

## WEDNESDAY – JUNE 15

---

- 7:00-19:00 **Registration Desk**
- 8:30-10:15 **Industry Advisory Committee (IAC) + ISAPP Board of Directors Meeting**  
*All industry members are welcome to attend this update on ISAPP activities and opportunity to provide feedback to the ISAPP Board*  
Chairs: Marla Cunningham, Metagenics, Australia and Dan Merenstein, ISAPP President, Georgetown University School of Medicine, Washington DC, USA
- 9:00-12:00 **Students and Fellows Association Program & Poster Setup**  
Chair: Daragh Hill, SFA President, University College Cork, Ireland
- 10:15-10:45 **Break & Poster Viewing**
- 10:45-12:15 **Learning Forum**  
*Precision probiotics and prebiotics*  
Chairs: Marla Cunningham and Kelly Swanson, University of Illinois, USA
- 12:15-13:15 **Lunch**
- 13:15-13:30 **Welcome to ISAPP 2022**  
Dan Merenstein
- 13:30-15:00 **Interactive Session**  
*The Then, Now, and Future of the "Biotics" Family*  
Eamonn Quigley, The Methodist Hospital and Weill Cornell School of Medicine, USA  
Kristin Verbeke, KU Leuven, Belgium  
Clara Belzer, Wageningen University, Netherlands  
Chair: Dan Tancredi, University of California Davis, USA
- 15:00-15:30 **Break & Poster Viewing**
- 15:30-16:30 **Debate**  
*All probiotic effects must be considered strain-specific*  
Pro position: Hania Szajewska, The Medical University of Warsaw, Poland  
Con position: Sarah Lebeer, University of Antwerp, Belgium  
Panel: Dan Merenstein, Maria Marco, University of California - Davis, USA, Arthur Ouwehand, IFF, Kantvik, Finland  
Chair: Colin Hill, University College Cork, Ireland

## WEDNESDAY – JUNE 15 (CONTINUED)

---

- 16:30-16:45 **Featured Talk**  
*Antiviral potential of topically applied lactobacilli in the respiratory tract: from mechanisms to application*  
Irina Spacova, University of Antwerp, Belgium  
2021 Glenn Gibson Early Career Researcher Prize Winner  
Chair: Kelly Swanson
- 16:45-17:00 **Featured Talk**  
*Human milk oligosaccharide- utilizing bifidobacteria produce immunomodulatory aromatic lactic acids in the infant gut*  
Martin Laursen, National Food Institute, Technical University of Denmark  
2022 Glenn Gibson Early Career Researcher Prize Winner  
Chair: Kelly Swanson
- 17:00-17:15 **Selected Research Talk**  
IAC Researcher, TBD  
Chair: Marla Cunningham
- 17:15-17:45 **Welcome Cocktail**
- 17:45-18:30 **Late Breaking News**  
Chair: Gregor Reid, University of Western Ontario, London, Canada
- 18:30-19:00 **Happy 20th Anniversary, ISAPP!**  
*Gratitude for making ISAPP what it is today*  
Chair: Dan Merenstein
- 19:00-21:00 **Welcome Reception & Poster Viewing**  
Drinks and food to be served

## THURSDAY – JUNE 16

---

8:00-10:00 **Registration Desk**

8:30-10:00 **Plenary Session: Microbiota-mediated mechanisms driving health benefits**

- *Unravelling health promoting microbiota-mediated mechanisms using metabolic profiling*  
Anisha Wijeyesekara, University of Reading, UK
- *How do probiotics and prebiotics promote health through microbiota-mediated mechanisms,*  
Michiel Kleerebezem, Wageningen University & Research, Netherlands
- *How probiotics may help manage constipation: mechanisms of action*  
Eirini Dimidi, King's College London  
2022 Glenn Gibson Early Career Researcher Prize Winner

Chair: Karen Scott, University of Aberdeen, Scotland

10:00-10:30 **Break**

10:30-11:15 **Todd Klaenhammer Memorial Lecture**

*Applications of CRISPR-Cas systems in probiotic lactic acid bacteria*  
Rodolphe Barrangou, North Carolina State University, USA

Chair: Colin Hill

11:15-12:00 **Mini-Plenary: Postbiotics**

- *A decade of research on Akkermansia muciniphila: what do we know now?*  
Clara Belzer
- *Regulatory perspectives on the first EFSA-approved novel food*  
Seppo Salminen, University of Turku, Finland

Chair: Seppo Salminen

12:00-17:00 **Lunch & Discussion Groups**

1. *The impact of diet on health benefits conferred by probiotics and prebiotics.*  
Chairs: Maria Marco, University of California Davis, USA and Kevin Whelan, King's College London, UK
2. *Probiotic acute and long term safety: where do we stand in 2022?*  
Chairs: Dan Merenstein and Mary Ellen Sanders, ISAPP
3. *What do we really know about the microbiome and health?*  
Chairs: Karen Scott and Sarah Lebeer
4. *The small intestinal microbiome – an ignored/undefined therapeutic target.*  
Chairs: Eamonn Quigley and Purna Kashyap, Mayo Clinic Transplant Center, USA

## THURSDAY – JUNE 16 (CONTINUED)

---

12:00-17:00 **Lunch & Discussion Groups (CONTINUED)**

5. *Establishing causality in probiotic and prebiotic intervention trials*

Chairs: Bob Hutkins, University of Nebraska, USA and Jens Walter,  
University College Cork, Ireland

6. *The status of 'biotics' in fermented foods*

Chairs: Gabriel Vinderola, National University of Litoral, Argentina and  
Chris Cifelli, National Dairy Council, USA

12:00-17:00 **Students and Fellows Association Program**

Chair: Daragh Hill

18:00-22:00 **Gala Event**

## FRIDAY – JUNE 17

---

8:30-10:00 **Plenary Session: Clinical developments**

• *Pain in the NEC: Choosing the Right "Biotic" for Preterm Neonates*

Geoff Preidis, Baylor College of Medicine and Texas Children's Hospital, USA

• *Microbiota and gas related complaints*

Francisco Guarner, University Hospital Vall d'Hebron, Spain

• *Selected research talk*

IAC Researcher, TBD

Chair: Eamonn Quigley

10:00-10:30 **Break**

10:30-12:30 **Summary Reports from Discussion Groups & Students and Fellows Association**

Discussion Group Chairs and SFA President

Chair: Gabriel Vinderola