

Thursday, October 8th		Friday, October 9th		Saturday, October 10th		Sunday, October 11th	
Anatomische Anstalt, LMU München		Anatomische Anstalt, LMU München		Anatomische Anstalt, LMU München		Anatomische Anstalt, LMU München	
08:00-08:30 Opening and Welcome Adress A140 Großer Hörsaal		08:00-09:30 Session 4 From Molecules to Megabytes: Big Data Insights into Human Milk and Lactation A140 Großer Hörsaal		08:00-09:30 Session 8 Human milk and Pathways in the Gut-Breast axis A140 Großer Hörsaal		08:00-09:30 Workshop 3 Building an Ethical Framework for Applying the WHO Code to Scientific Research A140 Großer Hörsaal	
Chairs: Melissa Theurich, Maureen Groer Welcome from the Local Conference Co-President <i>(Melissa Theurich)</i> Welcome from the Local Organizing Committee <i>(Andreas Flemmer, Berthold Koletzko)</i> Welcome from the LMU Perinatalcenter <i>(Sven Kehl)</i> Welcome from the ISRHML President <i>(Maureen Groer)</i>		Chairs: Meghan Azad, Janet Williams Human Milk Multi-Omics: Findings & Lessons Learned from the International Milk Composition Consortium <i>(Meghan Azad)</i> What's in Your Toolbox? Approaches and Challenges in Integrated Human Milk Multi-Omics Analyses <i>(Janet Williams)</i> Modelling human lactation using in vitro and in silico approaches <i>(Alecia-Jane Twigger)</i> Abstract Oral: Mapping epigenetic regulation and metabolic identity in human milk lactocytes <i>(Laasya Devi Annapureddy)</i> Abstract Oral:Maternal-infant multi-omics identifies biological features associated with growth faltering in small vulnerable newborns <i>(Lushi Deng)</i> Abstract Oral: Freeze-Thawing Conditions Impact the Multi-Omic Composition of Human Milk <i>(Michelle Asbury)</i>		Chairs: Carol Wagner, Sharon Donovan Distinct Neurochemical Signatures of Human Milk Across Populations <i>(Belén Orgaz Martín)</i> Relevance of the entero-mammary pathway in the design of effective vaccines for the lactating population <i>(Rebecca Powell)</i> Interactions Between Human Milk Composition and Infant Growth and Health Outcomes <i>(Yarden Galan Maar)</i> Abstract Oral: Perinatal probiotics modulate the breast milk microbiome and promote offspring health through breastfeeding <i>(Yao Wang)</i> Abstract Oral: Distinct glycotopes on human milk oligosaccharides are associated with infant gut symptoms in the first year of life: Results from the Ulin Birth Cohort Study. <i>(Linda Szabo)</i> Abstract Oral: Human milk-derived exosomes promote oligodendrocyte lineage maturation: implications for white matter development in infancy <i>(Brittany Howell)</i>		Chair: Melissa Theurich, Maureen Groer Moderation: Larry Grummer-Strawn, Ellen Chetwynd	
08:30-10:00 Session 1 Breastfeeding and Lactation Science—Past, Present, Future A140 Großer Hörsaal		09:30-10:00 Group Photo		09:30-10:00 Coffee break & exchange at the industry exhibition A147/149 (Coffee break) & A081 Foyer (industry exhibition)		09:30-11:00 Workshop 1 Behavioral Interventions Using the ORBIT Model A140 Großer Hörsaal	
Chairs: Shelley McGuire, Melissa Theurich Building the Foundation for Discovery: The ISRHML Legacy in Human Milk Research <i>(Sharon Donovan)</i> Exploring Human Milk Lipids: what have we learned? <i>(Berthold Koletzko)</i> The future of breastfeeding: Human connection in an age of bioinnovation <i>(Alexandra Whittington)</i>		10:00-10:20 Coffee break & exchange at the industry exhibition A147/149 (Coffee break) & A081 Foyer (industry exhibition)		10:00-11:30 Session 9 Implementation Science in Breastfeeding Support A140 Großer Hörsaal		Chair: Tricia Johnson, Elizabeth Lynch	
10:00-10:30 Coffee break & exchange at the industry exhibition A147/149 (Coffee break) & A081 Foyer (industry exhibition)		10:20-12:00 Session 5 Human Milk as Medicine A140 Großer Hörsaal		10:00-11:30 Session 9 Implementation Science in Breastfeeding Support A140 Großer Hörsaal		11:00-11:15 Coffee break & exchange at the industry exhibition A147/149 (Coffee break) & A081 Foyer (industry exhibition)	
