Arranged by the Strategic Research Programme in Diabetes

Symposium on Molecular and Physiological Aspects of Diabetes Mellitus

Friday, November 18, 2011 at Nobel Forum, Wallenbergssalen
Karolinska Institutet, Nobels väg 1, Solna
Symposium on Molecular and Physiological Aspects of Diabetes Mellitus

NOVEMBER 2011, AT NOBEL FORUM, WALLENBERGSALEN
KAROLINSKA INSTITUTET, NOBELS VÄG 1, SOLNA | 9:00–16:00 |

HOSTS
Professor Juleen R. Zierath
Department of Molecular Medicine and Surgery
Professor Per-Olof Berggren
Department of Physiology and Pharmacology
Professor Peter Arner
Department of Molecular Medicine and Surgery

9:00–9:10 WELCOME NOTE
Per-Olof Berggren
Chair: Per-Olof Berggren

9:10–9:45 STEM CELL-DERIVED ISLET CELLS FOR TRANSPLANTATION
Camillo Ricordi, University of Miami Diabetes Research Institute, Miami, FL, USA

9:45–10:20 A ROLE FOR THE CHC22 CLATHRIN HEAVY-CHAIN ISOFORM IN HUMAN GLUCOSE METABOLISM
Frances Brodsky, University of California, San Francisco, CA, USA

10:20–10:50 COFFEE BREAK
Chair: Helena Edlund

10:50–11:25 ISLET INFLAMMATION IN TYPE 2 DIABETES: BENEFICIAL OR DELETERIOUS
Marc Donath, University Hospital Basel, Basel, Switzerland

11:25–12:00 CNS, INSULIN AND LEPTIN ACTION IN THE CONTROL OF ENERGY HOMEOSTASIS
Jens C Brüning, University of Cologne and Max Planck Institute for Neurological Research, Cologne, Germany

12:00–13:00 LUNCH
Chair: Peter Arner

13:10–13:45 CIRCADIAN RHYTHMS, SLEEP, AND METABOLISM
Joe Bass, Northwestern University, Chicago, IL, USA

13:45–14:20 EPGENETIC MECHANISMS IN THE DEVELOPMENT OF TYPE 2 DIABETES
Rebecca Simmons, University of Pennsylvania School of Medicine, Philadelphia, PA, USA

14:20–14:50 COFFEE BREAK
Chair: Juleen R. Zierath

14:50–15:25 METABOLISM AND AGING
Cynthia Kenyon, University of California, San Francisco, CA, USA

15:25–16:00 CLASS IIA HISTONE DEACETYLASES AND GLUCOSE HOMEOSTASIS
Reuben J. Shaw, The Salk Institute for Biological Studies, La Jolla, CA, USA

Attendance is free of charge and open for everyone, however registration no later than November 11 at: ki.se/srp-diabetes