

Program

5th joint Diabetes and Metabolism Research Symposium

Thursday June 18th 2015

Time	Venue: Maastricht School of Management, Business Lounge	
12.30	Arrival with coffee and tea	
Time	Venue: Maastricht School of Management, Function Hall	Speaker
13.00	Welcome	Patrick Schrauwen
	Session 1: Metabolic Signaling and β-cell function <i>Chairs: Christian Herder and Jérôme Eeckhoutte</i>	
13:15	Immunological and metabolic effects of the novel adipokine Sfrp5.	M. Carstensen-Kirberg
13.30	The nuclear receptor FXR regulates GLP-1 secretion by enteroendocrine L cells.	Sophie Lestavel
13:45	The role of the Rab-GTPase-activating protein TBC1D1 in islet function and insulin secretion in mice.	Torben Stermann
Time	Venue: Maastricht School of Management, Function Hall	Speaker
	Session 2: Insulin Sensitivity <i>Chairs: Michael Roden and H�el�ene Duez</i>	
14:00	Dietary fat regulates chronic variable stress effects on insulin sensitivity.	Tamara Casta�eda
14:15	Identification of novel susceptibility genes for diabetes- and obesity-related traits in a backcross of obese NZO with lean C3H mice.	Tanja Schallschmid
14:30	The effect of small and broad spectrum antibiotics on microbiota composition, metabolic profile and insulin sensitivity.	Dorien Reijnders
14:45	Early modulators of glycaemic control, insulin sensitivity and insulin secretion in patients with recently diagnosed diabetes.	Katharina Weber

Time	Venue: Maastricht School of Management, Business Lounge
15:00	Coffee and tea break

Time	Venue: Maastricht School of Management, Function Hall	Speaker
	Session 3: Cell Stress and Inflammation <i>Chairs: Bart Staels and Ronit Shiri-Sverdlov</i>	
15:30	Regulation of B-cell function by the nuclear acid receptor FXR and metabolic consequences.	Laurent Pineau
15:45	Adipose tissue macrophages and macrovascular complications in obesity.	Kristiaan Wouters
16:00	The role of FXR in the development of obesity-induced adipose tissue inflammation.	Arianna Marino
16:15	Plasma cathepsin D levels: a novel tool to predict paediatric hepatic inflammation.	Sofie Walenbergh
16:30	Mitochondrial respiration induced pro-inflammatory polarisation in leukocytes is associated with insulin sensitivity.	Kirti Kaul
16:45	Macrophage-specific deletion of RORalpha exacerbates inflammation and leads to insulin resistance.	Olivier Molendi
17:00	Hematopoietic overexpression of Cyp27a1 reduces hepatic inflammation independently of 27-hydroxycholesterol in LDLR ^{-/-} mice.	Mike Jeurissen

Time	Maastricht City Center
Evening	For those interested we will organize diner / a tour past the many (diner)pubs in Maastricht. For this we'll make small groups and a PhD student or postdoc from Maastricht will be your guide. Diner will be at your own expense.

Friday June 19th 2015

Time	Venue: Maastricht School of Management, Function Hall	Speaker
	Session 4: Liver, postprandial and bile acid metabolism <i>Chairs: Olivier Briand and Jogchum Plat</i>	
8:30	Tissue-specific mechanisms of insulin resistance in mice with primary and secondary non-alcoholic fatty liver.	Tomas Jelenik
8:45	Impact of PKA activation on FXR-regulated transcription and gluconeogenesis.	Maheul Ploton
9:00	Abnormal hepatic energy metabolism in newly diagnosed patients with type 1 diabetes.	Sofiya Gancheva
9:15	FOXA2 : a new regulator of the bile acid nuclear receptor FXR in the liver.	Claire Mazuy
9:30	The effects of dietary weight loss on vascular function in the fasting and postprandial phase: a RCT with healthy abdominally obese men.	Peter Joris
9:45	Bile acids in bariatric surgery.	Fanny Lalloyer

Time	Venue: Maastricht School of Management, Business Lounge	
10:00	Coffee and tea break	
Time	Venue: Maastricht School of Management, Function Hall	Speaker
	Session 5: White and Brown Adipose Tissue <i>Chairs: Jürgen Eckel and Gijs Goossens</i>	
10:30	Bile acids activate human brown adipose tissue, enhance energy expenditure, and cellular respiration.	E. Nascimento / Evie Broeders
10:45	Adipose-specific DPP4 knockout mice display improved fasting insulin and smaller adipocytes on high-fat diet.	Diana Röhrborn
11:00	Cold acclimation improves insulin sensitivity in patients with type 2 diabetes mellitus.	Mark Hanssen
11:15	Eicosapentaenoic acid and arachidonic acid differentially regulate white-to-brown conversion and mitochondrial function in primary human adipocytes.	Manuela Elsen
11:30	Depot differences in adipose tissue oxygen tension are associated with metabolic and cardiovascular risk in overweight and obese women.	Max Vogel
Time	Venue: Maastricht University, UNS40 level 0, 'Drielandenpunt'	
11:45	Lunch and poster viewing	
Time	Venue: Maastricht University, UNS50, K0.402	
	Session 6: Guest lecture <i>Chair: Wouter van Marken Lichtenbelt</i>	
13.15	Systemic regulation of energy metabolism in response to cold exposure.	Prof. Jörg Heeren
Time	Venue: Maastricht University, UNS50, K0.402	Speaker
	Session 7: Muscle and Mitochondria <i>Chairs: Jesper Lundbom and Joris Hoeks</i>	
14:00	LEPROTL1 regulates skeletal muscle plasticity through an ERK1/2-mediated protective stress response.	Yasmine Sebti
14:15	Identification of microRNAs involved in the regulation of muscle mitochondrial metabolism.	Dennis Dahlmans
14:30	Rev-erba in skeletal muscle lipid metabolism.	A. Mayeuf-Louchart
14:45	Inactivation of glycogen synthase kinase 3 β (GSK-3 β) enhances skeletal muscle oxidative metabolism.	Alex Remels
15:00	Rev-erba exacerbates ER stress-induced mitochondrial damage and subsequent apoptosis in skeletal muscle.	Alexis Boulinguez
Time	Venue: Venue: Maastricht University, UNS50, level 0	
15:15	Closing reception	