1st Mini-symposium on Human Milk Oligosaccharides in Pregnancy – Back to the Future
September 2nd, 2016, Graz, Austria

Program

09.00 - 09.20 Welcome and Introduction:
Caroline Schober-Trummler, Vice Dean for Research and International Affairs, Medical University of Graz

Uwe Lang, Head of Dept. of Obstetrics and Gynecology, Medical University of Graz

09.20 - 10.45 Session: Human Milk Oligosaccharides - Benefits for the Infant, Chair: Evelyn Jantscher-Krenn, Student Chair: Lukas Schönbacher

09.20 - 10.05 Lars Bode, Dept. of Pediatrics, University of California San Diego, USA, ‘Short- and long-term benefits of human milk oligosaccharides’, Key note lecture

10.05 - 10.20 Zahra Khan, Division of Neonatology, Medical University of Graz, ‘Impact of prematurity on body fat mass’

10.20 - 10.45 Belinda Van’T Land, Department of Pediatric Immunology, University Medical Center Utrecht, The Netherlands ‘Human Milk Oligosaccharides early in life prevent the development of type 1 diabetes in NOD mice’

10.45 - 11.15 Coffee Break

11.15 - 12.35 Session: Oligosaccharides in Pregnancy, Chair: Stefan Spirk, Student Chair: Olivia Nonn

11.15 - 11.40 Astrid Hogenkamp, Dept. of Pharmacology, Utrecht University, The Netherlands, ‘Long-term immune modulation through maternal dietary intervention with oligosaccharides’

11.40 - 11.55 Barbara Petschacher, Institute of Biotechnology and Biochemical Engineering, Graz University of Technology, ‘Biotechnological production of fucosylated human milk oligosaccharides’

11.55 - 12.10 Eva-Christine Weiss, Dept. of Obstetrics and Gynecology, Medical University of Graz, ‘Peripartal probiotic supplementation’

12.10 - 12.35 Jantscher-Krenn, Dept. of Obstetrics and Gynecology, Medical University of Graz, ‘First evidence of Human Milk Oligosaccharides in maternal serum during pregnancy – roles for maternal and fetal health?’

12.35 - 14.00 Lunch and Posters
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14.00 - 15.05  Session: Metabolism in Pregnancy - Roles for HMO? Chair: Mireille van Poppel, Student chair: Denise Hoch

14.00 - 14.25  Peter Damm, Dept. of Obstetrics, Rigshospitalet, Denmark, ‘Maternal and offspring long-term consequences of diabetes in pregnancy’

14.25 - 14.40  Mila Cervar-Zivkovic, Dept. of Obstetrics and Gynecology, Medical University of Graz, Austria, ‘First trimester screening for diabetes and preeclampsia – potential role for oligosaccharides’

14.40 - 15.05  Gernot Desoye, Dept. of Obstetrics and Gynecology, Medical University of Graz, Austria, ‘Gestational Diabetes – a role for the placenta?’

15.05 - 15.30  Coffee Break

15.30 – 16.15  Session: Metabolism in Pregnancy - Roles for HMO? Chair: Jantscher-Krenn

15.30 - 15.55  Mireille van Poppel, Institute of Sports Sciences, University of Graz, ‘Physical activity in pregnancy and maternal metabolism’

15.55 - 16.10  Christine Moissl-Eichinger, Dept. of Internal Medicine, Medical University of Graz, ‘The human microbiome: preparing for a life with microbes?’

16.10 - 16.15  Closing Remarks

Organizing Committee

Co-chairs
Evelyn Jantscher-Krenn, Medical University Graz
Mireille van Poppel, University of Graz
Stefan Spirk, Technical University of Graz

Student chairs
Denise Hoch
Olivia Nonn
Lukas Schönbacher

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