

Program



Work in Progress Seminar GRK 2576 vivid

08th December 2021, online Cisco Webex

<https://hhu.webex.com/hhu-en/j.php?MTID=m93df9f4a8f67a4133761d629513066f1>

Meeting number: 2731 382 6778; Password: XEwtWPjU753

09:00-09:10	Welcome address, news, and introduction of new medical students Prof. Hadi Al-Hasani and Prof. Regina Ensenaer	
09:10-09:25	P7: Investigation of alternative mechanisms involved in the anti-diabetic (and protective) effects of dextromethorphan (DXM) Angela Pelligra, Institute of Metabolic Physiology, HHU Düsseldorf	Chairs: Celina Uhlemeyer and Marten Schouwink
09:25-09:40	P6: Exercise-triggered mechanisms contributing to beneficial metabolic responses and type 2 diabetes protection Pia Förster, Institute for Clinical Biochemistry and Pathobiochemistry, DDZ Düsseldorf	
09:40-09:50	P6 MD: Secretome analysis in murine skeletal muscle cells Carolin Brügge, Institute for Clinical Biochemistry and Pathobiochemistry, DDZ Düsseldorf	
09:50-09:55	P6 MD: Insulin- and contraction signaling in skeletal muscle cells from individuals with insulin resistance and type 2 diabetes Michelle Isabel Deatc, Institute for Clinical Biochemistry and Pathobiochemistry, DDZ Düsseldorf	
09:55-10:10	P5: Role of Interleukin (IL)-6 trans-signaling in meta-inflammation and development of insulin resistance Anna Rita Minafra, Institute of Biochemistry and Molecular Medicine, HHU Düsseldorf	
10:10-10:20	P5 MD: IL-12R β 1-independent activation of IL-23R via homodimerisation Jana Reetz, Institute of Biochemistry and Molecular Medicine, HHU Düsseldorf	
10:20 – 10:40 Coffee Break		
10:40-10:55	P4: Metabolic flexibility in early diabetes development Anna Scheel, Institute for Clinical Biochemistry and Pathobiochemistry, DDZ Düsseldorf	Chairs: Angela Pelligra and Pia Förster
10:55-11:00	P4 MD: Distinct signaling pathways of TBC1D1 and TBC1D4 in insulin-sensitive cells Jasmin Eftekharzadeh, Institute for Clinical Biochemistry and Patho-biochemistry, DDZ Düsseldorf	
11:00-11:15	P3b: Role of MICOS subunits MIC26 and MIC27 in the early development of type 2 diabetes and insulin resistance Melissa Lubeck, Institute of Biochemistry and Molecular Biology I, HHU Düsseldorf	

11:15-11:25	P3b MD: Role of MICOS subunits MIC26 and MIC27 in regulating mitochondrial lipid metabolism and early diabetes development Nick Derkum , <i>Institute of Biochemistry and Molecular Biology I, HHU Düsseldorf</i>	
11:25-11:40	P3a: Modulation of acid sphingomyelinase function in lipid-induced insulin resistance Mona Hendlinger , <i>Institute for Clinical Diabetology, DDZ Düsseldorf</i>	
11:40-11:55	P2: Hyaluronan matrix in bone marrow adipose tissue: implications for the development and progression of insulin resistance Katja Wegener , <i>Institute of Pharmacology and Clinical Pharmacology, HHU Düsseldorf</i>	
11:55-12:05	P2 MD: Impact of Hyaluronan on differentiation of bone-marrow adipocytes <i>in vitro</i> Tim Seher , <i>Institute of Pharmacology and Clinical Pharmacology, HHU Düsseldorf</i>	
12:05 – 13:00 Lunch Break		
13:00-13:15	P1b: Fetal programming of obesity and diabetes Marten Schouwink , <i>Department of General Paediatric, Neonatology and Paediatric Cardiology, UKD Düsseldorf</i>	Chairs: Anna Scheel
13:15-13:25	P1b MD: Analysis of candidate targets in mouse and human blood at birth Thomas Hautzinger , <i>Department of General Paediatric, Neonatology and Paediatric Cardiology, UKD Düsseldorf</i>	and Melissa Lubeck
13:25-13:40	P1a: Influence of maternal diet and sex-specific differences in fetal liver development Celina Uhlemeyer , <i>Institute for Vascular and Islet Cell Biology, DDZ Düsseldorf</i>	
13:40-13:45	P1a MD: Influence of maternal diet and sex-specific differences in fetal liver development Anna Heusch , <i>Institute for Vascular and Islet Cell Biology, DDZ Düsseldorf</i>	
13:45-14:00	Closing remarks Prof. Hadi Al-Hasani and Prof. Regina Ensenaer	
 18:00 Vivid Christmas market 		
Outdoor at the back side of the DDZ building (under 2G+ condition) Please share sausages, hot soup, quiches, cookies, hot wine punch, tea, and face-to-face-chats with us. 