

Preliminary Program

from 08.15 *Registration*

08.45 - 09.00 *Welcome and Introduction:*

Herbert Fluhr, Head of Division of Obstetrics, Medical University of Graz

09.00 - 10.30 *Session I: Human milk oligosaccharides, Chair: Evelyn Jantscher-Krenn*

09.00 - 09.40 **Clemens Kunz**, Justus-Liebig-University Gießen, Department of Nutrition and Metabolism,
Key note lecture (*live online*)

09.40 - 10.55 **Evelyn Jantscher-Krenn**, Dept. of Obstetrics and Gynecology, Medical University of Graz,
'Human Milk Oligosaccharides– Roles for Maternal and Fetal Health?'

10.55 – 10.10 **Ursula Hiden**, Dept. of Obstetrics and Gynecology, Medical University of Graz, **'HMOs in
Cord Blood are altered in Gestational Diabetes and Stimulate Feto-placental
Angiogenesis in vitro'**

10.10 - 10.35 *Coffee Break*

10.35 - 12.25 *Session II: Microbiome, Chair: TBD*

10.35 - 11.00 **David Sela**, University of Massachusetts Amherst, USA, **'Nursing our Microbiota:
Molecular Linkage between Bifidobacteria and Milk Oligosaccharides'**

11.00 - 11.20 **Christine Moissl-Eichinger**, Institute of Hygiene, Microbiology & Environmental Medicine,
Medical University Graz, **'Preterm infants gut microbiome in three Austrian NICUs'**

11.20 - 11.45 **Tobias Madl**, Division of Molecular Biology and Biochemistry, Medical University Graz,
**'NMR-based metabolomics: what can it provide for research on human milk
oligosaccharides?'**

11.45 - 12.00 **Charlotte Neumann**, Institute of Hygiene, Microbiology & Environmental Medicine, Med
Uni Graz; **'Pregnancy microbiome – First insights from the TRAMIC study'**

12.00- 12.25 **Thomas Vogl**, Institute of Hygiene, Microbiology & Environmental Medicine, Medical
University Graz, **'Deciphering human antibody repertoires against the microbiome in
health and disease'**

12.25 - 13.30 *Lunch and Posters*





- 13.30 - 15.10 *Session III: Immunology and Metabolism, Chair: TBD, Student Chair: TBD*
- 13.30 - 13.55 **Marijke Faas**, University of Groningen, Department of Pathology and Medical Biology, *'Pregnancy Immunology'*
- 13.55 – 14.20 **Maria Ramos**, UT Southwestern Medical Center, Internal Medicine- Endocrinology, *'Glucose metabolism during lactation - a role for HMOs?'*
- 14.20 - 14.45 **Barbara Obermayer-Pietsch**, Dept. of Internal Medicine, Division of Endocrinology & Diabetology, Medical University of Graz; *'PCOS - an „old“ syndrome with new perspectives'*
- 14.45 - 15.10 **Laura Galante**, University of Turku, Department of Biology (live online), *'Maternal milk compositional fingerprint: an evolutionary perspective'*
- 15.10 – 15.35 *Coffee Break*
- 15.35 - 17.15 *Session IV: HMOs for cardiovascular health, Chair: Ursula Hiden; Student Chair:*
- 15.35 - 16.00 **Ariane Pessentheiner**, Division of Molecular Biology and Biochemistry Medical University of Graz, *'HMOs in atherosclerosis'*
- 16.00 - 16.25 **Cheryl Tan**, Radcliffe Department of Medicine, Medical Sciences Division, *'Studying Cardiovascular Disease Development'*
- 16.25 - 16.50 **Sandra Blois**, Universitätsklinikum Hamburg-Eppendorf (UKE), Department of Obstetrics and Fetal Medicine: *'Galectins in Pregnancy' (online)*
- 16.50 - 17.05 **Soyhan Bagci and Lara von Schirnding**, University of Bonn, Dept. of Neonatology and Pediatric Intensive Care, *'HMOs in Amniotic Fluid – Implications for preterm nutrition?'*
- 17.05 - 17.15 *Closing Remarks*

