LSU Health Sciences Center School of Medicine in New Orleans

NEUROSCIENCE CENTER OF EXCELLENCE
2002 Calendar of Events and Speakers

Chancellor’s Award Lecture

June 20
Sir John Vane, Nobel Laureate in Physiology or Medicine, 1982
William Harvey Research Institute
St. George’s Hospital Medical College
London, England
“My Life and Times with Enzymes and Mediators”

Sept 19
Steven Flesier, Ph.D.
School of Medicine in New Orleans
“Cholesterol Metabolism and Retinal Degeneration: Bio-chemical, Histological, and Functional Correlates in Rodent Models of Human Diseases”

Oct 11
Ruben Adler, M.D.
Johns-Hopkins University School of Medicine
“Stress-Related Neurotrophic Factors, and the Treatment of Retinal Degeneration: A Cellular and Developmental Perspective”

Oct 25
Greg Semenza, M.D., Ph.D.
Johns-Hopkins University School of Medicine
“Expression of Hypoxia-Inducible Factor 1 in Mammalian Brain: Plasticity: Basic Science and Potential Clinical Applications”

Dec 3
Rubens Belfort, M.D.
Federal University of São Paulo
(Escola Paulista de Medicina-Hospital São Paulo)
“Expression and Function of Prostate Specific Antigen”

Distinguished Lecturer Series

Feb 19
Kenneth Lundstrom, Ph.D.
McPhees (Membrane Protein Network)
“Genetic and Virus Vectors: From Receptor Crystalization to Cell Therapy”

Sept 12
Sander Flasum
Chairman and CEO, Robert A. Becker, Inc.
“The Future of the Pharmaceutical Industry: Opportunities for University Research”

Mar 13
Graham C.R. Ellis Davies, Ph.D.
MCP Hahnemann University
“Photobiological Stimulation of Single Synapses in Brain Slices”

Mar 15
George H. DeVries, Ph.D.
Laboratory of Cellular Neurobiology, Hines VA Hospital and Loyola University Medical Center
“Neurotrophic Factors: Nogo, and Neural Plasticity”

April 19
Larry Trussell, Ph.D.
Oregon Health & Science University
“Depression: Transtector Release by Ionotropic Receptors”

May 15
William H. Hansel, Ph.D.
Pennington Biomedical Research Center, LSH
“Lytic Peptide’s Conjugated Dietary Hormone: Intestinal Independent Prostate and Breast Cancer Cells in Vivo and In Vivo”

May 17
Peter Gillespie, Ph.D.
Georgia Health & Science University
“Glycolysis in Glial Cells in Mice: Application of a Chemical-Genetics Approach”

June 17
Paula Grammas, Ph.D.
The University of Oklahoma Health Sciences Center
“Cellular Structures in Blood Vessels in the Pathogenesis of Alzheimer’s Disease”

Aug 16
Ellio Vainin, Ph.D.
Baylor College of Medicine
“Gene Transfer into Hemapoetic Stem Cells”

Aug 27
Sampath Parthasarathy, Ph.D.
Department of Surgery, University of Texas Southwestern Medical Center
“Antioxidants and Pro-Oxidants: Should We Be Concerned?”

Sept 16
Hugh Xia, Ph.D.
University of California, San Diego
“Glutamate Receptor Trafficking and Synaptic Plasticity”

Oct 15
Michael Balisky, Ph.D.
University of California, San Diego
“Novel Mechanisms of Arachidonic Acid Trans-formations by Nitrogen Oxide Radicals”

Minisymposium on Cell Signaling

June 20
LSU Health Sciences Center, Neuroscience Center of Excellence
Stefanny A.L. Bennett, Ph.D.
Neural Regeneration Laboratory, University of Ottawa
“To Live and Let Die: Searching for the Apoptotic PAF Binding Protein”

Fanny Bonin
Neural Regeneration Laboratory, University of Ottawa
“A Time to Live: PAF-Receptor-GPCR Activation Inhibits Growth Arrest Associated with Neuronal Differentiation”

Tia Moffat
Neural Regeneration Laboratory, University of Ottawa
“A Time to Die: PAF-Induced Apoapoptosis of Human Neurons But Not Neuronal Precursors”

The Fourteenth Annual
LSU Neuroscience Center Retreat

Future of Neuroscience: Applications of Knowledge
Friday, March 1, 2002, 2:00p.m.-5:00p.m.
LSUHSC Neuroscience Center of Excellence
Edmond H. Fischer, Ph.D., Nobel Laureate in Physiology or Medicine, 1992
University of Washington, Seattle, WA
“How Proteins Speak with One Another in Cell Signaling”

Albert J. Aguayo, M.D.
Montreal General Hospital, McGill University
“Regeneration of Injured Axons in the Adult Mammalian Brain”

Guy M. McKhann, M.D.
Johns Hopkins University, Department of Neurology
“Neurological Outcomes after Coronary Bypass Surgery: A Model for Brain Injury in the Future?”

