



**ISRHML**  
The International Society  
for Research in Human  
Milk and Lactation

# **International Society for Research in Human Milk and Lactation**

## **19<sup>th</sup> International Conference**

***“Protecting, Promoting and Supporting  
Breastfeeding from Biology to Policy”***



**October 7-11, 2018**

**Shonan Village Convention Center, Kanagawa, Japan**

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# Daily Schedule

	Full Conference					
	Preconference Meeting	Workshops	Monday	Tuesday	Wednesday	Thursday
	Saturday	Sunday	8th October 2018	9th October 2018	10th October 2018	11th October 2018
Time	6th October 2018	7th October 2018	8th October 2018	9th October 2018	10th October 2018	11th October 2018
7-7:30						Breakfast
7:30-8					Breakfast and Registration	Session 7
8-8:30						
8:30-9					Session 6	Session 8
9-9:30					Coffee Break	
9:30-10					Session 6	
10-10:30					Coffee Break	
10:30-11					Session 6	
11-11:30					Lunch	
11:30-12						
12-12:30						
12:30-13						
13-13:30						
13:30-14						
14-14:30						
14:30-15						
15-15:30						
15:30-16						
16-16:30						
16:30-17						
17-17:30						
17:30-18						
18-18:30						
18:30-19						
19-19:30						
19:30-20						
20-20:30						
20:30-21						
21-21:30						
21:30-22						

# Program

## October 7, 2018 – Workshops

### ***Workshop 1: Trials and Tribulations of “Truly” Evidence-Based Policy***

Chairs: Laurence Grummer-Strawn (WHO) and Rafael Perez-Escamilla (Yale University)

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
8:30-9h	W1	<b>Cria Perrine</b> , Centers for Disease Control and Prevention (CDC)	Case-Studies on Developing Breastfeeding Policy at the Centers for Disease Control and Prevention
9-9:30h	W2	<b>Tomoko Seo</b> , Academy of Breastfeeding Medicine	Development of Clinical Protocols at the Academy of Breastfeeding Medicine: A Case-Study
9:30-10h	W3	<b>Laurence Grummer-Strawn</b> , World Health Organization (WHO)	Case-Studies on Developing Breastfeeding Policy at the World Health Organization
10-12h		<b>All attendees</b>	Group Exercise

### ***Workshop 2: Best Practices for Conducting Human Milk Studies Globally***

Chairs: Sharon Donovan (University of Illinois, Urbana-Champaign) and Janet Williams (University of Idaho) [morning] and Kimberly Lackey (University of Idaho) [afternoon]

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
8:30-9h	W4	<b>Kelli Casavale</b> , US FDA	U.S. Federal Efforts to Advance Knowledge on Human Milk Composition
9-9:30h	W5	<b>Michelle (Shelley) McGuire</b> , University of Idaho	The INSPIRE Project
9:30-10h	W6	<b>Lindsay Allen</b> , USDA, ARS Western Human Nutrition Research Center, Davis, Davis, CA, USA	Mothers, Infants and Lactation Quality (MILQ) project
10-10:30h	W7	<b>Ardythe Morrow</b> , University of Cincinnati	Global Exploration of Human Milk (GEHM) Study
10:30-12h		<b>All attendees</b>	Group Exercise

***Each workshop will be repeated in the afternoon for attendees wanting to attend both workshops***

15-16h	<b>Free Time</b>
16-17h	<b>Poster Session 1 (P-1 through P-35)</b>
17-19h	<b>Opening Reception</b>

