

Final Program NASO Scientific Spring Meeting 2021

Date: April 14, 2021

Time: 10:00 – 17:00

Location: Zoom

Detailed program for today

10:00 – 10:10 Welcome (*Eva Corpeleijn, NASO president*)

10:10 – 10:55 Abstract presentations

10.10, **Kelly Jardon** (MUMC)- 12-week combined polyphenol supplementation: indications for sex-specific differences in gut microbiome-host metabolism interaction in individuals with overweight and obesity

10.25, **Zhuang Li** (LUMC)- Dietary butyrate promotes intestinal GLP-1 release to reduce appetite and induce fat oxidation via central GLP-1 receptor signaling

10.40, **Jeroen van der Velde** (LUMC)- Timing of physical activity is associated with reduced insulin resistance, but not with liver fat content

10:55 – 11:00 *Mini break, BYO ;)*

11:00 – 12:00 Keynote presentation: Understanding aetiology of type 2 diabetes underpins the practical details for remission' by

Prof. Roy Taylor, Newcastle University, Newcastle upon Tyne, UK

Professor Roy Taylor is Professor of Medicine and Metabolism, University of Newcastle.

Together with Professor Mike Lean at the University of Glasgow, he is leading the DiRECT study. As Director of Newcastle Magnetic Resonance Centre, his special interest is in the physiological mechanisms underlying insulin resistance and metabolic abnormalities in type 2 diabetes, and in how this knowledge can be used for practical treatment modalities.

12:00 – 12:30 Abstract presentations

12.00, **Laura Deden** (Rijnstate)- Pancreatic uptake of radiolabelled exendin as a measure of beta cell mass in type 2 diabetes before and after gastric bypass surgery (RYGB)

12.15, **Susanne Kuckuck** (Erasmus MC)- Changes in long-term appetite-regulating hormones in response to a combined lifestyle intervention for obesity

12:30 – 13:30 Break-out sessions (12.30-13.00) and **Lunch break (BYO)**

Program continues on next page.....

- 13:30 – 14:15 Abstract presentations
- 13.30, **Robert Memelink** (AUas)- Benefits of exercise in addition to diet in people with overweight or obesity and type 2 diabetes: a systematic review and meta-analysis
- 13.45, **Ozair Abawi** (Erasmus MC)- Impact of the COVID-19 pandemic and related lockdown measures on lifestyle behaviours and wellbeing in children and adolescents with severe obesity
- 14.00, **Robin van Eenige** (LUMC)- Concomitant glucose-dependent insulinotropic receptor (GIPR) and glucagon-like peptide-1 receptor (GLP1R) agonism stimulates triglyceride-rich lipoprotein metabolism and attenuates atherosclerosis development

14:15 – 14:45 Award ceremony NASO Publication Prize 2021, including pitches

14:40 – 15:00 *Tea/coffee break*

15:00 - 16:00 Meet and greet **DSMBS** (Dutch Society for Metabolic and Bariatric Surgery) & **NASO** *Exact set-up TBD*

16:00 - 17:00 General assembly (NASO members only)

Pay attention: **ALV** is accessible only via the **distributed Zoom link**

*** the language is English ***

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