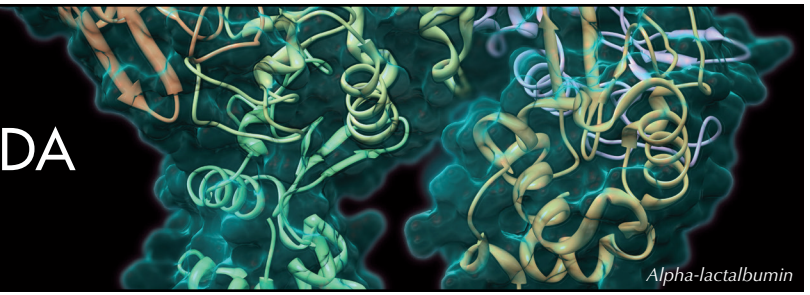




Human Milk
Science and
Innovation

5th International Conference

AGENDA



Alpha-lactalbumin

WEDNESDAY, SEPTEMBER 6, 2017

| | | | |
|------------------------|---|--|-------------------|
| 6:00 – 9:00 pm | Welcome reception | | Lobby Lounge |
| KEYNOTE SPEAKER | | | Viennese Ballroom |
| 7:00 pm | Signaling between mother and infant during lactation: evolutionary, anthropological, biological, and practical considerations | Mary Fewtrell, MD, BM BCh, FRCPCH UCL Great Ormond Street Institute of Child Health | |

THURSDAY, SEPTEMBER 7, 2017

| | | | |
|--|--|---|-------------------|
| 7:30 – 8:00 am | Breakfast | | Viennese Terrace |
| 8:00 – 8:15 am | Welcome from conference sponsor | Scott Elster Prolacta Bioscience, Inc. | Viennese Ballroom |
| 8:15 – 8:30 am | Opening remarks – Day 1 | Lars Bode, PhD University of California, San Diego | Viennese Ballroom |
| BIOLOGY & SCIENCE OF HUMAN MILK | | | Viennese Ballroom |
| 8:30 – 9:15 am | Integrated approaches to analyze big data in the perinatal/neonatal space | Rob Knight, PhD University of California, San Diego | |
| 9:15 – 10:00 am | Human milk oligosaccharides at the interface of maternal-infant health | Lars Bode, PhD University of California, San Diego | |
| 10:00 – 10:15 am | Coffee break | | |
| 10:15 – 11:00 am | Multidisciplinary studies on rotavirus – human milk oligosaccharide interactions | Sasirekha Ramani, PhD Baylor College of Medicine | |
| 11:00 – 11:45 am | Variations in human milk composition: impact on immune development and allergic disease susceptibility | Kirsi Järvinen-Seppo, MD, PhD University of Rochester School of Medicine and Dentistry | |
| 11:45 – 12:30 pm | Lunch | | Viennese Terrace |
| 12:30 – 1:15 pm | Probiotic intervention through the pregnant and breastfeeding mother to reduce disease risk in the child | Samuli Rautava, MD, PhD Turku University Hospital and University of Turku | |
| 1:15 – 1:30 pm | Closing remarks - Day 1 | Lars Bode, PhD University of California, San Diego | |

OPTIONAL PROGRAM: HUMAN MILK PROCESSING

City of Industry

| | | | |
|----------------|---|--|--|
| 2:00 pm | Meet in front lobby for transportation to human milk processing facility | | |
| 2:30 – 4:30 pm | Quality and safety of human milk processing, and state-of-the-art human milk processing facility tour | Scott Eaker Prolacta Bioscience, Inc. | |

GROUP ACTIVITY

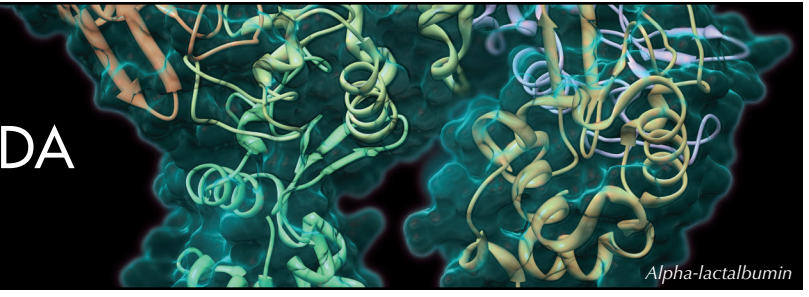
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| 7:00 – 9:00 pm | Dinner | | The Royce |
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Alpha-lactalbumin

FRIDAY, SEPTEMBER 8, 2017

| | | | |
|---------------------------------------|--|---|-------------------|
| 7:30 – 8:00 am | Breakfast | | Viennese Terrace |
| 8:00 – 8:15 am | Opening remarks – Day 2 | William D. Rhine, MD Stanford University | Viennese Ballroom |
| CLINICAL ASPECTS OF HUMAN MILK | | | Viennese Ballroom |
| 8:15 – 9:00 am | The history of milk banking: from origin to present time | Guido E. Moro, MD Italian Association of Donated Human Milk Banks (AIBLUD) | |
| 9:00 – 9:45 am | Human milk to prevent and heal gastrointestinal tract injury in children after bone marrow transplantation | Stella M. Davies, MBBS, PhD, MRCP Cincinnati Children’s Hospital Medical Center | |
| 9:45 – 10:30 am | Transfusion-related acute gut injury (TRAGI): potential mechanisms and opportunities for prevention | Edmund La Gamma, MD New York Medical College and Westchester Medical Center | |
| 10:30 – 11:00 am | Coffee break/Checkout | | |
| 11:00 – 11:45 am | Human milk and preterm infant brain development | Mandy Brown Belfort, MD, MPH Brigham and Women’s Hospital and Harvard Medical School | |
| 11:45 – 12:15 pm | Presentation of Ruth A. Lawrence Award | Ruth A. Lawrence, MD, DD (hons), FAAP, FAACT University of Rochester Medical Center | |
| | Award recipient | Adam Lewandowski, PhD University of Oxford | |
| 12:15 – 1:00 pm | Lunch | | Viennese Terrace |
| 1:00 – 1:45 pm | Breast milk fats and lipids: expanding benefits to fragile infant populations | Steven D. Freedman, MD, PhD Beth Israel Deaconess Medical Center and Harvard Medical School | |
| 1:45 – 2:30 pm | Human milk-based industry in the Muslim world: how to address the religio-ethical challenges? | Mohammed Ghaly, PhD Research Center for Islamic Legislation and Ethics (CILE) | |
| 2:30 – 2:45 pm | Closing remarks – Day 2 | William D. Rhine, MD Stanford University | |