Symposium on Molecular and Physiological Aspects of Diabetes Mellitus

17 November, 2017

9:00- 9:10 Welcome Note
Juleen Zierath, Karolinska Institutet

Chair: Anna Krook, Karolinska Institutet

9:10- 9:45 Eating for two during pregnancy: a developing obesity crisis
Susan Ozanne, University of Cambridge Metabolic Research Laboratories, Cambridge, UK

9:45- 10:20 The evolving roles of satellite cells in muscle adaptation
Charlotte A. Peterson, University of Kentucky, College of Health Sciences, Lexington, USA

10:20- 10:50 COFFEE BREAK

Chair: Mikael Rydén, Karolinska Institutet

10:50- 11:25 Recent advances in the studies of human brown adipose tissue
Kirsi A. Virtanen, Turku University Hospital, Turku, Finland

11:25-12:00 Stimulating energy turnover to combat type 2 diabetes; insight from human translational interventions
Patrick Schrauwen, Maastricht University Medical Center, Maastricht, The Netherlands

12:00-13:00 LUNCH

Chair: Olov Andersson, Karolinska Institutet

13:00- 13:35 Induction of pancreatic beta-cell neogenesis
Patrick Collombat, Institut de Biologie Valrose, Nice, France

13:35-14:10 The pancreatic beta-cell response to metabolic stress
Vincent Poitout, University of Montréal Hospital Center, Montréal, Canada

14:10-14:40 COFFEE BREAK

Chair: Peter Arner, Karolinska Institutet

14:40-15:15 Origin and function of human beige/brite adipose tissue
Silvia Corvera, University of Massachusetts Medical School, Worcester, USA

15:15-15:50 Crosstalk between fat metabolism and neuronal signaling
Michael P. Czech, University of Massachusetts Medical School, Worcester, USA

15:50-16:00 CLOSING REMARKS