## **October 8, 2018**

### ***Session 1: Opening Remarks and Keynote Lecture by 2018 Macy-György Prize Winner***

**Chairs:** Sharon Donovan (University of Illinois, Urbana-Champaign) and Katsumi Mizuno (Showa University)

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
8:30-8:45h		<b>Sharon Donovan and Katsumi Mizuno</b>	Welcome
8:45-8:50		<b>Donna Geddes</b> , University of Western Australia	Introduction of 2018 MG Award Winner
8:50-9:30h	<b>K1</b>	<b>Ann Prentice</b> , MRC Elsie Widdowson Laboratory, Cambridge, UK and MRC Unit The Gambia at the London School of Hygiene and Tropical Medicine, The Gambia.	The Rewards of Cross-Cultural Research into Human Milk and Lactation
9:30-10h	<b>Coffee/Tea Break and Visit Exhibits</b>		

### ***Session 2: Highlights of Human Milk and Lactation Research in Asia***

**Chairs:** Wei Wei Pang (National University of Singapore); Keiko Nanishi (University of Tokyo)

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
10-10:30h	<b>O1</b>	<b>Sunhea Choi</b> , University of Southampton, UK	Can Digital Tools Promote Competence and Success of Breastfeeding Promotion?
10:30-11h	<b>O2</b>	<b>Katsumi Mizuno</b> , Showa University of Medicine	Highlights of Human Milk and Lactation Research in Japan
11-11:30h	<b>O3</b>	<b>Bee Koon Poh</b> , Universiti Kebangsaan Malaysia	Breastfeeding In Malaysia: Prevalence, Barriers And Motivators
11:30-11:55h	<b>O4</b>	<b>Mao Meng</b> , West China Second University Hospital, Sichuan University	Lead the Trend: The 1 <sup>st</sup> Evidence-Based Guideline for Breastfeeding Promotion Strategy in China
11:55-12:10h	<b>O5</b>	<b>Kazue Nakamura</b> , Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences	Exclusive Breastfeeding Possibly Reduces the Adverse Effect of Late Preterm Birth on Gastrointestinal Infection
12:15-13:30h	<b>Lunch</b>		

### **Session 3: O'mic Approaches to Human Milk and Infant Outcomes**

Chairs: Mark McGuire (University of Idaho) and Alexandra George (University of Western Australia)

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
13:30-14h	<b>O-6</b>	<b>Janet Williams</b> , University of Idaho	What's Normal? Global Variation in Human Milk Microbiome and Other Related Factors
14-14:30h	<b>O-7</b>	<b>Lars Bode</b> , University of California, Davis	Human Milk Oligosaccharides: Maternal Modifiers and Infant Outcomes
14:30-15h	<b>O-8</b>	<b>Carolyn Slupsky</b> , University of California, Davis	Impact of Diet on the Infant Metabolome, Microbiome and Immune Development
15-15:30h	<b>O-9</b>	<b>Donna Geddes</b> , University of Western Australia	Immune Components in Human Milk are Associated with Early Infant Immunological Health Outcomes: A Prospective Three-Country Analysis
15:30-15:45	<b>O-10</b>	<b>Kirsi Jarvinen-Seppo</b> , University of Rochester School of Medicine	Multi-Component Characterization of Breastmilk "Glycotypes" in Populations at High-or Low-Risk for Allergic Diseases.
15:45-16h	<b>O-11</b>	<b>Wei Wei Pang</b> , National University of Singapore	Nutrients or Nursing? Understanding How Breastmilk Feeding Affects Child Cognition
16h-16:15	<b>O-12</b>	<b>Courtney Meehan</b> , Washington State University	Environmental, Society and Behavioral Characteristics and the Human Milk Microbiome
16:15-16:30h	<b>O-13</b>	<b>Melanie Larsson</b> , University of Copenhagen	Human Milk Oligosaccharides (HMOs) and Excessive Weight Gain in Exclusively Breastfed Infants
16:30-17:30h	<b>Free Time and Visit Exhibits</b>		
17:30-18:30h	<b>Dinner</b>		
18:30-20:30h	<b>Poster Session 2 (P-36 through P-85)</b>		

