

Program NASO Scientific Spring Meeting 2020

Date: July 1st 2020
Time: 9:00 – 13:00
Location: Zoom

Program for today

- 9:00 – 9:10 Welcome (*Gijs Goossens, NASO president*)
- 9:10 – 9:55 **The cleaner, the slimmer: how brain immune cells regulate our body weight** by *Chun-Xia Yi, Dept Endocrinology and Metabolism, Amsterdam UMC, Location AMC*
The major interest of our lab is to dissect the molecular mechanism in the hypothalamic neuron-glia interaction in regulation of energy homeostasis, at levels of intercellular communications, intracellular metabolism and organelles interaction. We study the microenvironment in which neurons live. This is supported and maintained by other cells. In this microenvironment, microglia function as the immune homeostatic keeper, by clearance of debris produced by different cells and initiate immune response. The interaction between these cell types may affect brain regulation on energy homeostasis.
<http://www.chun-xia-yi.nl/>
- 9:55 – 10:10 **Pharmacological treatment with FGF21 activates adipose tissue thermogenesis to protect against adiposity and atherosclerosis in APOE*3-Leiden.CETP mice**
Cong Liu – Dept of Medicine, Einthoven Laboratory for Experimental Vascular Medicine, Leiden UMC
- 10:10 – 10:25 **Effect of dexamphetamine on weight and satiety in Temple syndrome**
Mila S. Welling - Obesity Center CGG, Erasmus MC; Dept. of Pediatrics div. of Endocrinology, Erasmus MC-Sophia Children's Hospital; Dept. of Internal Medicine, Erasmus MC, Rotterdam, The Netherlands
- 10:25 – 10:45 *Coffee break (BYO ;)*
- 10:45 – 11:30 The Healthy Primary School of the Future: results and considerations** by *Onno van Schayck, Department of Family Medicine, Care and Public Health Research Institute (CAPHRI), Maastricht University, Maastricht, The Netherlands*
Prof. van Schayck is internationally recognized as a leading expert in the research on early diagnosis and treatment of asthma and COPD in primary care and the community. He co-authored more than 450 international and 100 national peer reviewed articles. As a Professor in Preventive Medicine, he is involved in studies

that investigate how prevention could lead to better health, covering a large number of different research areas. For example, he has set up a program to stimulate smoking cessation through the workplace and is conducting a controlled experiment in primary schools that promotes healthy habits in children.

<https://www.maastrichtuniversity.nl/news/promising-results-healthy-primary-school-future>

<https://www.caphri.nl/profile/onno.vanschayck@maastrichtuniversity.nl>

11:30 – 11:45 Synergistic effect of feeding time and diet on hepatic steatosis and gene expression in male Wistar rats

Joelle E. Oosterman - Dept of Endocrinology and Metabolism, Amsterdam UMC; Hypothalamic Integration Mechanisms, NIN; Dept of Microbiology and Systems Biology, TNO Zeist, Netherlands.

11:45 – 12:00 Oral butyrate induces satiety and improves insulin resistance via gut microbiota

Zhuang Li - Dept. Medicine, Div. Endocrinology, LUMC, Leiden, The Netherlands

12:00 – 12:10 Award ceremony NASO Publication Prize 2020

12:10 – 12:15 *Mini break*

12:15- 13:00 ALV

*** the language is English ***

*** For more information: E.Corpeleijn@umcg.nl ***