

Scientific Program  
4th ISAPP meeting  
University of Ulster  
Coleraine Northern Ireland UK  
June 16-18, 2006

Meeting information: [http://www.isapp.net/IS\\_2006MI.htm](http://www.isapp.net/IS_2006MI.htm)  
Scientific program information: **Mary Ellen Sanders** [mes@mesanders.com](mailto:mes@mesanders.com)  
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**Overview of schedule for meeting**

Thursday, June 15:

4:00-5:30 pm: Board of Directors (BOD) meeting, W0010, CMB  
7:00 pm: BOD/Industry Advisory Committee dinner, Zio's

Friday, June 16:

8:00 - 9:00 am: Breakfast, Bannside Dining Room  
9:00 am - noon: Industry Advisory Committee meeting, H215  
12:30 pm: Lunch, Bannview Dining Room  
1:15 – 4:15 pm: Plenary Lectures, The Octagon  
4:45 pm – 6:30 pm: Late Breaking News (Gregor Reid), Senior Common Room  
6:30 pm – 7:45 pm: Controversies (Glenn Gibson), Senior Common Room  
8:00 pm: Dinner, Bannview Dining Room  
9:30 pm: Jazz Band, Senior Common Room

Saturday, June 17:

07.30 - 08.30 am: Breakfast, Bannside Dining Room  
8:30 am – 2:30 pm: Discussion Groups  
Noon-1:15 pm: Lunch (collect from the Bridge)  
3:00 pm: Activity, Treasure Hunt at the Giants Causeway  
7:30 pm: Dinner, Causeway Hotel

Sunday, June 18:

8:30 am: Breakfast  
9:30 am - Noon: Summary and critical recommendations from discussion groups  
Noon: Close meeting  
1:00 pm – 3:00 pm: BOD meeting in H215

**Scientific Program**

**Friday, June 16**

**1:15 – 4:15 pm. Plenary Lectures:**

1. What can we learn from the paleodiet about probiotics and prebiotics. **Jeff Leach**, Paleobiotics Lab, Silver City NM (host Glenn Gibson)
2. Microbial ecology: a topographical perspective. **Alexander Swidsinski**, The University Hospital Charité of the Humboldt University of Berlin, Germany (host James Versalovic)
3. A role of probiotics in stress-related injury. **Phil Sherman**, Hospital for Sick Children, University of Toronto, Canada (host Francisco Guarner)

4. Irritable bowel syndrome: what can be expected from probiotic, prebiotic or synbiotic intervention? **Lesley Houghton** from the University of Manchester (host Glenn Gibson)
5. Can neuroimmune interactions that play a pivotal role in health and well-being be the target of probiotics? **Robert Dantzer**, Laboratory of Integrative Neurobiology (CNRS/INRA/University of Bordeaux) and Coordinator of the Integrative Program in Brain, Behavior and Immunity (University of Illinois at Urbana-Champaign) (host Gregor Reid)

**4:45 pm – 6:15 pm: Controversies** (Glenn Gibson) – 15 min discussions per topic, 3 slides max per person (discussion leader)

- Only multi probiotic strains are valuable. (Karen Madsen)
- No gas, no glory. (Bob Rastall)
- Dead bugs don't work. (Francisco Guarner)
- Is yogurt a probiotic? (Mary Ellen Sanders)
- Prebiotics for prevention, probiotics for treatment (Jan Van Loo)

**6:30 pm – 7:45 pm: Late Breaking News** (Gregor Reid)

### **Saturday, June 17**

#### **Discussion Groups (Approximately 10 participants per group):**

1. Probiotics as anti-infectives: prevention and adjunct therapy (**Gregor Reid**) Sung Kim, Nico Bos, Karen Madsen, Helena Tlaskalova-Hogenova, Florian Gunzer, Colin Hill, Lesley Houghton, Germain Trugnan, Ariane van de Moer (Danone), Linda Thomas (Yakult), Dan Merenstein
2. Influence of culture preparation, delivery matrix and encapsulation/co-encapsulation on probiotic and prebiotic functionality (**Paul Ross** and **Claude Champagne**) Jaana Mättö, Henrik Moellgaard (Chr. Hansens), Maeve Murphy (General Mills), Dimitris Charalampopoulos (University of Reading), Ben Dias (Kraft), Harsharn Gill, Greg Leyer (Danisco), David O'Sullivan (UCC), Thomas Tompkins (Institut Rosell)
3. Probiotics and prebiotics for the control of colorectal cancer: facts and promises. (**Ian Rowland** and **Francisco Guarner**) John Mathers, Beatrice Pool Zobel, Piotr B. Heczko, Hideki Ishikawa, Satoshi Kudo (translator - Yakult), Douwina Bosscher (Orafti), Nina Rautonen (Danisco), Jakob Linseisen
4. Mechanisms of gut flora, probiotic and prebiotic influence on sites distant from the intestinal tract. (**Mary Ellen Sanders** and **Irene Lenoir**), Jan Van Loo (Orafti), Robert Dantzer, Duane Charboneau (P&G), Phil Sherman, Michael Cabana, Nada Rayes, Harro Timmerman, Bénédicte Flambard (Chr. Hansens), Gerard Corthier, Esber Caglar, Danielle Wolvers (Unilever), Ravi Menon (General Mills), Mario Vaneechoutte, Iris Manneck (Merck)
5. Animal uses for probiotics and prebiotics: impact on antibiotic use. (**Bob Rastall**) George Fahey, Rob La Ragione, Randal Buddington, Gwen Allison, Kostas Mountzouris, Annie Donoghue, Timothy Wallace (Institut Rosell), Graeme Coles

**June 12, 2006**

6. Functional genomics of probiotics. (**Jim Versalovic**) Robert Britton, Eamonn Connolly, Michael Gasson, Michiel Kleerebezem, David Pridmore, Todd Klaenhammer, Joseph Rafter, Alexander Swidsinski, Paul O'Toole, Nathalie Goupil-Feuillerat (Danone), Mike Russell (Mead Johnson).
7. What determines the bacteria we inherit? (**Glenn Gibson and Karen Scott** ). Mike Ceddia (Mead Johnson), Jeff Leach, Nanda Nanthakumar, Anne McCartney, Anna Snelling, Elaine Vaughan, Joseph O'Donnell (California Dairy Research Foundation), Jia Zhao (Yakult), Peggy Martini (Kraft)

**Sunday, June 18**

**9:30 am – Noon: Summary and critical recommendations from discussion**