THE UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER
THE NEUROSCIENCE INSTITUTE

SEMINAR SERIES SCHEDULE

SPRING 2004

12:00 Noon

S. John Mihic, Ph.D. (Host – Dr. Alex Dopico) January 13, 2004
Associate Professor, Section of Neurobiology
& Waggoner Center for Alcohol & Addiction Research
Moffett Molecular Biology Building, MBB 1.148
Austin, Texas
** Co-sponsored by Pharmacology

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

Frederick A. Boop, Ph.D. January 20, 2004
Associate Professor
Department of Neurosurgery, UTHSC
Memphis, TN

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

Martin Friedlander, M.D., Ph.D. (Host – Dr. Eldon Geisert, Jr.) January 27, 2004
Scripps Research Institute
LaJolla, CA
** Co-sponsored by Vision Center

TITLE: “STEMMING VISION LOSS WITH STEM CELLS”

Ben W. Strowbridge, Ph.D. (Host - Dr. Matt Ennis) February 3, 2004
Case Western Reserve University
Department Neuroscience
Cleveland, Ohio

TITLE: “INHIBITORY LOCAL CIRCUITS IN THE OLFATORY BULB”

Mark S. LeDoux, M.D., Ph.D. February 10, 2004
Associate Professor
UTHSC – Department of Neurology
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.  
(Host - Dr. John Boughter)  
Associate Member  
Monell Chemical Senses Center  
Philadelphia, PA  

February 24, 2004

TITLE: “GENETICS OF TASTE AND INGESTIVE BEHAVIOR IN MICE”

Rolf Joho, Ph.D.  
(Host - Dr. Bob Foehring)  
Associate Professor  
Center for Basic Neuroscience  
Dallas, TX  

March 2, 2004

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

Steven J. Fliesler, Ph.D.  
(Host - Dr. Monica Jablonski)  
Professor  
Department of Ophthalmology  
St. Louis University Eye Institute  
St. Louis, MO  

March 9, 2004

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

Glenn I. Hatton, Ph.D.  
(Host - Dr. Bill Armstrong)  
University California Riverside  
Department of Cell Biology & Neuroscience  
Riverside, CA  

March 16, 2004

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

Feng C. Zhou, Ph.D.  
(Host - N/S Grad Students)  
Indiana University School Medicine  
Department Anatomy & Cell Biology  
Indianapolis, IN  

March 23, 2004
TITLE:  “A VIEW OF ALCOHOL ABUSE ON NEURODEVELOPMENT THROUGH THE WINDOW OF SEROTONIN”

Susan E. Senogles, Ph.D.               March 30, 2004
Associate Professor
UTHSC – Molecular Sciences

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

Susan M. Brasser, Ph.D.        April 6, 2004
Assistant Professor
Department of Anatomy & Neurobiology
UTHSC

TITLE:   “OROSENSORY CONTRIBUTIONS TO ALCOHOL INGESTION”

Artur V. Cideciyan, Ph.D.    (Host - Dr. Alex Iannaccone)    April 13, 2004
Research Associate Professor
Scheie Eye Institute
University of Pennsylvania
Philadelphia, PA

TITLE:   “DETAILED PHENOTYPE OF INHERITED HUMAN RETINOPTHIES:  HOW GOOD IS THE CORRESPONDENCE WITH ANIMAL MODELS?”

Scott O. Zeitlin, Ph.D.  (Host - Dr. Tony Reiner)  April 27, 2004
Univ. of VA, School of Medicine
Department of Neuroscience
Charlottesville, VA

TITLE:   “MOUSE MODELS TO STUDY MECHANISMS OF HUNTINGTON’S DISEASE PATHOGENESIS”

Johannes W. Hell, Ph.D.  (Host - Dr. Angela Cantrell)  April 29, 2004
University of Iowa
Department of Pharmacology
Iowa City, Iowa

TITLE:   “INTERACTION OF CALMODULIN, CAMKII, AND ALPHA-ACTININ WITH THE NMDA RECEPTOR”
Richard D. Lane, Ph.D.   (Host - Dr. Bob Waters)   May 4, 2004
Medical College of Ohio
Department Anatomy & Neurobiology
Toledo, Ohio

TITLE: “MULTILEVEL REORGANIZATION OF THE SOMATOSENSORY SYSTEM; THE TALE OF THE ONE-ARMED RAT”

Ted G. Abel, Ph.D.   (Host - Dr. Jim O’Donnell)   May 11, 2004
University of Pennsylvania
Department of Biology
Philadelphia, PA

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

Pedro R. Lowenstein, M.D., Ph.D.   (Host – Dr. Rob Williams)   May 18, 2004
Cedars Sinai Medical Center
Gene Therapeutics Res. Inst.
8700 Beverly Blvd. Research Pavilion, R5090
Los Angeles, CA  90048


David Perkel, Ph.D.   (Host – Dr. Tony Reiner)   May 25, 2004
Associate Professor, Department of Zoology
University of Washington
Seattle, WA

TITLE: “CELLULAR APPROACHES TO VOCAL LEARNING IN SONGBIRDS”