<table>
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<th>DATE</th>
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| 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 nurrl differentially regulate dopaminergic genes" |         |
| Mar 07 | 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 Basilion, 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 |
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<tr>
<td>Apr 25</td>
<td>Open</td>
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| 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" |
| 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"

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. Shammas, 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 Medicien & 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"