

4th Heidelberg International Symposium on Diabetic Complications

Thursday, November 16th

08.00 - 08.50	Registration
08.50	Welcome Stephan Herzig, Helmholtz Center Munich, Institute for Diabetes and Cancer, Munich
09.00 - 12.30	Session I: Clinical Management of Diabetic Complications
09.00	Metabolic Surgery to Reduce Complications of Type 2 Diabetes: Results of the STAMPEDE Trial Philip R. Schauer, Cleveland Clinic, Cleveland, USA
09.30	Mitochondrial sulfide therapy in the diabetic context: does inhibiting endogenous breakdown offer a new strategy? Nicholas M. Morton, University of Edinburgh, Edinburgh, UK
10.00	Signaling redundancy of the insulin receptor and coagulation protease receptors provide a new therapeutic approach to diabetic nephropathy Berend Isermann, Otto-von-Guericke-University Magdeburg, Magdeburg, Germany
10.30	Coffee break
11.00	Retinal vascular barrier in diabetes: novel aspects and treatment targets Reinier O. Schlingemann, Academic Medical Center, University of Amsterdam, Netherlands
11.30	Diabetic Retinopathy starts as a Neuropathy Michael D. Abramoff, UI Carver College of Medicine, Iowa City, USA
12.00 - 12.30	Short Talks I
12.00	Central corneal nerve fibre loss, an early sign of diabetic neuropathy is supported by the AGEs - RAGE axis Simone Baltrusch, University Medicine Rostock, University of Rostock, Germany
12.15	Mechanism of Reversal of Insulin Resistance and Vascular Inflammation In Obesity By Glyoxalase 1 Inducer, Trans-Resveratrol-Hesperetin Paul John Thornalley, University of Warwick, UK
12.30 - 13.30	Lunch break and poster session - Posters are displayed in Foyer
13.30 - 17.00	Session II: Mechanisms in Diabetic Complications
13.30	Senescent cells: an emerging target for disease of aging Darren Baker, Mayo Clinic College of Medicine, Rochester, USA
14.00	Proteostasis and AGEs Tilman Grune, DIFE - German Institute of Human Nutrition, Nuthetal, Germany
14.30	Metabolic reprogramming drives diabetic complications Subramaniam Pennathur, University of Michigan, Ann Arbor, USA
15.00	Coffee break
15.30	Posttranslation modifications in the pathophysiology of diabetic neuropathy Rohini Kuner, Department of Pharmacology, University of Heidelberg, Germany
16.00	Adipokine signaling and tumor complications Stephan Herzig, Helmholtz Center Munich, Institute for Diabetes and Cancer, Munich, Germany
16.30 - 17.00	Short Talks II
16.30	Hepatic heat shock proteins in Diabetes and long term diabetic complications Maik Brune, University Hospital Heidelberg, Heidelberg, Germany
16.45	Hypoglycemia Promotes Inflammation By Recruitment Of Non-classical Monocytes And Cytotoxic Lymphocyte Subsets In Patients With Type 1 Diabetes Jaqueline Ratter, Radboud University Medical Center, Nijmegen, Netherlands
17.00	End of Sessions

Friday, November 17th

08.00 - 08.50	Registration
09.00 - 12.30	Session III: (Epi)Genetics and adipose tissue
09.00	Healthy adipocyte Jan Kopecký, Czech Academy of Sciences (CAS), Prague, Czech Republic
09.30	Transcriptional networks regulating mesenchymal stem cell differentiation Susanne Mandrup, University of Southern Denmark, Odense, Denmark
10.00	Brown adipose tissue and lipid metabolism Jörg Heeren, University Medical Center Hamburg-Eppendorf (UKE), Hamburg, Germany
10.30	Coffee break
11.00	Epigenetics in obesity and diabetes Francesco Beguinot, University of Naples, Naples, Italy
11.30	Genetic and epigenetic predisposition for type 2 diabetes Annette Schürmann, DIfE - German Institute of Human Nutrition, Nuthetal, Germany
12.00 - 12.30	Short Talks III
12.00	Comparison of different human fat depots show distinct quantitative, qualitative and functional differences Benjamin Jaghutriz, Institute for Diabetes Research and Metabolic Diseases of the Helmholtz Center Munich at the University of Tuebingen & Dept. of Internal Medicine IV, Tuebingen, Germany
12.15	Novel Functions of Rab24 in Regulating Blood Glucose Homeostasis and Mitochondrial Activity in the Liver Anja Zeigerer, Institute for Diabetes and Cancer, Helmholtz Center Munich & German Center for Diabetes Research (DZD), Neuherberg, Germany
12.30 - 13.30	Lunch break and poster session Posters are displayed in Foyer
13.30 - 15.30	Session IV: Glucose Control by beta cells
13.30	Circadian control of lipid metabolism Gad Asher, Weizmann Institute of Science, Rehovot, Israel
14.00	Pancreatic island enhancers and diabetes susceptibility Ines Cebola, Imperial College London, London, UK
14.30	RNA binding proteins as metabolic regulators Markus Stoffel, ETH Zurich, Zurich, Switzerland
15.00	Growth Factor Regulation of Islet Biology Rohit N Kulkarni, Joslin Diabetes Center- Harvard Medical School, Boston
15.30	End of Sessions
15.30 - 16.00	Farewell Coffee break and poster session Posters are displayed in Foyer
16.00 - 17.00	EASD Business Meeting