## **October 9, 2018**

8:30-9h **Group Photo**

### ***Session 4: Maternal Nutrition, Breastmilk Composition, and Infant Nutritional Status***

**Chairs:** Bert Koletzko (University of Munch) and Klara Strydom (Stellenbosch University)

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
9-9:30h	<b>O-15</b>	<b>Lindsay Allen</b> , USDA, ARS Western Human Nutrition Research Center, Davis, Davis, CA, USA	The Impact of Maternal Vitamin Deficiencies and Supplementation on Breast Milk Levels and Infant Vitamin Status
9:30-10h	<b>O-16</b>	<b>Kay Dewey</b> , University of California, Davis	Effects of Maternal Supplementation with Small-Quantity Lipid-based Nutrient Supplements on Breastmilk Composition and Infant Outcomes
10-10:30h	<b>Coffee/Tea Break and Visit Exhibits</b>		
10:30-11:00h	<b>O-17</b>	<b>Meghan Azad</b> , University of Manitoba and <b>Katie Hinde</b> , Arizona State University	More Milk for Daughters? Sex Differentiated Breastfeeding in Two Birth Cohorts
11:00-11:15h	<b>O-18</b>	<b>Nurul Husna (trainee)</b> , Universiti Putra Malaysia	The Influence of Relaxation Therapy on Breastmilk Hormones and Macronutrient Content: A Randomized Controlled Trial
11:15-11:30h	<b>O-19</b>	<b>Carol Wagner</b> , Medical College of South Carolina	Maternal Vitamin D (VITD) Status Affects Hepatitis B Vaccine (HBV) Response in Breastfeeding Infants.
11:30-11:45h	<b>O-20</b>	<b>Pantea Nazeri</b> , Tehran University of Medical Sciences, Iran	Lactating Mothers and Infants Residing in an Area with an Effective Salt Iodination Program have No Need for Iodine Supplements: Results from a Double-Blind, Placebo-Controlled Randomized Clinical Trial
12-13:30h	<b>Lunch and Membership meeting</b>		

### **Session 5: Breastfeeding and Maternal Health**

Chairs: Kathy Rasmussen (Cornell University) and Hayley Martin (University of Rochester)

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
13:30-14h	<b>O-21</b>	<b>Ranadip Chowdhury,</b> Society for Applied Studies, New Delhi, India	Breastfeeding and Maternal Health Outcomes
14-14:30h	<b>O-22</b>	<b>Teresita Gonzales de Cosio,</b> Universidad Iberoamericana, Mexico	The Burden of Suboptimal Breastfeeding in Mexico: Maternal Health Outcomes and Costs
14:30-15h	<b>O-23</b>	<b>Susan Jordan,</b> QIMR Berghofer Medical Research Institute, Brisbane	Breastfeeding and Endometrial Cancer
15-15:15h	<b>O-24</b>	<b>Julie Smith,</b> Australian National University	Maternal Time and Nurturing Care: Associations Between Breastfeeding Practice, Time Spent Interaction with Baby and Sleep
15:15-15:30h	<b>O-25</b>	<b>Lindsay Ellsworth (trainee),</b> University of Michigan	Characterization of Human Milk MicroRNAs In Maternal Metabolic Disease
15:30-15:45h	<b>O-26</b>	<b>Marina Aparicio (trainee),</b> Complutense University of Madrid, Spain	Is Maternal Postnatal Psychological Distress Related to Milk Cortisol and Immune Components in Breastmilk?
15:45-17:30h	<b>Free Time, Visit Exhibits</b>		
17:30-18:30h	<b>Dinner</b>		
18:30-20:30h	<b>Poster Session 3 (P-86 through P-131)</b>		



## **October 10, 2018**

### ***Session 6: Human Milk Banking in the 21st Century***

**Chairs:** Katsumi Mizuno MD, PhD (Showa University) and Elsa Giugliani, MD (Universidade Federal do Rio Grande do Sul, Brazil)

