SATURDAY, NOVEMBER 22, 2008

8:00 – 8:30 AM  Registration
Continental Breakfast
Poster Set up

8:30 – 8:45 AM  Welcome

Timothy J. Lyons, M.D.
Warren Chair of Diabetes
Professor and Chief, Section of Endocrinology and Diabetes
University of Oklahoma College of Medicine

8:45 – 9:05 AM  Circulating Inflammatory & Anti-Angiogenic Factors Predict Preeclampsia in Type 1 Diabetes
Mingyuan Wu, M.D., Ph.D.
Post-Doctoral Fellow
Department of Medicine, Endocrinology
University of Oklahoma Health Sciences Center

9:05 – 9:25 AM  Coat-platelet Levels in Patients w/ Type 1 & Type 2 Diabetes Mellitus
Albina Gosmanova, M.D.
Assistant Professor
Department of Medicine, Endocrinology
University of Oklahoma Health Sciences Center

9:25 – 9:45 AM  Association of Body Mass Index, Race/Ethnicity & Gender in A Cohort of Systemic Lupus Erythematosus Patients w/ Diabetes and/or Hypertension
Jonea Lim, M.D.
Endocrinology Fellow
Department of Medicine, Endocrinology
University of Oklahoma Health Sciences Center

9:45 – 10:05 AM  Testing the Association of Novel META-Analysis-Derived Diabetes Risk Genes w/ Type 2 Diabetes & Related Metabolic Traits in Asian Indian Sikhs
Dharambir Sanghera, Ph.D., FAHA
Associate Professor of Human Genetics
Department of Pediatrics, Section of Genetics
University of Oklahoma Health Sciences Center
10:05 – 10:25 AM  Gender Differences in Prevalence of Metabolic Syndrome & It’s Components in Patients w/ Peripheral Arterial Disease  
Raha Nael, M.D.  
Vascular Medicine Fellow  
Department of Internal Medicine, Cardiovascular Section  
University of Oklahoma Health Sciences Center

10:25 – 10:45 AM  Break

10:45 – 11:05 AM  Tyrosine Nitration of PA700 Activates the 26S Proteasome to Cause Endothelial Dysfunction in Mice w/ Angiotensin II-induced Hypertension  
Jian Xu, Ph.D.  
Assistant Professor of Research  
Department of Medicine, Endocrinology  
University of Oklahoma Health Sciences Center

11:05 – 11:25 AM  Endoplasmic Reticulum Stress is Implicated in Retinal Inflammation & Diabetic Retinopathy  
Sarah X. Zhang, M.D.  
Assistant Professor  
Department of Medicine, Endocrinology  
University of Oklahoma Health Sciences Center

11:25 – 11:45 AM  Endogenous *Klebsiella Pneumoniae* Endophthalmitis in a Streptozotocin-induced Diabetic Murine Model  
Brandt Wiskur, B.S.  
Graduate Research Assistant  
Department of Ophthalmology  
Dean McGee Eye Institute

11:45 – 12:05 PM  Identification of Novel Anti-Inflammatory Function for SERPINA3K and the Molecular Mechanisms  
Bin Zhang, B.S.  
Graduate Research Assistant  
Department of Cell Biology  
Department of Medicine, Endocrinology  
University of Oklahoma Health Sciences Center
12:05 – 1:30 PM  Lunch & Poster Session - Judging of posters

1:30 – 1:50 PM  Blood-Retinal Barrier Hyperpermeability in Caveolin-1 Null Mice
Michael H. Elliott, Ph.D.
Research Instructor
Department of Ophthalmology
Dean A. McGee Eye Institute
University of Oklahoma Health Sciences Center

1:50 – 2:10 PM  Effect of Hyperglycemia on Leukocyte Migration & Differentiation in a 3D Human in Vitro Tissue Model
Heather Fahlenkamp, Ph.D.
Assistant Professor
School of Chemical Engineering
Oklahoma State University ~ Stillwater

2:10 – 2:30 PM  Acute Inhibition of Fatty Acid Oxidation Inhibits GLUT4 Transcription in Adipose Tissue, But Not Muscle Tissue
Ann Louise Olson, Ph.D.
Associate Professor
Department of Biochemistry, Molecular Biology
University of Oklahoma Health Sciences Center

2:30 – 2:50 PM  Web-based Management of Diabetes Through Glucose Uploads: Has The Time Come For Telemedicine?
Madona Azar, M.D.
Endocrinology Fellow
Department of Medicine, Endocrinology
University of Oklahoma Health Sciences Center

2:50 – 3:10 PM  Active Video Games Promote An Increase in Energy Expenditure in Children Similar to Standard Exercise
Kevin Short, Ph.D.
Assistant Professor
Department of Pediatrics, Section of Diabetes & Endocrinology
University of Oklahoma Health Sciences Center

3:10 – 3:30 PM  Break
Introduction of Guest: Steven D. Chernausek, M.D.

3:30 - 4:30 PM "How Obesity Went To Our Heads: CNS Regulation of Body Weight"
Randy Seeley, Jr, Ph.D.
Professor, Department of Psychiatry
Associate Director of the Obesity Research Center
University of Cincinnati

Turn in Evaluations: Timothy J. Lyons, M.D.

Awards for Winning Poster: Kenneth Copeland, M.D.

Closing Remarks: Jian-Xing Ma, M.D., Ph.D.