

Program

1st Retreat RTG 2576 vivid

5th May 2021

09:00-09:10	Welcome addresses and brief status report <i>Prof. Hadi Al-Hasani and Prof. Regina Ensenaer</i>	
09:10-09:20	Introduction of new medical students	
09:20-09:45	P1a: Influence of maternal diet and sex-specific differences in fetal liver development <i>Celina Uhlemeyer, Institute for Vascular and Islet Cell Biology, DDZ Düsseldorf</i>	Chair: Dr. Chadt
09:45-10:10	P1b: Fetal programming of obesity and diabetes <i>Marten Schouwink, Department of General Paediatric, Neonatology and Paediatric Cardiology, UKD Düsseldorf</i>	
10:10-10:35	P2: Hyaluronan matrix in bone marrow adipose tissue: implications for the development and progression of insulin resistance <i>Katja Wegener, Institute of Pharmacology and Clinical Pharmacology, HHU Düsseldorf</i>	
10:35-10:50	P2 MD: Impact of Hyaluronan on differentiation of bone-marrow adipocytes <i>in vitro</i> <i>Oliver Steinhoff, Institute of Pharmacology and Clinical Pharmacology, HHU Düsseldorf</i>	
10:50 – 11:10 Coffee Break		
11:10-11:35	P3a: Modulation of acid sphingomyelinase function in lipid-induced insulin resistance <i>Mona Hendlinger, Institute for Clinical Diabetology, DDZ Düsseldorf</i>	Chair: Prof. Grandoch
11:35-12:00	P3b: Role of MICOS subunits MIC26 and MIC27 in the early development of type 2 diabetes and insulin resistance <i>Melissa Lubeck, Institute of Biochemistry and Molecular Biology I, HHU Düsseldorf</i>	
12:00-12:15	P3b MD: Role of MICOS subunits MIC26 and MIC27 in regulating mitochondrial lipid metabolism and early diabetes development <i>Nick Derkum, Institute of Biochemistry and Molecular Biology I, HHU Düsseldorf</i>	

12:15– 13:00 Lunch Break		
13:00- 13:40	<u>Guest speaker:</u> GRK 1874 DIAMICOM – Translational research in a nutshell <i>Prof. Dr. Hammes, Medical Faculty Mannheim, University Heidelberg</i>	
13:40- 14:05	P4: Metabolic flexibility in early diabetes development <i>Anna Scheel, Institute for Clinical Biochemistry and Pathobiochemistry, DDZ Düsseldorf</i>	Chair: Prof. Reichert
14:05- 14:30	P5: Role of Interleukin (IL-)6 trans-signaling in meta-inflammation and development of insulin resistance <i>Anna Rita Minafra, Institute of Biochemistry and Molecular Medicine, HHU Düsseldorf</i>	
14:30- 14:45	P5 MD: IL-12R β 1-independent activation of IL-23R via homodimerisation <i>Jana Reetz, Institute of Biochemistry and Molecular Medicine, HHU Düsseldorf</i>	
14:45 – 15:05 Coffee Break		
15:05- 15:30	P6: Exercise-triggered mechanisms contributing to beneficial metabolic responses and type 2 diabetes protection <i>Pia Förster, Institute for Clinical Biochemistry and Pathobiochemistry, DDZ Düsseldorf</i>	Chair: Dr. Belgardt
15:30- 15:45	P6 MD: Secretome analysis in murine skeletal muscle cells <i>Carolin Brügge, Institute for Clinical Biochemistry and Pathobiochemistry, DDZ Düsseldorf</i>	
15:45- 16:10	P7: Investigation of alternative mechanisms involved in the anti-diabetic (and protective) effects of dextromethorphan (DXM) <i>Angela Pelligra, Institute of Metabolic Physiology, HHU Düsseldorf</i>	
16:10- 17:00	<u>Guest speaker:</u> Detection and relevance of structural genetic variants <i>Prof. Tobias Marschall, Institute for Medical Biometry and Bioinformatics, HHU, Düsseldorf</i>	
17.00- open end	Closing remarks and virtual get together (wonder.me) <i>Prof. Hadi Al-Hasani and Prof. Regina Ensenaer</i>	