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
9-9:30h	<b>O-27</b>	<b>Rebecca Hoban</b> , University of Toronto	Factors affecting milk production and composition by mothers delivering preterm
9:30-10h	<b>O-28</b>	<b>Paula Meier</b> , Rush University Medical Center, Chicago	Mother's Own Milk (MOM) vs. Donor Human Milk (DMH) on Infant Outcomes and Economic Analysis,
10-10:30h	<b>O-29</b>	<b>Deborah O'Connor</b> , University of Toronto	Human Milk Fortifiers: What Milk is Being Fortified, When and With What?
10:30-11h	<b>O-01</b>	<b>Kimberly Mansen</b> PATH, Seattle, WA	Ensuring Equitable Access to Human Milk by Aligning Global Policies and Standards for Safe Donor Human Milk
11-11:15h	<b>O-31</b>	<b>Sarah Taylor</b> , Yale University	Sustaining Preterm Infant Feeding Mother's Milk Post-hospital Discharge: An Effectiveness-Implementation Hybrid Trial.
11:15-11:30h	<b>O-32</b>	<b>Aloka Patel</b> , Rush University Medical Center, Chicago	Baby or Pump: A Quality Improvement (QI) Project to Decrease Time to Pumping Initiation in Mothers of VLBW Infants.
11:30-12h	<b>Lunch</b>		
12-17:30h	<b>Tour of Kamakura</b>		
17:30-19h	<b>Gala Dinner</b>		

## **October 11, 2018**

### ***Session 7: ISRHML and Family-Larsson Rosenquist Foundation (FLRF) Trainee Expansion Program***

Chair: Lars Bode (University of California, San Diego)

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
7:30-7:45h		<b>Katharina Lichtner</b> , FLRF	Overview of the FLRF and Trainee Expansion Program
7:45-8:05h	<b>O-33</b>	<b>Alecia-Jane Twigger</b> , Helmholtz Center Munich	Understanding Human Mammary Gland Maturation and Milk Production on a Single Cell Level
8:05-8:25h	<b>O-34</b>	<b>James Butcher</b> , University of Ottawa and University of Toronto	Characterizing the Breastmilk Microbiome with Culture-Enriched Molecular Profiling
8:25-8:45h	<b>O-35</b>	<b>Kassandra Harding</b> , Yale University and University of Ghana	Evaluation of the Breastfeed4Ghana Social Media Campaign
8:45-9h		<b>Katharina Lichtner</b> , FLRF	FLRF Future Vision

### ***Session 8: Scaling up Infant and Young Child Feeding (IYCF) Programs Globally: The Role of Complex Adaptive Systems Frameworks***

Chairs: Nathan Nickel (University of Manitoba) and Gabriela Buccini (Yale University)

<b>Time</b>	<b>Abstract</b>	<b>Speaker and Affiliation</b>	<b>Title of Presentation</b>
9-9:30h	<b>O-36</b>	<b>Rafael Perez-Escamilla</b> , Yale University	Scaling Up Breastfeeding Programs in a Complex Adaptive World: The Becoming Breastfeeding Friendly Initiative
9:30-10h	<b>O-37</b>	<b>Anne Merewood</b> , Boston University	Scaling Up Down South: Moving Mississippi Along the Baby-Friendly Pathway
10-10:30h	<b>O-38</b>	<b>Cara Safon</b> , Yale University	Application of a Stakeholder Mapping Tool to Improve the Infant and Young Child Feeding (IYCF) Policy Environment
10:30-10:45h	<b>O-39</b>	<b>Richmond Aryeetey</b> , University of Ghana	Stakeholder Network and Influence Mapping of Breastfeeding in Ghana
10:30-10:45h	<b>O-40</b>	<b>Sanjeeva Godakandage</b> , Ministry of Health, Nutrition and Indigenous Medicine, Sri Lanka	Stakeholders on Infant and Young Child Feeding Programmes in Sri Lanka
10:45-11:00h	<b>Closing Remarks (Sharon Donovan and Bert Koletzko)</b>		