



Neuroscience Center of Excellence



Calendar of Events 1995

Distinguished Lecturer Series

Medical Education Building, 4:00 p.m.

January 23 (Seminar Rm. 4) Anthony H.V. Schapira, MD, FRCP, Professor of Clinical Neurosciences and Head of Department of Clinical Neurosciences; Chairman of Neuroscience Specialties, Royal Free Hospital School of Medicine, London, England
Mitochondria: DNA, Proteins, and Disease

January 30 (Lecture Rm. B) Paul M. Vanhoutte, MD, PhD, Director, Research and Development, Institut de Recherches Internationales Servier, Courbevoie Cedex, France
Endothelium-Derived Vasoactive Factors

February 8 (Lecture Rm. B) Bo K. Siesjö, MD, PhD, Professor of Neurobiology, Laboratory for Experimental Brain Research, University of Lund, Sweden
Dean's Award Lecture in Neuroscience: *Global and Focal Ischemia: Pathophysiology and Therapeutic Windows*

March 1 1:00 p.m. (Seminar Rm. 4) Julius Axelrod, PhD, Laboratory of Cell Biology, ADAMHA-NIMH, Intramural Program, Bethesda, Maryland; Nobel Laureate in Medicine or Physiology, 1970 (awarded with Sir Bernhard Katz and Ulf von Euler)
Dean's Award Lecture in Neuroscience: *Neurotransmitters, Second Messengers, and Psychoactive Drugs*

March 13 (Lecture Rm. B) Sir John Vane, FRS, Director and Professor, The William Harvey Research Institute, St. Bartholomew's Hospital Medical College, London, England; Nobel Laureate in Medicine or Physiology, 1982 (awarded with Sune K. Bergstrom and Bengt Samuelsson)
Chancellor's Award Lecture in Neuroscience: *New Light on the Mode of Action of Anti-Inflammatory Drugs*

March 31 (Lecture Rm. B) Robert E. Anderson, PhD, MD, Director, Oklahoma Center for Neuroscience; Professor of Ophthalmology, Biochemistry and Molecular Biology, Dean A. McGee Eye Institute, Oklahoma City, Oklahoma
Importance of Docosahexaenoic Acid in the Retina in Health and Disease

May 8 12:00 p.m. (Lecture Rm. B) Marilyn G. Farquhar, PhD, Coordinator, Division of Cellular and Molecular Medicine, University of California-San Diego School of Medicine, La Jolla, California
Intracellular Trafficking Along the Exocytic and Endocytic Pathways

May 9 (Lecture Rm. B) George E. Palade, MD, Dean, Scientific Affairs, University of California-San Diego School of Medicine, La Jolla, California; Nobel Laureate in Medicine or Physiology, 1974 (awarded with Albert Claude and Christian de Duve)
Dean's Award Lecture in Neuroscience: *Protein and Membrane Traffic Control in Eukaryotic Cells*

October 9 (Room to be announced) James Edwin Blalock, PhD, Professor, Department of Physiology and Biophysics, University of Alabama, Birmingham, Alabama
Binary Patterning of Polar and Nonpolar Amino Acids: Genetic Origins and Role in Protein Structure, Function, and Design

November 8 (Room to be announced) Hector N. Torres, MD, PhD, Director and Professor of Molecular Biology, Instituto de Investigaciones en Ingenieria Genetica y Biologia Molecular, Consejo Nacional de Investigaciones, Cientificas y Técnicas, Universidad de Buenos Aires, Argentina
Title to be Announced

December 14 (Seminar Rm. 5) Christine M. Gall, PhD, Professor, Department of Anatomy, University of California, Irvine, California
Neurotropic Factor Expression in Brain Plasticity

Symposium: Fundamental Issues in Stroke and Epilepsy: Excitotoxicity, Cell Signaling, and Neuroprotection

September 15, 1995

Organized by: Nicolas G. Bazan

Josef Kriegstein, MD, PhD, Director, Institut für Pharmakologie und Toxikologie, Philipps-Universität Marburg/Lahn, Marburg, Germany
Mechanisms of Neuroprotective Drug Actions

Kyuya Kogure, MD, DMSci, Director, Foundation for Brain and Nerve Diseases, Institute of Neuropathology, Saitama-Ken, Japan; Professor, Department of Pharmacology, Tokyo Medical College, Tokyo, Japan
Post-Ischemic Inflammation of the Brain and Prospective Therapy of Cerebral Infarction

Arne Schousboe, MD, DMSci, Professor, Department of Biological Sciences, Royal Danish School of Pharmacy, Copenhagen, Denmark
Excitotoxicity in Neuronal Cultures: Role of Glutamate Receptor Subtypes and Intracellular Ca²⁺ Homeostasis

Konstantin-A. Hossman, MD, PhD, Director, Max-Planck-Institut für Neurologische Forschung, Department of Experimental Neurology, Köln, Germany
What Can We Learn from Experimental Ischemia Research?

Claude G. Wasterlain, MD, Chief, Neurology Service, Professor of Neurology, Reed Neurological Research Center, UCLA School of Medicine, Los Angeles, California
Sommer Revisited: Hippocampal Lesions and Epilepsy

Nicolas G. Bazan, MD, PhD, LSUMC Neuroscience Center of Excellence
Excitable Membrane-Derived Messengers and Brain Damage in Stroke and Epilepsy: New Clues in Neuroprotection

Roundtable: *Clinical Implications*

Chairmen: Nicolas G. Bazan, MD, PhD and Austin J. Sumner, MD

Lead the Discussion: Fred Plum, MD, Chairman, Department of Neurology, Cornell University Medical College, New York, New York

Interdisciplinary PhD Program in Neuroscience

Applications are now being accepted for the Interdisciplinary PhD 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. Highly qualified individuals should send inquiries to: Nicolas G. Bazan, MD, PhD, or R. Ranney Mize, PhD, Co-Directors of the Interdisciplinary PhD Program, c/o LSU Neuroscience Center of Excellence.

