**WEDNESDAY, OCTOBER 21**

**Welcoming Remarks and Keynote Address (7am Denver/Mountain Time Start)**
*Emily R. Smith*, George Washington University, USA
*Rajiv Bahl*, World Health Organization, Switzerland

**Global Maternal, Fetal, and Newborn Nutrition: The Challenges and Opportunities**

**Maternal (Intrauterine) Nutrition and Fetal Growth - Shared Session with Grand Challenges (8am Denver/Mountain Time Start)**
*Jian Yan*, Bill & Melinda Gates Foundation, USA
*Emily R. Smith*, George Washington University, USA
*Yoel Sadovsky*, Mage-Womens Research Institute, USA

**Unravelling the Heterogeneity and Function of Human Milk Secretory Cells to Reveal Breast Maturation and Milk Production Pathways**
*Alecia-Jane Twigger*, University of Cambridge, UK

**What's Normal? Global Reference Values for Human Milk (MILQ Study)**
*Lindsay H. Allen*, USDA, Agricultural Research Service, USA

**Human Breastmilk: What’s in It? How Does It Affect Infant Health? (7am Denver/Mountain Time Start)**
*Lindsay H. Allen*, USDA, Agricultural Research Service, USA

**Short Talk: Longitudinal Profiling of Breast Milk-Resident Cells by Single-Cell RNA-sequencing Over the Course of Lactation Reveals Secretory Epithelial Cell and Macrophage Diversity**
*Brittany A. Goods*, 150.00

**Optimal Nutrition for Maternal, Newborn and Child Health (EK8)**

**Program current as of September 19, 2021. For the most up-to-date details, visit https://www.keystonesymposia.org.**
Christine P. Stewart, University of California, Davis, USA
Eggs and Egg Products as Complementary Food for Growth

*Anura V. Kurpad, St. John's Research Institute, India
Amino Acid Digestibility

Christopher Sudfeld, Harvard T.H. Chan School of Public Health, USA
Neurocognitive Benefits of Childhood Nutrition Interventions

Tahmeed Ahmed, ICDDR,B, Bangladesh
Microbiota Directed Complementary Foods for the Treatment of Childhood Malnutrition

Naomi S. Dsouza, King Edward Memorial Hospital, India
Short Talk: Pre-Conceptional B12 Supplementation and Offspring Neurocognitive Development: Observations in Pune Rural Intervention in Young Adolescents (PRIYA) Trial

Closing Remarks

*Farhad B. Imam, Bill & Melinda Gates Foundation, USA