

Seminar Series 2008 -2009

DATE	SPEAKER AND TITLE	COMMENT
Feb 01	Dr. Daniel Lawrence, Ph.D. Dept. of Internal Medicine, University of Michigan "Regulation of the Blood Brain Barrier During Ischemic Stroke: Implications for the use of thrombolytic therapy"	
Feb 08	Open	
Feb 15	Dr. Sarah Parsons, Ph.D. Dept. of Microbiology, University of Virginia "EGFR and c-Src in the mitochondria: New roles in cancer"	
Feb 22	Dr. Grant Brown, Ph.D. Dept. of Biochemistry University of Toronto "The Cellular Response to DNA Replication Fork Stalling"	
Feb 29	Dr. Sharon Michelhaugh, Ph.D. Dept. of Pharmacology , Wayne State U. "Isoforms of the transcription factor nurr1 differentially regulate dopaminergic genes"	
Mar 7	Dr. Hey-Kyoung Lee, Ph.D. Dept. of Biology, University of Maryland "Regulation of excitatory synapses in sensory cortices by visual experience"	Host: Andrade
Mar 14	Dr. James Babilion, Ph.D. Biomedical Engineering, Case Western Reserve University "Intraoperative Molecular Imaging to guide tumor resection"	
Mar 21	Open	
Mar 28	Dr. Manohar Ratnam Medical University of Ohio, Toledo, Ohio "New mechanisms of steroid receptor signaling in relation to development and cancer"	Host: Matherly
Apr 11	Dr. William Atchison Professor of Pharmacology/Toxicology, Michigan State University, East Lansing, Michigan "Cerebellar GABA-A Receptors as Targets of Environmental Mercurials"	
Apr 18	Dr. Maria Diakonova, Ph.D Assistant Professor, Dept. of Biological Sciences, University of Toledo "JAK2 tyrosine kinase phosphorylates PAK1 and regulates PAK1 activity and functions"	Host: Mattingly

- Apr 25** Open
- May 2** Dr. Mohamad Bouhamden, Ph.D.
Dept. of Pharmacology, Wayne State U.
- May 9** Dr. Amy Chang, Ph.D.
Dept. Molecular, Cellular & Developmental Biology, University of Michigan
"Protein quality control in the yeast secretory pathway"
- May 16** Dr. Tayyaba Hasan, Ph.D.
Harvard Medical School
- May 23** Dr. Ladislau Kovari, PhD
Dept of Biochemistry and Molecular Biology, Wayne State University School of Medicine
TBA
- May 30** Dr. John Goudreau, D.O., Ph.D.
Dept. of Neurology and Dept of Pharmacology and Experimental Therapeutics, Michigan State University
"Molecular mechanisms of differential susceptibility of dopamine neuronal populations in Parkinson's disease"
- Jun 6** Dr. Sanford Barsky M.D.
The Ohio State University Medical Center
TBA
- Jun 13** Dr. Robert Campell Ph.D.
University of Alberta, Dept. of Chemistry
TBA
- Jun 20** Dr. Daniel Lawrence Ph.D.
University of Michigan, Dept. of Internal Medicine
"Regulation of the Blood Brain Barrier During Ischemic Stroke: Implications for the use of thrombolytic therapy"

DATE	SPEAKER AND TITLE	COMMENT
Sept 19	Katarina Wolf, Ph.D. Dept. of Cell Biology, Radboud Univ. Nijmegen Medical Centre, The Netherlands "Functional imaging of pericellular proteolysis in cancer cell invasion through 3D extracellular matrices"	
Sept 26	David Kessel, Ph.D Dept. of Pharmacology, Wayne State University "Recent progress in photodynamic therapy"	