Neuroscience Seminars

Medical Education Building, Seminar Room 5, 12:00 p.m.

January 26 Stephen Lewis, PhD, Assistant Professor, Department of Pharmacology, University of Iowa, Iowa City, Iowa
Signal Transduction Mechanisms for Nitrosyl Factors

February 16 Michael W. Emmett-Oglesby, PhD, Professor, Department of Pharmacology, University of North Texas Health Science Center, Fort Worth, Texas
Effects of Cocaine in Mice Lacking 5-HT_{1B} Receptors

March 2 Mark Alliegro, PhD, Assistant Professor of Anatomy, LSU Medical Center, New Orleans, Louisiana
Structure and Activities of Epithelial Carbohydrate Binding Proteins

March 30 Philip Von Voigtlander, DVM, PhD, Senior Scientist, CNS Diseases, The Upjohn Company, Kalamazoo, Michigan
Mechanisms of Neuronal Protection by Tirilazad Mesylate

April 12 Hugh J. Robertson, MD, Professor of Radiology and Neurosurgery, LSU Medical Center, New Orleans, Louisiana
Functional Magnetic Resonance Imaging: A Powerful New Tool in Brain Research and Diagnosis

April 27 Paul Wade, PhD, Assistant Professor, Department of Anatomy and Cell Biology, Columbia University, New York
Initiation and Propagation of the Peristaltic Reflex by Serotonin

May 25 Roy J. Martin, PhD, Department of Foods and Nutrition, University of Georgia, Athens, Georgia
Regulation of Energy Balance Endogenous Signals

June 15 Jean Jacob-Labarre, PhD, Assistant Professor, Department of Ophthalmology, Lion's Eye Center, LSU Medical Center, New Orleans, Louisiana
Novel Nerve Regeneration Guides

September 21 Rhoda Reddix, PhD, Assistant Professor, Department of Pharmacology, LSU Medical Center, New Orleans, Louisiana
Role of Nitric Oxide in Enteric Secretomotor Reflex Pathways of Guinea Pig Ileum

November 2 Reha Erzurumlu, PhD, Associate Professor of Anatomy, LSU Medical Center, New Orleans, Louisiana
Neocortical Specifications and Plasticity

Seminar Series Coordinators: Dr. Kurt Varner (504)568-4740 and Dr. Daniel Carr (504)568-4412

The Seventh Annual LSU Neuroscience Center Retreat

Saturday, February 11, 1995, 8:00 a.m. to 2:00 p.m. • University of New Orleans

Keynote Lecture: *Cell and Gene Transfer to the Central Nervous System*

Dr. Fred H. Gage, Professor, Department of Neurosciences, University of California School of Medicine, San Diego, California

Posters (8' wide by 4' high) of current research may include data recently presented or which is to be presented at a future meeting. Informal layouts of ongoing projects are also encouraged. Please send abstracts (using the Society for Neuroscience guidelines) by January 26, 1994 to the LSU Neuroscience Center.

Eight travel awards to be used to present a paper at a scientific meeting will be given for the best posters presented by postdoctoral fellows, residents, or students.

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

The LSU Neuroscience Center SUN Program allows undergraduate students from around the state to gain laboratory experience, attend formal lectures, and meet the many distinguished neuroscience lecturers who visit LSU. The SUN Program is eight weeks long, and in addition to gaining valuable experience in neuroscience, the students are also provided a stipend. Although 1994 was the first SUN Program, eleven outstanding students were chosen from universities that included Harvard University, Xavier University of New Orleans, and Louisiana State University of Baton Rouge and New Orleans. Because of the success of this program, we intend to include up to 12 students in 1995 and the program will extend to area high school students. Inquiries should be sent to Dr. Roger W. Beuerman, LSUMC Neuroscience Center SUN Program.

Symposium: Neuronal Development and Plasticity

Organized by: R. Ranney Mize and Reha Erzurumlu

Co-Sponsored by the Greater New Orleans Chapter of the Society for Neuroscience and The LSU Neuroscience Center of Excellence

April 20-21, 1995

The City Club • 1515 Poydras Street • New Orleans, Louisiana

Activity and Experience Dependent Plasticity • Invited Speakers Include:

Nicolas Bazan (LSU); Mark Bear (Brown Univ.); Hollis Cline (Cold Spring Harbor); Nigel Daw (Yale Univ.); Reha Erzurumlu (LSU); Michael Friedlander (Univ. of Alabama); Herb Killackey (Univ. of California); Steve McLoon (Univ. of Minnesota); and Mriganka Sur (MIT).

Neuronal Fate, Axon Pathfinding and Target Recognition • Invited Speakers Include:

Dan Goldowitz (Univ. of Tennessee, Memphis); Sonal Jhaveri (MIT); Katherine Kalil (Univ. of Wisconsin); Josef Kapfhammer (Univ. Zurich); Lynn Landmesser (Case Western Reserve Univ.); Carol Mason (Columbia Univ.); Ron McKay (LMB/NINDS NIH); R. Ranney Mize (LSU); Jerry Silver (Case Western Reserve Univ.); and Chris Walsh (Beth Israel Hospital).

LSU Neuroscience Center of Excellence, 2020 Gravier Street, Suite B, New Orleans, LA 70112

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