Roundtable and Open Discussion
Saturday, March 2, 2002, 8:00a.m.-2:00p.m.
University of New Orleans, University Center
Edmond H. Fischer, Ph.D., Nobel Laureate in Physiology or Medicine, 1992
University of Washington, Seattle, WA
“Cellular Regulation by Protein Phosphorylation: How It All Began”

Nicolas G. Bazan, M.D., Ph.D.
LSUHSC Neuroscience Center of Excellence
“It’s a New Strategy for Developing Neuroprotective Drugs”

Albert J. Aguayo, M.D.
McGill University
“Regeneration in the Adult Mammalian Brain”

Guy M. McKhann, M.D.
Johns Hopkins University School of Medicine
“The Outlook for Intervention in Alzheimer’s Disease”

Interdisciplinary Ph.D. Program in Neuroscience

Applications are now being accepted for the Interdisciplinary Ph.D. Training Program in Neuroscience. This intensive training provided by this program reflects the breadth of faculty research programs, including behavioral neuroscience and molecular neurobiology, with concentrations ranging from genetics, to cells, to human behavior. Stipend support is available on a competitive basis. Highly 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, 2020 Gravier Street, NOLA 70112, or visit our website at: http://www.neuroscience.lsuhsc.edu.

Summer Undergraduate Neuroscience (SUN) Program and the High School Neuroscience Program

The LSU Neuroscience Center SUN Program is a unique opportunity for exceptionally well-qualified undergraduates and high school students to experience state-of-the-art neuroscience research in the LSUHSC Neuroscience Center. Each year, the LSUHSC Neuroscience Center offers the program to incoming LSUHSC Neuroscience Center’s faculty and trainees. During the ten-week Program, students attend a formal lecture series highlighting the cellular and molecular aspects of the nervous system, and meet with the many distinguished neuroscientists who visit the campus. Excellent stipend support is available on a competitive basis. Highly qualified individuals should send inquiries to: Nicolas G. Bazan or Dr. Larry Carver, Neuroscience SUN Program, Suite D, 2020 Gravier Street, New Orleans, LA 70112.

Neuroscience Center of Excellence and Department of Ophthalmology

Workshop:
Retinal Degeneration and Repair

Twentieth Anniversary of the Ernest C. and Yvette C. Villere Chair for the Study of Retinal Degeneration
Wednesday, November 20, 2002, 8:30a.m.-5:15p.m.
Louisiana State University Health Sciences Center, New Orleans, LA
Paul Sieving, M.D., Ph.D. - Keynote Speaker
Director
National Eye Institute, Bethesda, MD
“Night-blindness and the State of Rod Photoreceptors in Retinitis Pigmentosa:Rhodopsin and X-Rod Photopigments”

Marco Zarinb, M.D., Ph.D.
UMDNJ-New Jersey Medical School
“RPE Replacement for Age-Related Macular Degeneration: Experimental Studies”

Robert Anderson, M.D., Ph.D.
University of Colorado School of Medicine
“Activation of AKT in Retinal Organ Cultures in Response to Insulin Mediated through Phosphoinositide 3 Kinase”

Connie Cepko, Ph.D.
Harvard Medical School/H什IIT
“Genomics Approaches to Retinal Development”

Steven Fisher, Ph.D.
University of California, San Francisco
“The Unexpected Capacity of Mammalian Retina for Neuronal and Glial Cell Remodeling”

Robert Marc, Ph.D.
University of Utah School of Medicine
“Neural Remodeling in Retinal Degeneration”

Dean Bok, Ph.D.
University of California, Los Angeles School of Medicine
“Gene-based Therapeutic Strategies for the Treatment of Inherited Retinal Disease in Animal Models”

John H. Wilson, Ph.D.
Baylor College of Medicine
“Knock-In Mouse Models for Therapy of Retinal Diseases”

William Hauworth, Ph.D.
National Eye Institute, Bethesda, MD
“AAV-vectored Therapies for Retinal Neovascular Diseases”

Joe G. Hollyfield, Ph.D.
Cleveland Clinic Foundation
“Proteomics of Isolated Human Rod and Bruch’s Membrane: New Approaches to Understanding Age-Related Macular Degeneration”

Matthew LaVail, Ph.D.
UCSF School of Medicine
“Models, Mechanisms and Therapy for Retinal Degenerations with Mertk Mutations”

All Lectures are at:
The Neuroscience Center of Excellence
8th Floor Conference Room
2020 Gravier Street
New Orleans, Louisiana
Call Karen Cappiello
(504) 566-0835
for more information