

Neuroscience Center of Excellence



Calendar of Events 2001

All Lectures, unless otherwise noted, will be held at the LSU-Lions Medical and Research Center Building, Neuroscience Center of Excellence, 2020 Gravier Street, Suite D, 8th Floor Conference Room, New Orleans, LA 70112

Chancellor's Award Lecture

March 15
4:00 PM
Martin Raff, M.D.
MRC Laboratory for Molecular Cell Biology and the Biology Department,
University College London, London, United Kingdom
"Cell Number Control and Timing in Neural Development?"

October 15
12:00 noon
Donald L. Price, M.D.
Johns Hopkins University, School of Medicine, Neuropathology Laboratory,
Baltimore, Maryland
"The Value of Transgenic/Gene Targeted Models for Studies of Neurodegenerative Diseases"

Dean's Award Lecturer

October 13-17
Charles N. Serhan, Ph.D.
Endowed Distinguished Scientist, Director, Center for Experimental
Therapeutics and Reperfusion Injury, Brigham and Women's Hospital,
Harvard Medical School, Boston, MA
"Lipoxins and Aspirin-Triggered Lipid Mediators in Anti-inflammation?"

Distinguished Lecturer Series

TBA
Ronald Hayes, Ph.D.
Professor of Neuroscience and Neurosurgery, Director, Center of Traumatic
Brain Injury Studies, Department of Neuroscience, University of Florida, Brain
Institute
*"Proteolytic Mechanism of Necrosis and Apoptosis Following Traumatic Brain
Injury"*

TBA
Julio Alvarez Builla, University of Alcala, Spain
"Combinatorial Chemistry in Drug Discovery"

Seminar Series

January 21
12:00 noon
Arne Schousboe, D.Sc.
The Neurology Unit, Royal Danish School of Pharmacy, Copenhagen,
Denmark
*"Synthesis of Neurotransmitter GABA from Glutamine Involves TCA Cycle
Metabolism"*

April 20
12:00 noon
Adam Rory McQuiston, Ph.D.
Baylor College of Medicine, Division of Neuroscience, Houston, Texas
*"Cholinergic Modulation of Hippocampal Inhibitory Interneurons:
Implications in Circuit Function"*

September
TBA
Corne J. Kros
School of Biological Sciences, University of Sussex, Falmer, Brighton, UK
"Auditory Transduction in Normal and Myosin VIIA Mutant Mice"

September 17
12:00 noon
*Jennifer J. O'Brien, Ph.D.
University of Texas in Houston, Department of Ophthalmology, Houston, Texas
"Connexin 36 Gap Junctions in the Rabbit Retina"

*Jointly sponsored by the Center, Ernest C. and Yvette C. Villere Chair
for the Study of Retinal Degeneration and the Department of Ophthalmology.

TBA
12:00 noon
Jay Kolls, M.D.
Associate Program Director, Tulane/Charity/LSU GCRC
Director, Gene Therapy Program, Associate Professor of Medicine/Pediatrics
LSUHSC School of Medicine, New Orleans, LA
"Immune Responses and Gene Therapy"

TBA
12:00 noon
Anthony Vaccarino, Ph.D.
University of New Orleans, Department of Psychology, New Orleans, LA
"Tolerance to Morphine Analgesia: Biological and Behavioral Factors"

TBA
Carlos Sunkel
St Charles Pharmaceuticals, Madrid, Spain

Special Seminars

February 20
1:30 PM
Evgeny I. Rogaev, Ph.D., D.Sci.
Head, Laboratory of Molecular Brain Genetics, Mental Health Research
Center, Academy of Medical Sciences, Moscow, Russia
*"Molecular Mechanisms of Alzheimer's Disease: Reverse-Genetic and
Functional Genetic Approaches"*

April 26
4:00 PM
Edward B. Ziff
Howard Hughes Medical Institute, Department of Biochemistry, NYU
School of Medicine, New York, NY
"Regulation of the Trafficking of AMPA Receptors"

Workshop with National Institutes of Aging October 12-13, 2001

Wenzhen Duan, M.D., Ph.D.
*"Beneficial Effects of Dietary Restriction on Neurodegenerative Disorders: Involvement in Stress
Proteins and Neurotrophic Factors"*

Stephen Chan, Ph.D.
"Presenilin Progenitors and Alzheimer's Disease"

Yolanda D. Mock, Ph.D.
"Training Opportunities at the NIA"

Mark Mattson, Ph.D.
Chief of the Laboratory of Neurosciences, National Institute on Aging;
Professor, Department of Neuroscience, Johns Hopkins University School of Medicine;
Professor of Gerontology, University of Kentucky College of Medicine
"Molecular Mechanisms of Neurodegenerative Disorders"

The Thirteenth Annual LSU Neuroscience Center Retreat

Saturday, February 10, 2001, 8:00 a.m. to 2:00 p.m.

University of New Orleans

Keynote Lecturer: Rodolfo R. Llinás, M.D., Ph.D.

Thomas & Suzanne Murphy Professor of Neuroscience, Professor & Chairman,
Dept. of Physiology & Neuroscience, New York University Medical Center, New York, NY
Member, National Academy of Sciences, USA (1986-), and
of the American Academy of Arts and Sciences (1996)
"Can the Study of Neurons Address Normal and Abnormal Brain Functions?"

Attempting to understand how the brain functional properties derive from single cell activity seems,
for the first time, to be a serious topic of inquiry.

One aspect of the neuronal organization of the brain of higher vertebrates that seems central to its
global function is the rich thalamocortical networks, and most particularly, the recursive nature of
the thalamocortical loop function. Moreover, the ionic mechanisms and connectivity that support
the interaction between the specific and non-specific thalamic loops suggest that rather than a gate
into the brain, the thalamus represents a hub that support complex ongoing time coherent functional
states. The goal of this talk is to explore the assumption that large-scale, temporal coincidence of
specific and non-specific thalamic supports human motricity and cognition and is responsible for
many neurological and psychiatric maladies.

Posters (8' wide by 4' high) of current research may include data recently presented or to be presented at
a future meeting. Informal layouts of ongoing projects are also encouraged. Abstracts are being accepted
from the greater New Orleans scientific community. Please send abstracts by February 1, 2001, to the
LSU Neuroscience Center. Eight awards will be given for the best posters presented by postdoctoral
fellows, residents or students that are employed by the Neuroscience Center. These awards are to be used
to present a paper at a national meeting during 2001.

Annual Society for Neuroscience Meeting

November 10-15, 2001

San Diego, CA

Interdisciplinary Ph.D. Program in Neuroscience*

Applications are now being accepted for the Interdisciplinary Ph.D. Training Program in
Neuroscience. The intensive training provided by this program reflects the breadth of faculty
research programs, including behavioral neuroscience and molecular neurobiology, with
concentrations ranging from genes, to cells, to human behavior. Stipend support is available on a
competitive basis. Qualified individuals should send inquiries to Nicolas G. Bazan, M.D., Ph.D.,
or R. Ranney Mize, Ph.D., Co-Directors of the Interdisciplinary Ph.D. Program at the address
below:

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* Submission of application prior to February 1st is greatly encouraged.