

Programme NASO Scientific Spring Meeting 2022



Date: March 30 2022
Time: 10:00 – 18:00 (dinner afterwards at the same location)
Location: Stadskaasteel Oudaen
Oudegracht 99, 3511 AE Utrecht | T: 030-231 1864 | www.oudaen.nl

Preliminary Programme

- 09:30 – 10:00 [Registration](#)
- 10:00 – 10:10 Welcome, incl PON video (*Eva Corpeleijn, NASO president*)
- 10:10 – 10:30 A novel successful therapeutic option after a journey of treatment failures in a patient with heterozygous melanocortin-4 receptor deficiency
Mila Welling- Obesity Center CGG/ Endocrinology Erasmus MC
- 10:30 – 10:50 Higher Glucocorticoid Receptor Sensitivity is Associated with Less Favorable Body Composition in Patients with Obesity
Robin Lengton – Endocrinology Erasmus MC /Obesity Center CGG
- 10:50 – 11:50 **Keynote: Role of adipose tissue in weight regain after weight loss**
Prof. Marleen van Baak – Human Biology, MUMC
Weight loss causes profound changes in adipose tissue. The presentation will address the question whether these changes or their recovery play a role in weight regain.
- 11:50 – 12:50 [Lunch break](#)
- 12:50 – 13:10 Imaging the GLP-1 receptor in human by using radiolabeled exendin-4 PET/CT
Laura Deden – Rijnstaete Arnhem
- 13:10 – 13:30 Sociodemographic characteristics as an effect modifier of the causal impact of classical cardiovascular risk factors on atherogenic cardiovascular disease: a Mendelian Randomization study
Leon Martens - Internal Medicine LUMC
- 13:30 – 13:50 Resting energy expenditure and body composition in children and adolescents with genetic, hypothalamic, medication-induced or multifactorial severe obesity
Ozair Abawi – Pediatrics Erasmus MC / Obesity Center CGG
- 13:50 – 14:10 Run for your live(r): Exercise training at different times of day differentially modulates hepatic inflammation in early NAFLD
Artemiy Kovynev – Endocrinology LUMC/Eindhoven Lab.
- 14:10 – 14:30 Gut microbiome profiling in tissue-specific insulin resistance: A cross-sectional analysis of the PERSON study
Kelly Jardon – Human Biology, Maastricht University

- 14:30 – 14:50 Hair cortisol, obesity and the immune system: Results from a 3 year longitudinal study
Eline van der Valk - Obesity Center CGG/ Endocrinology Erasmus MC
- 14:50 – 15:10 *Coffee/tea break*
- 15:10 – 16:10 **Keynote: Renal magnesium handling in health and disease**
Prof. Joost Hoenderop – Molecular kidney physiology Radboud University
In this lecture Hoenderop will discuss about the relevance of maintaining the magnesium homeostasis and underline the mechanisms of renal magnesium handling in health and disease. Research over the last years indicated that 30% of patients with diabetes mellitus type 2 has hypomagnesemia and he will discuss potential mechanisms to explain these magnesium disturbances.
- 16:10 – 16:30 Fibroblast growth factor 21 potently protects against diet-induced obesity, atherosclerosis and NASH development
Cong Liu - Endocrinology LUMC/Eindhoven Lab.
- 16:30 – 16:50 Angiotensin-like 4 dictates the day-night rhythm of metabolic brown adipose tissue activity
Robin van Eenige – Endocrinology LUMC/Eindhoven Lab.
- 16:50 – 17:05 Award ceremony NASO Publication Prize 2021, with pitches of the Top3 nominees:
- *Xiao-Lan Wang, LNCA/Endocrinology UMCA: Microglia-specific knock-down of Bmal1 improves memory and protects mice from high fat diet-induced obesity*
 - *Rens van Meijel, Human Biology, MUMC: Mild intermittent hypoxia exposure induces metabolic and molecular adaptations in men with obesity*
 - *Iris de Hoogh, TNO: The Effect of a Lifestyle Intervention on Type 2 Diabetes Pathophysiology and Remission: The Stevenshof Pilot Study*
- 17:05- 18:00 ALV (partly in English and partly in Dutch, members only)
- 18:00 – late *Free Social Dinner! (only for those who registered)*

*** the language is English ***

*** dinner is served as a buffet, so food is served in time, to suit the far-away travelers ***

*** For more information: evert.vanschothorst@wur.nl / office.hap@wur.nl ***