10:30-11:15 Special Session 1 Macy-Gyorgi Award Announcement & Recipient lecture A140 Großer Hörsaal		Chairs: Ellen Demerath, Kelley Baumgartel Milk as Medicine in Ancient Egypt: Selected Case Studies <i>(Julia Budka)</i> Human Milk Banking in Europe: Past, Present and Future <i>(Sertay Arslanoglu)</i> HAMLET in Milk <i>(Catharina Svanborg)</i> Abstract Oral: Human Milk Antiviral Activity is Enhanced by Digestion: Evidence from Human Digestomics <i>(Rachèle Francesc)</i> Abstract Oral: Identification of metabolites derived from human milk microbiota with immunomodulatory properties <i>(Carlos Zarate-Blades)</i> Abstract Oral: Brain on milk: Human milk-derived extracellular vesicles modulate neuroimmune responses in microglia. <i>(Sanjay Wijenayake)</i> TEP: Longitudinal Exposures to Human Milk Oligosaccharides and Neurocognitive Development in Very Preterm Infants <i>(Isabel Greenhalgh)</i>		Chair: Richmond Aryeetey, Amber Hromi-Fiedler Co-Designing Breastfeeding Interventions for Real-World Impact and Sustainability: An Implementation Science Framework <i>(Rafael Pérez-Escamilla)</i> National Academy of Sciences <i>(Diane Spatz)</i> 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 <i>(Rana Mokhtar)</i> Abstract Oral: Using implementation science to develop and test the feasibility of an integrated responsive feeding intervention to strengthen provider breastfeeding training and counseling in Ghana <i>(Amber Hromi-Fiedler)</i> Abstract Oral: TBA Abstract Oral: Experiences of Access to Breastfeeding & Lactation Support Among Low-Income, First-Time Breastfeeding Mothers: A Qualitative Study <i>(Stephanie Acquaye)</i>		11:15-12:15 Workshop 2 Mothers' Own Milk Sodium Measures of Paracellular Pathway Patency in Breast Pump-Dependent Mothers of NICU Infants: Implications for Research and Practice A140 Großer Hörsaal	
Chair: Maureen Groer		11:15-12:15 IAEA Symposium Human milk intake worldwide, evidence powered by isotopes AND THE DOSE-TO-MOTHER TECHNIQUE A140 Großer Hörsaal		11:30-12:30 Lunch break & exchange at the industry exhibition A147/149 (Packed lunches to go) & A081 Foyer (industry exhibition)		Chair: Paula Meier, Leslie Parker	
11:15-12:15 Special Session 2 TIG (Trainee Interest Group) and TEP (Trainee Expansion program) event A206 Seminarraum		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)		11:45-12:15 Museum Exhibition Anatomical collection		11:15-12:15 Workshop 2 Mothers' Own Milk Sodium Measures of Paracellular Pathway Patency in Breast Pump-Dependent Mothers of NICU Infants: Implications for Research and Practice A140 Großer Hörsaal	
Chair: Bryan Presno, Laasya Devi Annapureddy		Chairs: Verónica López-Teros, Hinke Hinke		11:30-12:30 Lunch break & exchange at the industry exhibition A147/149 (Packed lunches to go) & A081 Foyer (industry exhibition)		Chair: Paula Meier, Leslie Parker	
12:15-13:15 Lunch break & exchange at the industry exhibition F0.81 Mosaiksaal (Lunch break) & A081 Foyer (industry exhibition)		12:00-13:00 Lunch break & exchange at the industry exhibition F0.81 Mosaiksaal (Lunch break) & A081 Foyer (industry exhibition)		12:30-14:00 Supporting Event Sightseeing in Munich		12:45-13:15 Meeting wrap up: Closing and invitation to 2028	
13:15-14:45 Session 2 Breastfeeding and Short and Long-Term Women's Health A140 Großer Hörsaal		13:00-14:30 Session 6 When Human Milk and Breastfeeding Meet the Digital Age A140 Großer Hörsaal		13:15-14:45 Farewell snacks & departure A147/149 (Packed lunches to go)		12:45-13:15 Meeting wrap up: Closing and invitation to 2028	
Chairs: Maureen Groer, Adetola Louis-Jacques The p(reset) hypothesis: Lactation and maternal cardiometabolic health <i>(Alison Stuebe)</i> Lactation for Mom's Sake: Understanding the Molecular Basis <i>(Adetola Louis-Jacques)</i> Abstract Oral: The Impact of Prenatal Physical Activity Intervention in Women with Obesity on Breastfeeding Initiation, Duration, and Exclusivity and Human Milk Composition <i>(Meghan Crimmins)</i> Abstract Oral: Cross-sectional associations of maternal dietary quality and human milk oligosaccharide (HMO) concentrations in a cohort of exclusively breastfeeding mother-infant dyads <i>(Meghan Crimmins)</i> Abstract Oral: Physical Survival and Emotional Heartbreak: Mother and Clinician Experiences Navigating Infant Feeding and Mother's Own Milk Alternatives Following a Maternal Cancer Diagnosis <i>(Jill Demirci)</i> TEP: The Placenta and Secretory Activation (PLASA) Study Links Placental Features with Early Lactation in Mothers of Preterm Infants in Uganda <i>(Rachel E. Walker)</i> TEP: Breastfeeding Attitudes and Practices