Scientific Program

2004 Meeting of ISAPP, Copper Mountain Colorado
August 28-31, 2004

Plenary Lectures
Sunday, August 29, 8:30am – 12:30pm

8:30 – 8:45 am Welcome

8:45 – 9:15 am Engineering human vaginal lactobacilli to express HIV inhibitory molecules as a novel microbicide platform. Peter Lee, Stanford Univ. (David Mills host)

9:15 – 9:45 am Can we program the gut for health? Thadeus Stappenbeck, Washington Univ. School of Medicine (Gregor Reid host)

9:45 – 10:15 am Immune modulation by intestinal helminths: from mechanism of action to therapeutic application. Joel Weinstock, Univ. of Iowa Hospitals & Clinics (Francisco Guarner host)

10:15 – 10:45 am Break - Kokopelli’s*

10:45 – 11:15 am Hygiene as a cause of autoimmune disorders. G. A. Rook, Univ. College London (Francisco Guarner host)

11:15 – 11:45 am Prebiotics and bone health. Connie Weaver, Purdue Univ. (Todd Klaenhammer host)

11:45 – 12:15 pm Prebiotics and colorectal cancer risk. Ian Rowland, Northern Ireland Centre for Food and Health (Glenn Gibson host)

12:15 – 12:30 Wrap up
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<th>Group</th>
<th>Topic</th>
<th>Chair/co-chair</th>
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| 1.    | Engineered probiotics as therapeutics: formats and challenges | Chair: David Mills, Univ. of California – Davis, USA  
Co-chair: Todd Klaenhammer, North Carolina State Univ., USA | Peter Lee, Stanford Univ., USA  
Gianni Pozzi, Univ. of Sienna, Italy  
Philippe Langella, National Institute of Agronomical Research, France  
Lothar Steidler, Alimentary Pharmabiotic Centre, Ireland  
Jerry Wells, Institute of Food Research, Colney, Norwich, UK  
Michiel Kleerebezem, NIZO Food Research, The Netherlands  
Jos Seegers, Erasmus Univ. Rotterdam, The Netherlands  
Lennart Hammarstrom, Karolinska University Hospital, Sweden  
Jim Heimbach, JJHeimbach LLC, USA |
| 2.    | Host commensal interactions - who talks to whom and how? | Chair: Gregor Reid, Univ. of Western Ontario, Canada  
Co-chair: Rex Gaskins, Univ. of Illinois, USA | Thadeus Stappenbeck, Washington Univ. Sch. Med, USA  
Corinne Grangette, Pasteur Institute of LILLE, France  
John McCormick, Univ Western Ontario, Canada  
Maeve Murphy, General Mills, USA  
Yoshimi Benno, Japan Collection of Microorganisms, Japan  
Miguel Freitas, Danone, France  
Jane Leedle, Chr. Hansen, USA  
Ben Dias, Kraft, USA |
| 3.    | Omics technologies - exploration of the interaction of pro and prebiotics with the host | Chair: Joe O’Donnell, CA Dairy Research Found, USA  
Co-chair: Ian Rowland, Univ of Ulster, UK | Bruce German, Univ. of California, Davis, USA  
Anne Kurilich, National Dairy Council, USA  
Mike Gasson, Institute of Food Research, UK  
Marion Leclerc, INRA, France  
Nina Raatonen, Danisco Innovation, Finland  
Ralph N. Landau, Bradley Pharmaceuticals, Inc., USA  
Yvonne Clune, Univ. College Cork, Ireland  
Jay Tietsman, Procter and Gamble, USA  
Karen Scott, Rowett Research Institute, Scotland |
| 4.    | Hygiene and immune regulation | Chair: Francisco Guarner, Hospital General Vall d’Hebron, Spain  
Co-chair: Graham Rook, Univ. College London, UK | Willem van Eden, Utrecht Univ., The Netherlands  
Harshann Gill, Department of Primary Industries, Australia  
Joshua Korzenik, Massachusetts General Hospital, USA  
Peter McGuirk, Immune Regulation Research Group, Ireland  
James Versalovic, Baylor College of Medicine, USA  
Joel Weinstock, Univ. of Iowa, USA  
Per Brandtzæg, LILPAT, Inst. of Pathology, Norway  
Alice Heth, General Mills, USA  
Raphaële Bourdet-Sicard, Danone, France |
| 5. | Biomarkers for healthy people | Chair: Maria Saarela, VTT Biotechnology, Finland  
Co-chair: Joseph Rafter, Karolinska Institutet, Sweden | Yehuda Ringel, Univ. of North Carolina at Chapel Hill, USA  
Daniel Bunout, INTA Univ. of Chile, Chile  
Martin Kullen, Wyeth, USA  
Greg Leyer, Rhodia, USA  
Jean-Michel Antoine, ILSI/Danone, France |
| 6. | Prebiotic and probiotic applications to companion animals | Chair: George Fahey, Univ of Illinois  
Co-chair: Bob Rastall, Univ of Reading | Christina Khoo, Hills Pet Food, USA  
Marie Louise Baillon, Waltham Centre for Pet Nutrition, UK  
Arlan Hotchkiss, USDA-ARS, USA  
Glenn Gibson, Univ. of Reading, UK  
Anne McCartney, Univ. of Reading, UK  
Ram Nimmagudda, Chr. Hansens, USA  
Mike Ceddia, Mead Johnson, USA  
Marko Stojanovic Procter & Gamble, USA |
| 7. | Development of a probiotic dossier using science-based criteria | Chair: Bruno Pot, Institut Pasteur de Lille, France  
Co-chair: Mary Ellen Sanders, Dairy & Food Culture Technologies, USA | Dominique Brassart, BDN Bio sarl, Switzerland  
Luc Devuyst, Vrije Universiteit Brussel, Belgium  
Thomas Tompkins, Institut Rosell, Canada  
Irene Lenoir-Wijnkoop, Danone, France  
Yuan Kun Lee, National Univ. of Singapore, Singapore  
Kevin Collins, University College Cork, Ireland  
Trish Conway, VRI, Australia  
Peggy Martini, Kraft, USA  
Fabrizio Arigoni, Nestle, Switzerland  
Norio Ishibashi, Japan |
| 8. | Physiological relevance of prebiotic activity | Chair: Jan Van Loo, Orafti, Belgium  
Co-chair: Kieran Tuohy, Univ of Reading, UK | Bryon Petschow, Mead Johnson, USA  
Ian Griffin, Baylor College of Medicine, USA  
Cyril Kendall, University of Toronto, Canada  
Bob Hutkins, Univ. of Nebraska, USA  
Doug Willrett, Genencor, USA  
Connie Weaver, Purdue Univ., USA  
Sandra Macfarlane, University of Dundee, Scotland  
Robert Ward, Univ of California - Davis, USA |