



- TUE 1** Theresa Ester-Nacke (IDM)
Network targeted stimulation of insulin sensitive brain regions improves task performance and reduces caloric intake
- TUE2** Miguel Ángel Serrano Lope (DIfE)
Maternal diabetes in brain development: sexually dimorphic response to metformin treatment.
- TUE3** Selma Yagoub (DIfE)
The development of MC3R neurons, AgRP and POMC neuronal projections and the maintenance of intra-hypothalamic neuronal circuits.
- TUE4** Katharina Kaiser (DDZ)
Two novel genomic loci conferring T2D protection in an additive manner
- TUE5** Jenny Minh-An Khuong (DDZ)
Nbw4 locus on mouse chromosome 4 harbors candidate genes which protect from fat accumulation and obesity
- TUE6** Aspasia Thodou-Krokidi (HMGU)
Investigating the impact of FNDC4 gene variants on FNDC4 protein production, secretion and prediabetes risk
- TUE7** Martin Schön (DDZ)
Combining next generation sequencing and metabolic phenotyping to examine molecular mechanisms of reduced mitochondrial respiration in type 2 diabetes
- TUE8** Francisco Garcia (DIfE)
Impact of aging and adiposity on impaired skeletal muscle mitochondrial energy metabolism and regeneration
- TUE9** Miriam Hoene (IDM)
Increased Levels of N-Lactoylphenylalanine After Exercise are Related to Adipose Tissue Loss During Endurance Training in Humans With Overweight and Obesity
- TUE10** Amare Wolide (HMGU)
Cross-talk communication between Intermuscular Adipose Tissue and Skeletal Muscle under progressing Insulin Resistance
- TUE11** Estela Lorza Gil (IDM)
Effects of adrenergic-stimulated lipolysis and cytokine production on in vitro mouse adipose tissue–islet interactions



- TUE12** Pascal Gottmann (DIfE)
Exploring the role of less frequent islet cell types in type 2 diabetes pathogenesis
- TUE13** Margirt Kamel (PLID)
Reconstructing single cell trajectories reveals bile acid receptor signalling as an unexpected player in cell-fate decisions during endodermal organogenesis
- TUE14** Libera Valla (LMU)
Maternal diabetes affects beta-cell health in offspring – lessons from a genetically diabetic pig model
- TUE15** Thomas Fleming (UK Heidelberg)
Methylglyoxal Induces Endothelial Dysfunction via a Stunning-like Phenotype
- TUE16** Bachuki Shashikadze (LMU)
Maternal hyperglycemia causes metabolic alterations in the liver of neonatal offspring
- TUE17** Bachuki Shashikadze (LMU)
Proteomic signatures of the heart in insulin-deficient diabetes mellitus
- TUE18** Bachuki Shashikadze (LMU)
Proteomic and lipidomic signatures of the lung in insulin-deficient diabetes mellitus
- TUE19** Simone Renner (LMU)
Fat tissue inflammation in a diet-induced obese pig model - insights from multi-omics analyses
- TUE20** Sebastian Clauß (LMU)
Investigation of Diabetes-induced Atrial Remodeling in a Preclinical Large Animal Model
- TUE21** Marcela Prada (DIfE)
Plasma lipidomic n-6 Polyunsaturated Fatty Acids and Type 2 Diabetes Risk in the EPIC-Potsdam Prospective Cohort Study
- TUE22** Catarina Schiborn (DIfE)
The German Diabetes Risk Score: Estimating individual 10-year Type 2 Diabetes Risk
- TUE23** Neele Haacke (DIfE)
(Epi)genetic adaptations of skeletal muscle and adipose tissue to lifestyle interventions