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Institut de Recerca en Nutrició
i Seguretat Alimentària
UNIVERSITAT DE BARCELONA



Pediatrics Web Congress

HUMAN MILK, NUTRITION **AND** INFANT DEVELOPMENT

October 03-04, 2024 | Time: (GMT+1) London 8:00 AM



-----Scientific Program-----

Day 1: October 03 2024 (Morning)

8:00 -8:15 h	Welcome from the organization Pr Umberto Simeoni – CHUV Lausanne - Switzerland
Session 1: Human milk composition: Nutrients and infant development	
8:15 – 9:15 h	Carbohydrates and Infant Development Chair: Dr. Claude Billeaud, President of AEEP, France
	Talk title: Lactose and Human Oligosaccharides Speaker: Pr. Bing Wang (Gulbali Institute, Australia)
9:15 – 10:00 h	Proteins and Infant Development Chair: Dr. Isabelle Le Huerou-Luron, Inrae - Rennes, France
	Talk title: Protein and non-protein nitrogen composition and structure in Human Milk: How does it cover infant requirements? Speaker : Dr. Amélie Deglaire (Institut Agro Rennes-Angers, INRAE, France)
10:00 – 10:15 h Break	
10:15 – 13:00 h	Fats and Infant Development Chair: Dr. Eva Szabo – Pr Tamas Szamosi (Hungary)
	Talk title: Human milk and infant development Speaker: Dr.Leslie Couedelo (ITERG, Canejan, France)
	Talk title: Trans Fatty Acids in Breast Milk Speaker: Dr. Eva Szabo (Pécs University, Hungary)
	Talk title: Triglycerides in Breast Milk Speaker: Prof. Frederic Destailats (Checkerspot Inc, Alameda, CA, USA)
13:00 – 14:00 h Lunch Break	
Session 2: Human Milk Bioactives	
14:00 – 15:00 h	Human milk microbiome Chair: Pr Maria Urdaci (institut Agro Bordeaux, France)
	Talk title: Human Milk Microbiome composition and function. Speaker: Dr Sergine Even (Institut Agro Rennes-Angers, INRAE, France)
15:00 – 17:00 h	Immunological aspects of breast milk Chair: Dr. Francisco J Pérez Cano, University of Barcelona, Spain
	Talk title: Cells and immunological factors Speaker: Karine Adel-Patient, (CEA France)
	Talk title: Nutritional modulation of breast milk immune composition: the immunoglobulinome Speaker: Dr. Francisco J Pérez Cano (INSA, University of Barcelona, Spain)

	<p>Talk title: Human Milk and COVID: immunological protection after Vaccination or Infection</p> <p>Speaker: Dr. Virginie Rigourd (Hôpital Necker-Enfants Malades, Paris, France)</p>
17:15 – 18:15 h	<p>Bioactive components and hormones</p> <p>Chair: Dr. Francisco J Pérez Cano, University of Barcelona, Spain</p>
	<p>Talk title: Human milk bioactive components, hormones, and infant development.</p> <p>Speaker: Dr. Sophie Blat (INRAE-INSERM- University of Rennes, France)</p>

Day 2: October 04 2024 (Morning)

8:00 -8:15 h	<p>Welcome from the organization</p> <p>Gillian Weaver (Past-President of EMBA, UK)</p>
Session 3: Perinatal maternal environment and breast milk composition	
8:15 – 9:10 h	<p>Perinatal nutrition</p> <p>Chair: Dr. Claude Billeaud, President of AEEP, France</p>
	<p>Talk title: Perinatal nutrition and Breast milk Composition</p> <p>Speaker: Dr. Claude Billeaud, President of AEEP, France</p>
9:15 – 10:00 h	<p>Pollutants in breast milk</p> <p>Chair: Dr. Virginie Rigourd</p>
	<p>Talk title: Pollutants and breastfeeding</p> <p>Speaker: Dr. Raphael Serreau (Université d'Orléans, France)</p>
10:00 – 10:15 h Break	
Session 4: Human milk fat globule and extracellular vesicles	
10:15 – 11:00 h	<p>Fat Human Milk Fat Globule Membranes</p> <p>Chair: Dr Leslie Couedelo (ITERG-France)</p>
	<p>Talk title: Fat Globule and Milk Fat Globule Membranes</p> <p>Speaker: Dr Claire Bourlieu- Lacanal (INRAE, UMR IATE, France)</p>
11:00 – 13:00 h	<p>Genetics aspects of breast milk</p> <p>Chair: Dr. Laura Baldoma , University of Barcelona, Spain</p>
	<p>Talk title: Extracellular vesicles in human milk, their content and their role in infant development</p> <p>Speaker: Prof. Dr. Bodo Melnik (Universität Osnabrück, Germany)</p>
	<p>Talk title: Interaction of human milk extracellular vesicles with the intestinal epithelium: potential for disease treatment</p> <p>Speaker: Dr Driton Vilasaliu (King's College London, UK)</p>

13:00 – 14:00 h | Break
Day 2: 04/10/2024 (Afternoon)

Session 5: From breast to preterm infants: the donor milk forum

14:00 – 16:30 h	Donor milk in the support of maternal lactation Chair: Gillian Weaver (Past-President of EMBA, UK)
	Talk title: Psychological impacts on recipient parents and donors of milk banking services, and what this could mean for breastfeeding. Speaker: Prof. Amy Brown (Swansea University, UK)
	Talk title: Donor milk on the neonatal unit - the practicalities of implementation to optimally support lactation and breastfeeding Speaker: Dr. Lauren Wong (IBCLC, formerly Infant Feeding Lead, Neonatal Unit, Luton and Dunstable University Hospital NHS Trust, UK)
	Talk title: Donor milk access beyond the NICU: the future of milk banking services? Speaker: Dr Natalie Shenker (Human Milk Foundation, Imperial College London, UK)
16:30 – 18:00 h	Birth of a human milk bank, Donor Milk Units. Chair: Gillian Weaver (Past-President of EMBA, UK)
	Talk title: Setting up the first human milk bank in Uganda: a success story from Nsambya hospital Speaker: Dr. Victoria Nakibuuka (Nsambya Hospital, Kampala, Uganda)
	Talk title: Setting up of a new Lactarium in Bordeaux Speaker: Dr. Delphine Lamireau (Lactarium de Bordeaux, CHU Bordeaux, France)
18:00 – 18:15 h	Concluding remarks from the congress Dr. Claude Billeaud, President of AEEP, France

AEEP/EAPE Executive Committee

Executive Committee:

Honorary President: Juan Brines
 President: Claude Billeaud
 Vice-President: Yves Perel
 Secretary General: Elie Saliba
 Treasurer: Christophe Elleau

Organization Committee:

Dr. Francisco Perez Cano (INSA, University- Barcelona, Spain)
 Dr. Isabelle Le Huerou-Luron (Inrae - Rennes, France).
 Dr Natalie Shenker (Imperial College London, UK)
 Gillian Weaver (Past-President of EMBA, UK)
 Dr Delphine Lamireau (ADLF, Bordeaux, France,)

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