

**THE UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER
THE NEUROSCIENCE INSTITUTE**

SEMINAR SERIES SCHEDULE

SPRING 2004

12:00 Noon

Link Auditorium

S. John Mihic, Ph.D. (Host – Dr. Alex Dopico)
Associate Professor, Section of Neurobiology
& Waggoner Center for Alcohol & Addiction Research
Moffett Molecular Biology Building, MBB 1.148
Austin, Texas
** Co-sponsored by Pharmacology

January 13, 2004

**TITLE: “MOLECULAR DISSECTION OF ALCOHOL AND VOLATILE
ANAESTHETIC ACTIONS ON GLYCINE RECEPTORS”**

Frederick A. Boop, Ph.D.
Associate Professor
Department of Neurosurgery, UTHSC
Memphis, TN

January 20, 2004

**TITLE: “SURGICAL OPTIONS FOR THE TREATMENT OF INTRACTABLE
EPILEPSY”**

Martin Friedlander, M.D., Ph.D. (Host – Dr. Eldon Geisert, Jr.)
2004
Scripps Research Institute
LaJolla, CA
** Co-sponsored by Vision Center

January 27,

TITLE: “STEMMING VISION LOSS WITH STEM CELLS”

Ben W. Strowbridge, Ph.D. (Host - Dr. Matt Ennis)
Case Western Reserve University
Department Neuroscience
Cleveland, Ohio

February 3, 2004

TITLE: “INHIBITORY LOCAL CIRCUITS IN THE OLFACTORY BULB”

Mark S. LeDoux, M.D., Ph.D.
Associate Professor
UTHSC – Department of Neurology

February 10, 2004

TITLE: "AN ENIGMA CLOAKED IN A MYSTERY SURROUNDED BY A CONUNDRUM"

Edward Chaum, M.D., Ph.D.
Associate Professor
UTHSC - Department of Ophthalmology

February 17, 2004

TITLE: "RETINAL NEUROPROTECTION BY GROWTH FACTORS"

Alexander Bachmanov, V.V., Ph.D.
Associate Member
Monell Chemical Senses Center
Philadelphia, PA

(Host - Dr. John Boughter)

February 24, 2004

TITLE: " GENETICS OF TASTE AND INGESTIVE BEHAVIOR IN MICE"

Rolf Joho, Ph.D.
Associate Professor
Center for Basic Neuroscience
Dallas, TX

(Host - Dr. Bob Foehring)

March 2, 2004

TITLE: "SLEEPLESS IN DALLAS: POTASSIUM CHANNEL-DEPENDENT PHYSIOLOGY OF MOTOR AND SLEEP BEHAVIOR"

Steven J. Fliesler, Ph.D.
Professor
Department of Ophthalmology
St. Louis University Eye Institute
St. Louis, MO

(Host - Dr. Monica Jablonski)

March 9, 2004

TITLE: "RETINAL DEGENERATION IN AN ANIMAL MODEL OF SMITH-LEMLI-OPITZ SYNDROME"

Glenn I. Hatton, Ph.D.
University California Riverside
Department of Cell Biology & Neuroscience
Riverside, CA

(Host - Dr. Bill Armstrong)

March 16, 2004

TITLE: "FUN IN THE SON: A MODEL SYSTEM REVEALS BRAIN SECRETS"

Feng C. Zhou, Ph.D.
Indiana University School Medicine
Department Anatomy & Cell Biology
Indianapolis, IN

(Host - N/S Grad Students)

March 23, 2004

TITLE: "A VIEW OF ALCOHOL ABUSE ON NEURODEVELOPMENT THROUGH THE WINDOW OF SEROTONIN"

Susan E. Senogles, Ph.D.
Associate Professor
UTHSC – Molecular Sciences

March 30, 2004

TITLE: "D2 DOPAMINE RECEPTOR STRUCTURE-IMPLICATIONS FOR G PROTEIN COUPLING SPECIFICITY"

Susan M. Brassler, Ph.D.
Assistant Professor
Department of Anatomy & Neurobiology
UTHSC

April 6, 2004

TITLE: "OROSENSORY CONTRIBUTIONS TO ALCOHOL INGESTION"

Artur V. Cideciyan, Ph.D.
Research Associate Professor
Scheie Eye Institute
University of Pennsylvania
Philadelphia, PA

(Host - Dr. Alex Iannaccone)

April 13, 2004

TITLE: "DETAILED PHENOTYPE OF INHERITED HUMAN RETINOPATHIES: HOW GOOD IS THE CORRESPONDENCE WITH ANIMAL MODELS?"

Scott O. Zeitlin, Ph.D.
Univ. of VA, School of Medicine
Department of Neuroscience
Charlottesville, VA

(Host - Dr. Tony Reiner)

April 27, 2004

TITLE: "MOUSE MODELS TO STUDY MECHANISMS OF HUNTINGTON'S DISEASE PATHOGENESIS"

Johannes W. Hell, Ph.D.
University of Iowa
Department of Pharmacology
Iowa City, Iowa

(Host - Dr. Angela Cantrell)

April 29, 2004

TITLE: "INTERACTION OF CALMODULIN, CAMKII, AND ALPHA-ACTININ WITH THE NMDA RECEPTOR"

Richard D. Lane, Ph.D.
Medical College of Ohio
Department Anatomy & Neurobiology
Toledo, Ohio

(Host - Dr. Bob Waters)

May 4, 2004

**TITLE: "MULTILEVEL REORGANIZATION OF THE SOMATOSENSORY
SYSTEM; THE TALE OF THE ONE-ARMED RAT"**

Ted G. Abel, Ph.D.
University of Pennsylvania
Department of Biology
Philadelphia, PA

(Host - Dr. Jim O'Donnell)

May 11, 2004

TITLE: "MOLECULAR MECHANISMS OF LONG-TERM MEMORY STORAGE"

Pedro R. Lowenstein, M.D., Ph.D.
Cedars Sinai Medical Center
Gene Therapeutics Res. Inst.
8700 Beverly Blvd. Research Pavilion, R5090
Los Angeles, CA 90048

(Host – Dr. Rob Williams)

May 18, 2004

**TITLE: "THE NEUROIMMUNOLOGY OF GENE TRANSFER INTO THE BRAIN:
TOWARDS A GENETIC UNDERSTANDING OF THE BRAIN'S IMMUNE
PRIVILEGE"**

David Perkel, Ph.D.
Associate Professor, Department of Zoology
University of Washington
Seattle, WA

(Host – Dr. Tony Reiner)

May 25, 2004

TITLE: "CELLULAR APPROACHES TO VOCAL LEARNING IN SONGBIRDS"