatt, Ph.D.	<i>"Animal Models of Autism: Molecular Mechanisms to Potential Therapies"</i>
1/21/2010	Scott Wilson, Ph.D. Asst. Professor NBL 703 Credit	University of Alabama at Birmingham	David Sweatt, Ph.D.	<i>"Different roles for the proteasome at central and peripheral nervous system synapses revealed by Usp14"</i>
1/28/2010	Kevin J. Staley, M.D. Professor  NBL 703 Credit	Harvard Medical School Massachusetts Gen Hosp	John Hablitz, Ph.D.	<i>"Neuronal ion transport, GABA-mediated synaptic signaling and seizure therapy "</i>
2/4/2010	Steven E. Petersen, Ph.D. Professor of Cognitive	Washington University St. Louis	Kristina Visscher, Ph.D.	<i>"Network analysis of large-scale brain organization and development"</i>

	<p>Neuroscience</p>  <p>NBL 703 Credit</p>			
2/11/2010	<p>Tallie Z. Baram, M.D., Ph.D. Professor NBL 703 Credit</p>	<p>University of California, Irvine</p>	<p>John Hablitz, Ph.D.</p>	<p><i>"How does the brain become epileptic? plasticity, epigenetics, ion channels"</i></p>
2/18/2010	<p>Shannon G. Matta, Ph.D. Assoc. Professor NBL 703 Credit</p>	<p>University of Tennessee Health Science Center</p>	<p>Robin Lester, Ph.D.</p>	<p><i>"Neuronal mechanisms underlying transgenerational use of nicotine and alcohol"</i></p>
2/25/2010	<p>Bruce Bean, Ph.D. Professor</p>  <p>NBL 703 Credit</p>	<p>Harvard Medical School Boston, Massachusetts</p>	<p>Jacques Wadiche, Ph.D.</p>	<p><i>"Treating pain through TRP channels"</i></p>
2/26/2010	<p>Zhuan Zhou, Ph.D. Professor and Senior Investigator</p>	<p>Institute of Molecular Med. Peking University Different day, time and place!!!</p>	<p>Vladimir Parpura, M.D., Ph.D. co-sponsored by: Atomic Force Microscopy & Nanotechnology Laboratories.</p>	<p><i>"Modulation of neurotransmitter release by Action potential codes in striatum in vivo"</i></p>

		Friday, Feb. 26th 11:00am Shelby #1015		
3/4/2010	Massimo Scanziani, Ph.D. Professor and Vice Chair NBL 703 Credit	University of California, San Diego	Neurobiology Graduate Students	<i>"Excitation and Inhibition in Cortical Space"</i>
3/12/2010	Robert Zorec, Ph.D. Professor  NBL 703 credit	University of Ljubljana Special Day Friday, Mar 12 1:30pm Shelby #1015	Vlad Parpura, M.D., Ph.D.	<i>"Exocytosis, Vesicle Discharge and Fusion Pore Regulation in Peptidergic Vesicles"</i>
3/25/2010	Karen L. Gamble, Ph.D. Asst. Professor  NBL 703 Credit	University of Alabama at Birmingham	John Hablitz, Ph.D	<i>"Alarm clocks and snooze buttons: Entrainment mechanisms of the mammalian circadian clock"</i>
4/1/2010	Ety Benveniste, Ph.D.	University of Alabama at Birmingham	Vlad Parpura, M.D., PH.D.	<i>"Role of SOCS Proteins in Influencing Glial Cell Function". Biosketch is attached"</i>

	<p>Professor/Chairman</p>  <p>NBL 703 Credit</p>			
4/8/2010	<p>Craig Garner, Ph.D. Professor</p>  <p>NBL 703 Credit</p>	<p>Stanford School of Medicine</p>	<p>Harald Sontheimer, Ph.D. co-sponsored with UAB Intellectual and Developmental Disabilities Research Center</p>	<p><i>"Synaptic mechanisms underlying cognitive impairment in Down syndrome"</i></p>
4/15/2010	<p>Thomas Otis, Ph.D. Professor</p>  <p>NBL 703 Credit</p>	<p>UCLA</p>	<p>Jacques Wadiche, Ph.D.</p>	<p><i>"Novel optical approaches to probe single neuron signaling and circuit function in cerebellum"</i></p>
5/6/2010	<p>Jack Parent, M.D. Assoc. Professor</p>  <p>NBL 703 Credit</p>	<p>University of Michigan Medical Center</p>	<p>Linda Wadiche, Ph.D.</p>	<p><i>"Stem Cells in Epilepsy Models and Stem Cell Models of Epilepsy"</i></p>

5/13/2010	<p>Jens R. Coorsen, Ph.D. Foundation Chair, Mole. Phy.</p>  <p>NBL 703 Credit</p>	<p>SOM School of Biomedical & Health Sciences College of Health & Science University of Western Sydney NSW, Australia</p>	<p>Vlad Parpura, M.D., Ph.D.</p> <p>co-sponsored by: Atomic Force Microscopy & Nanotechnology Laboratories</p>	<p><i>"New approaches to dissecting the mechanism of Ca²⁺-Triggered Membrane Fusion."</i></p>
5/20/2010	<p>Jason Christie, Ph.D.</p> <p>NBL 703 Credit</p>	<p>Max Planck Florida Institute</p>	<p>Jacques Wadiche, Ph.D.</p>	<p><i>"Calcium-dependent modulation of release by somatic depolarization"</i></p>
5/27/2010	<p>Edwin R. Chapman, Ph.D. Professor</p>  <p>NBL 703 Credit</p>	<p>University of Wisconsin</p>	<p>Lucas Pozzo-Miller, Ph.D.</p>	<p><i>"Synaptotagmins: roles in the nanomechanics of membrane fusion and in synaptic plasticity"</i></p>
6/4/2010	<p>Iria M^a González- Dopeso Reyes Visiting Scholar</p> <p>New day and place Shelby #1015 June 4, 2010 1:30 pm</p>	<p>University of Santiago de Compostela, Spain</p>	<p>Dr. Emma Perez-Costas, Ph.D.</p>	<p><i>"Study of the expression and functional mechanisms of the extracellular matrix protein reelin, during prenatal development of the rat brain"</i></p>