



TUESDAY – MAY 14

- 7:00-19:00 **Registration Desk**
- 8:15-9:45 **Meeting of Industry Advisory Committee with Board of Directors**
All industry members are welcome to attend
Chairs: *Roberta Grimaldi, University of Reading, UK and Marla Cunningham, Metagenics, Northgate, Australia*
- 7:00-9:45 **Poster Setup**
- 9:00-12:15 **Students and Fellows Association Program**
Irina Spacova, SFA president, University of Antwerp, Belgium, and Gregor Reid, Lawson Research Institute, London, Ontario, Canada
- 9:45-10:15 **Break and Poster Viewing**
- 10:15-12:15 **Industry Advisory Committee Learning Forum**
All industry members are welcome to attend
How do different formulations of probiotic and prebiotic products affect activity and clinical outcomes?
Chairs: *Roberta Grimaldi and Marla Cunningham*
- 12:15-13:15 **Lunch and Poster Viewing**
- 13:15-13:30 **Welcome to ISAPP 2019**
Seppo Salminen, ISAPP President and Sarah Lebeer, 2019 Meeting Host
- 13:30-15:30 **The Springboard.** "What can scientists and industry do to spring probiotics and prebiotics into mainstream health management?" A session designed to integrate perspectives in an interactive format.
Chair: *Glenn Gibson, University of Reading, UK*
Facilitators, providing industry, political, medical, clinical and research perspectives:
Marla Cunningham, Alan Barnard, Dan Merenstein, Gregor Reid
- 15.30-16:00 **Break and Poster Viewing**
- 16:00-16:30 **Prebiotics: beyond nutrition and health**
Nathalie Delzenne, Université catholique de Louvain, Brussels, Belgium
- 16:30-17:00 **Prebiotics, brain function and stress. To what extent will prebiotics replace or complement drug therapy for mental health?**
Phil Burnett, Oxford University, UK
- 17:00-17:30 **Key Learnings from the Flemish Gut Flora Project**
Gwen Falony, University of Antwerp, Belgium

- 17:30-18:00 Leveraging political infrastructure to advance important science and public health messaging
Alan Barnard, Campaign It Limited, UK
- 18:00-18:15 **Break**
- 18:15-19:00 **Late Breaking News**
Chair: Gregor Reid
- 19:00-21:00 **Welcome Reception and Poster Viewing**
Drinks and food to be served

WEDNESDAY – MAY 15

- 8:30-9:00 Unlocking the molecular secrets of a common gut commensal
Douwe van Sinderen, Alimentary Pharmabiotic Center, Cork, Ireland
- 9:00-9:30 Use of stable isotope labelled prebiotics
Kristin Verbeke, Université catholique de Louvain, Brussels, Belgium
- 9:30-10:00 Human Milk Oligosaccharides in Pregnancy: Roles for Maternal and Infant Health
Evelyn Jantscher-Krenn, Medical University of Graz, Austria
- 10:00-10:30 **Break**
- 10:30-10:45 **SFA Feature Talk:** A probiotic formulation (*Lactobacillus rhamnosus* and *L. helveticus*) reverses the effects of maternal separation on neural circuits underpinning fear expression and extinction in infant rats.
Caitlin Cowan, APC Microbiome Ireland and University College Cork, Ireland
- 10:45-11:00 **SFA Feature Talk:** Novel insights into co-operative interactions between two human gut symbionts, *Ruminococcus bromii* and *Blautia hydrogenotrophica* in co-culture.
Indrani Mukhopadhyaya, University of Aberdeen, UK
- 11:00-11:15 **Feature Talk:** Recovery of Vaginal Microbiota After Standard Treatment for Bacterial Vaginosis Infection: An observational study.
Arthur C. Ouwehand^{1}, Ashley Hibberd², Jenni Reimari¹, Nicolas Yeung¹, Johanna Maukonen¹, Gordon Crawford³, Liisa Lehtoranta¹. DuPont Nutrition and Health, Kantvik, Finland¹ and St. Louis MO, USA²; CPS Research, Glasgow, Scotland³*
- 11:15-11:30 Isolation of Bacterial Strains that Produce Short Chain Fatty Acids as Potential Next Generation Probiotics.
Michael Janusz^{} and Anna Plechaty, Procter & Gamble Inc., Mason OH, USA*
- 11:30-11:45 Potential health impact of probiotics from a socioeconomic perspective.
Irene Lenoir, University of Utrecht, the Netherlands

- 11:45-noon Update on global harmonization for regulations for probiotics.
Gabriel Vinderola, UNL-CONICET, Santa Fe, Argentina
- Noon **Working lunch**
- Noon-17.00 **Discussion Groups**
1. Probiotic applications for skin and urogenital health: potential versus pitfalls.
Chairs: *Sarah Lebeer University of Antwerp, Belgium and Gregor Reid*
 2. Probiotics and prebiotic as adjuncts to drugs and facilitators of disease recovery.
Chair: *Eamonn Quigley, The Methodist Hospital and Weill Cornell School of Medicine, Houston, Texas, USA and Yehuda Ringel, Rabin Medical Center, Beilinson Hospital, Israel*
 3. Prebiotic applications in children.
Chairs: *Michael Cabana, University of California San Francisco, California, USA and Gigi Veereman, University Hospital, Brussels, Belgium*
 4. The future of probiotics and prebiotics for human health.
Chairs: *Glenn Gibson and Marla Cunningham*
 5. RDA for live microbes.
Chairs: *Colin Hill, APC, Cork, Ireland and Bob Hutkins, University of Nebraska, Lincoln NE, USA*
- 12:00-17:00 **Students and Fellows Association Program**
- 18.00-22.00 **Riverboat Trip and Dinner**

THURSDAY – MAY 16

- 8:15-8:30 Outcomes from ISAPP Synbiotic Consensus Panel
Kelly Swanson, University of Illinois, Champagne-Urbana, USA
- 8:30-9:00 Probiotic use at conception and during gestation
Maria Carmen Collado, Instituto de Agroquímica y Tecnología, Valencia, Spain
- 9:00-9:30 Prebiotics and signaling: Beyond the nutritional impact of oligosaccharides
Andrea Azcarate-Peril, University of North Carolina, Chapel Hill, USA
- 9:30-10:00 To give or not to give probiotics to children with acute diarrhea?
Hania Szajewska, The Medical University of Warsaw, Poland
- 10:00-10:30 **Break**
- 10:30-12:30 **Summary Reports from Discussion Groups and Students and Fellows Association**
Chair: *Karen Scott, University of Aberdeen, Scotland*
- 12:30 **Adjourn**