Thursday, October 8th

Anatomische Anstalt, LMU München

08:00–08:30
Opening and Welcome Adress

Chairs: Melissa Theurich, Maureen Groer, Andreas Flemmer, Berthold Koletzko, Sven Kehl

08:30–10:00 |Session 1
Breastfeeding and Lactation Science—Past, Present, Future

Chairs: Shelley McGuire, Melissa Theurich

Past: History of breastfeeding practices in the United States (Jaqueline Wolf)

Exploring Human Milk Lipids: what have we learned? (Berthold Koletzko)

The future of breastfeeding: Human connection in an age of bioinnovation (Alexandra Whittington)

Break

10:30–11:15 |Special Session 1
Macy-Gyorgi Award Announcement & Recipient lecture

Chair: Maureen Groer

11:15–12:15| Special Session 2
TIG (Trainee Interest Group) and TEP (Trainee Expansion program) event

Chair: Bryan Presno

11:15-11:45 | Museum Exhibition

11:45-12:15 | Museum Exhibition

Break

13:15–14:45 | Session 2
Breastfeeding and Short and Long Term Women's Health

Chairs: Maureen Groer, Adetola Louis-Jacques

The p(reset) hypothesis: Lactation and maternal cardiometabolic health (Alison Stuebe)

Lactation for Mom's Sake: Understanding the Molecular Basis (Adetola Louis-Jacques)

Break

15:00–16:30 | Session 3
The Latest Research on Drug and Chemical Exoposures

Chairs: Kaytlin Krutsch, Irma Castro Navarro

Moving Lactation Modeling Forward (Elimika Fletcher)

Medication and supplement use during breastfeeding: a worldwide perspective (Elina Tommelein)

16:30–17:30 | Special Session 3
TIG (Trainee Interest Group) professional development event

Chair: Bryan Presno

16:30-17:00 | Museum Exhibition

17:00-17:30 | Museum Exhibition

17:30–18:30 | Poster Session 1

Chair: tba

18:30–20:00 | Get Together

Friday, October 9th

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08:00–09:30 | Session 4
From Molecules to Megabytes: Big Data Insights into Human Milk and Lactation

Chairs: Meghan Azad, Janet Williams

Human Milk Multi-Omics: Findings & Lessons Learned from the International Milk Composition Consortium (Meghan Azad)

TBA (Janet Williams)

Modelling human lactation using in vitro and in silico approaches (Alecia-Jane Twigger)

09:30–10:00 | Group Photo

Break

10:30–12:00 Session 5
Human Milk as Medicine

Chairs: Ellen Demerath, Kelley Baumgartel

Milk as Medicine in Ancient Egypt: Selected Case Studies (Julia Budka)

Human Milk Banking in Europe: Past, Present and Future (Sertaç Arslanoğlu)

HAMLET in Milk (Catharina Svanborg)

11:15-11:45 | Museum Exhibition

11:45-12:15 | Museum Exhibition

Break

12:00–13:00 Industrial Symposium
Human milk intake worldwide, evidence powered by isotopes AND THE DOSE-TO-MOTHER TECHNIQUE

Chairs: Verónica López-Teros, Hinke Hinke

Introducing the symposium, the global human milk intake database, and new IAEA research activities (Verónica López-Teros)

Human milk intake across infancy: first findings from the new IAEA Human Milk Intake Database (Marieke de Sévaux)

Assessment of breast milk intake using the deuterium oxide dilution dose to the mother technique among children aged 9-18 months living in Dakar (Nibourou Top)

Oversight of the global human milk intake database and call for data contributions (Hinke Hinke)

13:00–14:30 | Session 6
When Human Milk and Breastfeeding Meet the Digital Age

Chairs: Donna Geddes, Xuehua Jin

Reassessing Low Milk Supply and Risk Factors in Breastfeeding Women Using a Data-Driven Approach (Xuehua Jin)

Determining essential nutrients for infant microbiome development using smartphones to facilitate microbiome research (Elizabeth Lauren Johnson)

Break

14:45–16:15 | Session 7
Nourishing the Smallest: Human milk and Breastfeeding Research in the NICU

Chairs: Paula Meier, Debbie O'Connor

TBA (Tricia Johnson, Aloka Patel)

Microbiological profiling of raw donor milk (Carmen Jakubowicz)

Human Milk for better Outcomes in Preterm Infants: Chances, Risks and Solutions (Christoph Fusch)

TBA (Titus Keller)

16:15–17:15 | Membership Meeting

Annual Membership Meeting

16:15-16:45 | Museum Exhibition

16:45-17:15 | Museum Exhibition

17:15–18:15 | Poster Session 2

Chair: tba

Saturday, October 10th

Anatomische Anstalt, LMU München

08:00–09:30 | Session 8
Human milk and Pathways in the Gut-Breast axis

Chairs: Carol Wagner, Sharon Donovan

Distinct Neurochemical Signatures of Human Milk Across Populations (Belén Orgaz Martín)

Relevance of the entero-mammary pathway in the design of effective vaccines for the lactating population (Rebecca Powell)

Interactions Between Human Milk Composition and Infant Growth and Health Outcomes (Yarden Golan Maor)

Break

10:00–11:30 | Session 9
Implementation Science in Breastfeeding Support

Chair: Richmond Aryeetey, Amber Hromi-Fiedler

Co-Designing Breastfeeding Interventions for Real-World Impact and Sustainability: An Implementation Science Framework (Rafael Pérez-Escamilla)

National Academy of Sciences (Diane Spatz)

An innovative feeding support package for small vulnerable infants to improve nutritional and health outcomes: findings from adaptive implementation research in India, Malawi and Tanzania (Rana Mokhtar)

Break

12:30–14:00 | Supporting Event

Sightseeing in Munich

Augustiner Stammhaus | Neuhauser Straße 27 | 80331 Munich

19:30–21:30 | Evening event

Bavarian Dinner

Sunday, October 11th

Anatomische Anstalt, LMU München

08:00–09:00 | Workshop 3
WHO Code and Research

Chair: Melissa Theurich, Maureen Groer, Larry Grummer-Strawn, Ellen Chetwynd

09:00–10:30 | Workshop 1
Behavioral Interventions Using the ORBIT Model

Chair: Tricia Johnson

Break

10:45–12:15 | Workshop 2
Point-of-Care Measures and Early Cessation

Chair: Paula Meier

12:15–12:30 | Meeting wrap up: Closing and invitation to 2027

Chair: Melissa Theurich, Maureen Groer

Opening | Closing
Session
Special Session
Poster
Evening and supporting events
Group Photo
Membership Meeting
Workshop
Closing
Industrial Symposium