- Oct 10** Eric Fearon, M.D., Ph.D.
Dept. of Human Genetics, University of Michigan
"The Molecular Pathogenesis of Colorectal Cancer"
- Oct 17** John Basile, D.D.S., D.M.Sc.
Dept. of Diagnostic Sciences & Pathology, Univ. of Maryland
Dental School
"The Role of Semaphorin 4D in Tumor-Induced Angiogenesis"
- Oct 24** G. Angus McQuibban, Ph.D.
Dept. of Biochemistry, University of Toronto
"The mitochondrial rhomboid protease: cutting up the membrane in
Parkinson's disease"
- Nov 7** Jim W. Xuan Ph. D.
London Health Sciences Centre, London, Ontario, Canada
" Molecular diagnosis and prognosis of prostate cancer by Flk1-UTMD
imaging technology in PSP94 gene-directed genetically engineered
mouse prostate cancer models"
- Nov 14** Masood A. Shamma, Ph.D.
Surgical Oncology And Developmental Therapeutics Laboratory,
Karmanos Cancer Institute
"Exploring The Mechanisms Of Genomic Instability, Telomere
Maintenance, And Oncogenesis"
- Nov 21** Dudley K. Strickland, Ph.D.
Dept. of Surgery, University of Maryland School of Medicine,
Baltimore
"The LDL receptor-related protein: Role in protecting the vasculature"
- Dec 5** Qingyu Wu, M.D., Ph.D.
Molecular Cardiology/Nephrology & Hypertension, Learner
Research Institute, The Cleveland Clinic Foundation
"The cardiac transmembrane protease corin: discovery, function, and
disease"
- Jan 16** Barbara Fingleton, Ph.D.
Vanderbilt-Ingram Cancer Center, Nashville, TN
"MMP-9, a context-dependent regulator of breast cancer metastasis"
- Jan 23** Nicholas G. Davis, Ph.D.
Department of Pharmacology, Wayne State University
"Protein Palmitoylation in Yeast and Brain"
- Feb 13** Alfredo Kirkwood, Ph.D.
Mind/Brain Institute, Johns Hopkins University, Baltimore, MD
"Neuromodulation of synaptic plasticity"
- Feb 20** Nancy Oleinick, Ph.D.

Radiation Oncology, Biochemistry, Environmental Health Sciences,
Case Comprehensive Cancer Center
"Mitochondrial Damage and Consequences in Photodynamic Therapy:
From Molecules to Cells to Tumors"

Host: D. Kessel

Feb 27 Mark McNiven, Ph.D.
Dept. Biochemistry and Molecular Biology, Mayo Clinic College of
Medicine
"Cytoskeletal Membrane Dynamics in the Metastatic Process"

Host: J. Boerner

Mar 6 Maik Hüttemann, Ph.D.
Center for Molecular Medicine & Genetics, Wayne State Univ. School
of Medicine
"Regulation of mitochondrial energy and free radical production,
inflammation and lung cancer"

Mar 20 Vincent Njar, Ph.D.
Dept of Pharmacology & Experimental Therapeutics
University of Maryland School of Medicine
"Development of an Atypical CYP17 Inhibitor VN/124-1 (TOK-001 as
a Prostate Cancer Therapeutic"

Host: A. Burger

Apr 3 Rafael Fridman, Ph.D.
Dept. of Pathology, Wayne State Univ. School of Medicine
"Membrane type-matrix metalloproteinases: Proteolysis at the cell
surface and beyond"

Apr 10 Lisa Coussens, Ph.D.
Dept. of Pathology and Cancer Research Institute, Univ. of California -
San Francisco
"Inflammation and Cancer: Regulation of
Tissue-Specific Protumor Immunity"

**May
15** Suneel Apte, Ph.D.
Dept. of Biomedical Engineering, Cleveland Clinic
"ADAMTS proteases: regulators of cell behavior in development and
disease"

**May
22** Dr. Robert J. Schneider
Assoc. Director, NYU Cancer Institute, Co-director, Breast
Cancer & Translational Cancer Research, New York

May 29 Dr. Fred Miller
Barbara Ann Karmanos Cancer Institute and Dept. of Pathology, Wayne State University
"MCF10DCIS.com and the plasticity of stem cells"

June 5 Thomas Reinheckel, Ph.D.
Institute of Molecular Medicine and Cell Research, Albert-Ludwigs-University, Freiburg, Germany
"Effects and Regulation of Cysteine Cathepsins in the Tumor Microenvironment"