Symposium on Molecular and Physiological Aspects of Diabetes Mellitus
November 11, 2016

9:00- 9:10 Welcome Note – Juleen Zierath

Chair: Erik Näslund
9:10- 9:45 The Neurobiology of Need
Scott M. Sternson, Howard Hughes Medical Institute, Ashburn, Virginia, USA

9:45- 10:20 Sex Differences in Metabolism: Critical Role of Sex Chromosomes and Sex Hormones
Deborah Clegg, Cedars-Sinai Diabetes and Obesity Research Institute, Los Angeles, USA

10:20- 10:50 COFFEE BREAK

Chair: Mikael Rydén
10:50- 11:25 From p-values to proteins: making mechanistic sense from human genetics
Mark McCarthy, Oxford Centre for Diabetes, Endocrinology & Metabolism, University of Oxford, UK

11:25-12:00 Diabetes Prevention: Recent insights, new approaches, future questions
Steven E. Kahn, University of Washington, Seattle, USA

12:00-13:00 LUNCH

Chair: Per-Olof Berggren
13:00- 13:35 Hyperglycaemia induces metabolic dysfunction and glycogen accumulation in pancreatic β-cells
Frances Ashcroft, Dept. of Physiology, Anatomy & Genetics, University of Oxford, UK

13:35-14:10 Re-thinking targets for insulin sensitization
Debbie C. Thurmond, Beckman Research Institute of the City of Hope, Duarte, USA

14:10-14:40 COFFEE BREAK

Chair: Anna Krook
14:40-15:15 Mining the blood for cardiometabolic hormones
Robert E. Gerszten, Beth Israel Deaconess Medical Center, Boston, USA

15:15-15:50 Circadian transcriptional architecture in the mouse: genome-wide regulation of metabolism
Joseph Takahashi, University of Texas Southwestern Medical Center, Dallas, USA

15:50-16:00 CLOSING REMARKS