among Mothers of Preterm Infants in Ghana: A Preliminary Analysis from the Tamale NICU Lactation Project <i>(Ruthfirst E. A. Ayande)</i>		Chairs: Donna Geddes, Xuehua Jin Reassessing Low Milk Supply and Risk Factors in Breastfeeding Women Using a Data-Driven Approach <i>(Xuehua Jin)</i> Determining essential nutrients for infant microbiome development using smartphones to facilitate microbiome research <i>(Elizabeth Lauren Johnson)</i> Abstract Oral: The Gendered Moral Economy of Human Milk: Hierarchies of Purity and Care in Peer-to-Peer Online Cancer Care Networks <i>(Revital Harari)</i> Abstract Oral: Can AI Support Breastfeeding? Lactation Professionals Evaluate Chatbot Responses to Common Breastfeeding Concerns <i>(Julie Patterson)</i> Abstract Oral: Promotion as Context, Not Content: An Analysis of Commercial Milk Formula (CMF) Marketing by CMF Brands and Parent Influencers on German-Speaking Social Media <i>(Mario Wrokolbinger)</i> Abstract Oral: Using AI to optimize donor milk composition in a milk bank by pooling milk from different donors <i>(Helen Lee)</i>		13:15-13:45 Farewell snacks & departure A147/149 (Packed lunches to go)		Chair: Melissa Theurich, Maureen Groer	
14:45-15:00 Coffee break & exchange at the industry exhibition A147/149 (Coffee break) & A081 Foyer (industry exhibition)		14:30-14:45 Coffee break & exchange at the industry exhibition A147/149 (Coffee break) & A081 Foyer (industry exhibition)		14:45-16:15 Session 7 Nourishing the Smallest: Human milk and Breastfeeding Research in the NICU A140 Großer Hörsaal		13:15-13:45 Farewell snacks & departure A147/149 (Packed lunches to go)	
15:00-16:30 Session 3 The Latest Research on Drug and Chemical Exposures A140 Großer Hörsaal		14:45-16:15 Session 7 Nourishing the Smallest: Human milk and Breastfeeding Research in the NICU A140 Großer Hörsaal		16:15-17:15 Membership Meeting A140 Großer Hörsaal		13:15-13:45 Farewell snacks & departure A147/149 (Packed lunches to go)	
Chairs: Kaytlin Kruttsch, Irma Castro Navarro Moving Lactation Modeling Forward <i>(Elmika Fletcher)</i> Medication and supplement use during breastfeeding: a worldwide perspective <i>(Eline Tammela)</i> Abstract Oral: Selective Serotonin Reuptake Inhibitors Alter Mammary Gland Gene Expression in Human Milk Fat Globules <i>(Katelyn Descorcy-Scherer)</i> Abstract Oral: Bisphenol A and S in Human Milk and Infant Formula: Associations with Electrolytes Balance, Maternal Environmental Vulnerability and Cardiovascular Risk <i>(Julia Matzenbacher dos Santos)</i> Abstract Oral: Cannabis Use-Associated Variation in Human Milk Composition: A Multi-Omics Study <i>(Irma Castro-Navarro)</i> Abstract Oral: Domperidone Safety and Efficacy: A Canada-Wide Multi-Centre Study <i>(Katherine Kearns)</i>		Chairs: Paula Meier, Debbie O'Connor The ReBIMOM randomized controlled trial of an economic intervention to reduce disparity in receipt of mother's own milk in very preterm infants <i>(Tricia Johnson & Aloka Patel)</i> Microbiological profiling of raw donor milk <i>(Carmen Jakubowicz)</i> Human Milk for better Outcomes in Preterm Infants: Chances, Risks and Solutions <i>(Christoph Fusch)</i> Intranasal Fresh Own Mother's Milk during Neonatal Brain Injury <i>(Tilus Keller)</i> Abstract Oral: A Novel Breast Pump Suction Pattern Increases Effectiveness and Efficiency of Milk Removal in Breast Pump-Dependent Mothers of Preterm Infants in the Early Postpartum Period <i>(Qinglin Pei)</i> 16:10-16:15 TEP: Building the evidence-base around feeding support, advancement and patterns of small vulnerable newborns in India <i>(Miranda G. Louet)</i>		Annual Membership Meeting		Opening Closing	
16:30-17:30 Special Session 3 TIG (Trainee Interest Group) professional development event A206 Seminarraum		16:30-17:00 Museum Exhibition Anatomical collection		17:15-18:15 Poster Session 2 F0.81 Mosaiksaal		Session	
Chair: Bryan Presno, Laasya Devi Annapureddy		17:00-17:30 Museum Exhibition Anatomical collection		Chair: tba		Special Session	
17:30-18:30 Poster Session 1 F0.81 Mosaiksaal		17:15-18:15 Poster Session 2 F0.81 Mosaiksaal				Poster	
Chair: tba		Chair: tba				Evening and supporting events	
18:30-20:00 Get Together F0.81 Mosaiksaal						Group Photo	
						Membership Meeting	
						Workshop	
						Closing	
						Industrial Symposium	