SATURDAY, NOVEMBER 20, 2010

9:00 – 9:30 AM  Registration
Continental Breakfast
Poster Set up

9:30 – 9:40 AM  Welcome
Timothy J. Lyons, MD
Director, Harold Hamm Oklahoma Diabetes Center
Chickasaw Chair of Diabetes Study
Professor of Medicine and Chief
Section of Diabetes and Endocrinology
University of Oklahoma College of Medicine

9:40 – 10:00 AM  COMPARISON OF VASCULAR COMPLIANCE AND ENDOTHELIAL
FUNCTION IN LEAN AND OBESE CHILDREN
Jeanie Tryggestad, MD
Pediatric Endocrine Fellow
Diabetes and Metabolism Research Program
Department of Medicine, Pediatrics, Endocrinology
Harold Hamm Oklahoma Diabetes Center
University of Oklahoma Health Sciences Center

10:00 – 10:20 AM  GENETIC VARIATION IN CHOLESTERYL ESTER TRANSFER
PROTEIN (CETP) GENE AFFECTS HDL CONCENTRATIONS IN
SUBJECTS WITH AND WITHOUT TYPE 2 DIABETES
Ashley Schierer, BS
Master of Science in Genetic Counseling Student
Department of Medicine, Pediatrics
University of Oklahoma Health Sciences Center

10:20 – 10:40 AM  SERUM CAROTENOIDS AND FAT-SOLUBLE VITAMINS IN
WOMEN WITH TYPE 1 DIABETES AND PRE-ECLAMPSIA: A
LONGITUDINAL STUDY
Madona Azar, MD
Assistant Professor of Medicine
Department of Medicine, Endocrinology
Harold Hamm Oklahoma Diabetes Center
University of Oklahoma Health Sciences Center

Arpita Basu, PhD, RD
Assistant Professor
Department of Nutritional Sciences
Oklahoma State University, Stillwater, Oklahoma
10:40 - 11:00 AM  Break

11:00 - 11:20 AM  RELATIONSHIP OF METABOLIC GENE EXPRESSION AND MITOCHONDRIAL CONTENT WITH BODY CONDITION SCORE IN HORSES
Heidi Banse
Resident, PhD Student
Center for Veterinary Health Sciences
Oklahoma State University, Stillwater, Oklahoma

11:20 - 11:40 AM  A POSSIBLE TREATMENT FOR TYPE-2 DIABETES?: THE EFFECT OF GLUT4 OVEREXPRESSION AND HIGH FAT DIET INDUCED OBESITY ON GLUCOSE AND LIPID METABOLISM
Brittanie Atkinson
Graduate Research Assistant
Departments of Biochemistry/Molecular Biology
University of Oklahoma Health Science Center

11:40 – Noon  INSULIN ENHANCES NORMAL ENDOMETRIAL CELL SUSCEPTIBILITY TO CARCINOGENESIS
Erin Bishop, MD
Fellow
Section of Gynecologic Oncology
Department of Obstetrics and Gynecology
University of Health Sciences Center

Noon – 2:00 PM  Lunch & Poster Session - Judging of posters

2:00 – 2:20 PM  MONOCLONAL ANTIBODY FOR LRP6 INHIBITS THE WNT PATHWAY AND INFLAMMATION IN DIABETIC RETINOPATHY
Kyungwon Lee, BS
Student
Departments of Cell Biology, Physiology
University of Oklahoma Health Sciences Center

2:20 – 2:40 PM  VISUALIZING THE OUTER BLOOD-RETINA BARRIER BREAKDOWN IN DIABETES AND ISCHEMIA
Yun Z. Le, PhD
Assistant Professor of Medicine
Department of Medicine, Endocrinology
Harold Hamm Oklahoma Diabetes Center
University of Oklahoma Health Sciences Center
2:40 – 3:00 PM
HARNESSING THE ANTI-OXIDANT TRANSCRIPTION FACTOR, Nrf2, TO PROTECT THE RETINA FROM OXIDATIVE STRESS
Scott Plafker, PhD
Assistant Professor
Department of Cell Biology
University of Oklahoma Health Sciences Center

3:00 – 3:20 PM
Break

Awards for Winning Posters & Oral Presentations

Reminder To Turn In Evaluations

3:20 – 3:30 PM
INTRODUCTION:
Steven D. Chernausek, MD
Professor of Pediatrics
Children’s Medical Research Institute Edith Kinney Gaylord Chair
Director, CMRI Diabetes and Metabolic Research Center
Harold Hamm Oklahoma Diabetes Center
University of Oklahoma Health Sciences Center

“Obesity, Insulin Resistance, and Links To Diabetes Type 2”

Richard N. Bergman, PhD
Keck Professor of Medicine
Chair, Department of Physiology & Biophysics
Keck School of Medicine
University of Southern California
School of Medicine
Los Angeles, California

Turn in Evaluations

Closing Remarks: Timothy J. Lyons, MD,
               Jian-Xing Ma, MD, PhD

4:30 - Reception