

Latest Insights into the Gut Microbiota and Health: From Research to Practice

8:30 – 9:25 Arrival & Refreshments

8:45 – 9:15 **Satellite Symposium: An introduction to the main principles of the gut microbiota; what it is, what it does and what affects it**Dr Eirini Dimidi RD, Postdoctoral Research Associate, *King's College London*

9:25 – 9:30 Welcome

Session 1: Development & Roles of the Gut Microbiota**9:30 – 10:00** **The role of the microbiota in immune system development**Dr Caroline Childs, Lecturer in Nutritional Sciences, *University of Southampton***10:00 – 10:30** **The role of the microbiota in neurodevelopment and neurodegenerative disease**Dr Siobhain O'Mahony, Lecturer in the Department of Neuroscience and Anatomy, *University College Cork***10:30 – 11:00** **The impact of dietary components on gut bacteria and substrate metabolism**Dr Karen Scott, Senior Research Fellow, *The Rowett Institute***11:00 – 11:15** **Panel Discussion**

11:15 – 11.45 Break

Session 2: Modulating the Gut Microbiota**11:45 – 12:15** **Dietary modulation of the microbiota and cancer treatment outcomes**Mr James Kinross, Senior Lecturer in Surgery and Consultant Surgeon, *Imperial College London***12:15 – 12:45** **Probiotics and liver disease: human intervention findings**Dr Jane Macnaughtan, Principal Clinical Research Associate and Honorary Consultant in Hepatology, *University College London***12:45 – 13:15** **The potential for faecal microbiota transplants in the management of intestinal diseases**Dr James McIlroy, *Founder at EnteroBiotix***13:15 – 13:30** **Panel Discussion**

13:30 – 14:30 Lunch

Session 3: From Research into Practice**14:30 – 15:00** **Safety considerations when modulating the microbiota with probiotics in clinical practice**Prof Kevin Whelan, Professor of Dietetics, *King's College London***15:00 – 15:30** **Challenges faced by athletes: is there scope for taking microbiota research to a new league?**Mike Naylor, Head of Performance Nutrition, *English Institute of Sport***15:30 – 16:00** **Getting the public engaged in the microbial world: insights from the Good Germs, Bad Germs project**Dr Jamie Lorimer, Associate Professor in Human Geography, *University of Oxford***16:00 – 16:15** **Panel Discussion**

16:15 – 16:20 Close*Draft programme – talk titles and timings subject to change*