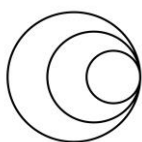


Hybrid Conference Programme

Start (BST)	Finish (BST)	Presenter details
Monday 24 October 2022		
11:30	12:50	Registration, lunch and networking
12:30	12:45	<i>Briefing for Keynote and Session 1 speakers, chair, moderator, committee - Auditorium</i>
12:50	13:00	Welcome <i>Scientific Programme Committee: Lindsay Hall, Technical University of Munich (& Quadram Institute Bioscience), Germany (UK) Reetta Satokari, University of Helsinki, Finland Alan Walker, The Rowett Institute - University of Aberdeen, UK Jerry Wells, Wageningen University & Research, Netherlands</i>
13:00	14:00	Keynote 1 <i>Chair: Alan Walker, The Rowett Institute - University of Aberdeen, UK Moderator: Reetta Satokari, University of Helsinki, Finland</i> Personalized medicine based on microbiome and clinical data <i>Eran Segal, Weizmann Institute, Israel</i>
14:00	14:10	Comfort break
14:10	15:40	Session 1: Nutrition, metabolism and the microbiome <i>Chair: Reetta Satokari, University of Helsinki, Finland Moderator: Alan Walker, The Rowett Institute - University of Aberdeen, UK</i>
14:10	14:40	Food-based approach for modulating the gut microbiota in the treatment of childhood malnutrition <i>Tahmeed Ahmed, icddr'b, Bangladesh</i>
14:40	15:10	Succinate: a microbiota-derived metabolite with a key role in energy homeostasis <i>Sonia Fernandez-Veledo, University Hospital of Tarragona Joan XXIII - Pere Virgili Health Research Institute - CIBERDEM, Spain</i>
15:10	15:25	A previously uncharacterised hydrogenase dominates fermentation in the human gastrointestinal tract <i>Caitlin Welsh, Monash University, Australia</i>
15:25	15:40	Mucus utilization allows Prevotella copri to persist in the absence of dietary fibre <i>Lena Amend, Helmholtz Centre for Infection Research, Germany</i>
15:40	16:30	Refreshment break and networking
16:15	16:30	<i>Briefing for Session 2 speakers, chair, moderator - Auditorium</i>



16:30 18:00 Session 2: Microbiome and cancer

Chair: Lindsay Hall, Technical University of Munich (& Quadram Institute Bioscience), Germany (UK)

Moderator: Jerry Wells, Wageningen University & Research, Netherlands

16:30 17:00 *Imke Mulder, 4D Pharma, UK*

17:00 17:30 *Stephen Robinson, Quadram Institute Bioscience, UK*

17:30 17:45 Defining the relationship between the gut microbiome, host factors, and response to immune checkpoint inhibitors across diverse rare cancer types
Ashray Gunjur, Wellcome Sanger Institute, UK

17:45 18:00 *Speaker TBC*

18:00 19:30 Poster session 1: odd numbers, with refreshments

18:00 18:30 Lightning talks for poster session 1: odd numbers

18:30 19:30 Poster session 1: odd numbers

19:30 21:00 Dinner

19:30 23:00 Bar open (card payments only)

Tuesday 25 October 2022

07:30 09:00 Breakfast

08:45 09:00 *Briefing for Session 3 speakers, chair, moderator - Auditorium*

09:00 10:15 Session 3: Beyond bacteria

Chair: Reetta Satokari, University of Helsinki, Finland

Moderator: Lindsay Hall, Technical University of Munich (& Quadram Institute Bioscience), Germany (UK)

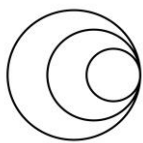
09:00 09:30 The human archaeome
Christine Moissl-Eichinger, Medical University of Graz, Austria

09:30 10:00 The viral dark matter of the gut microbiome
Andrey Shkoporov, APC Microbiome, Ireland

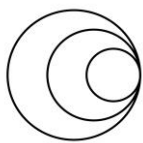
10:00 10:15 Diverse virome in fecal immunochemical tests from bowel cancer screening participants
Paula Istvan, University of Oslo, Norway

10:15 11:00 Refreshment break and networking

10:45 11:00 *Briefing for Session 4 speakers, chair, moderator - Auditorium*



11:00	13:15	Session 4: Respiratory health, microbiome and the age of Covid
		<i>Chair: Alan Walker, The Rowett Institute - University of Aberdeen, UK</i> <i>Moderator: Reetta Satokari, University of Helsinki, Finland</i>
11:00	11:30	Systematic assessment of the respiratory microbiome in elite athletes <i>Leah Cuthbertson, Imperial College London, UK</i>
11:30	12:00	The role of the environmental microbiome for asthma development <i>Erika von Mutius, Ludwig Maximilian University of Munich, Germany</i>
12:00	12:15	Lacticaseibacillus casei AMBR2 as an airway probiotic to combat viral infections and bacterial superinfections <i>Eline Cauwenberghs, University of Antwerp, Belgium</i>
12:15	12:30	COVID-19 severity is associated with population-level gut microbiome variations <i>Eva Lymberopoulos, University College London, UK</i>
12:30	12:45	The upper respiratory tract microbiota across the human lifespan: a nationwide Dutch population study <i>Mari-Lee Odendaal, National Institute for Public Health and the Environment (RIVM), The Netherlands</i>
12:45	14:30	Lunch and networking
14:14	14:30	Briefing for Session 5 speakers, chair, moderator - Auditorium
14:30	16:00	Session 5: Methodological and modelling innovations
		<i>Chair: Jerry Wells, Wageningen University & Research, Netherlands</i> <i>Moderator: Alan Walker, The Rowett Institute - University of Aberdeen, UK</i>
14:30	15:00	<i>Spencer Diamond, University of California, Berkeley, USA</i>
15:00	15:30	Deciphering the chemical language of the microbiome using computational genomics <i>Marnix Medema, Wageningen University, Netherlands</i>
15:30	15:45	A high-throughput imaging platform linking microbiome metabolism to identity at the single-cell level <i>Fatima Pereira, University of Southampton, UK</i>
15:45	16:00	Linking antimicrobial resistance genes to their bacterial hosts in the human gut microbiome using metagenomic chromosome confirmation capture approaches <i>Willem van Schaik, University of Birmingham, UK</i>
16:00	16:45	Refreshment break and networking
16:45	18:30	Poster session 2: even numbers, with refreshments
16:45	17:15	Lightning talks for poster session 2: even numbers
17:15	18:30	Poster session 2: even numbers
18:30	21:00	Dinner
18:30	23:00	Bar open (card payments only)



Wednesday 26 October 2022

07:30 09:30 Breakfast

09:15 09:30 Briefing for Session 6 speakers, chair, moderator - Auditorium

09:30 11:00 Session 6: Exploring the microbiome - lessons from the animal kingdom

Chair: Jerry Wells, Wageningen University & Research, Netherlands

Moderator: Lindsay Hall, Technical University of Munich (& Quadram Institute Bioscience), Germany (UK)

09:30 10:00 "Designer fiber" for the precise manipulation of animal gut microbiomes
Sabina Leanti La Rosa, Norwegian University of Life Sciences, Norway

10:00 10:30 Title TBC
Amy Apprill, Woods Hole Oceanographic Institute, USA

10:30 10:45 Impacts of maternal microbiota and microbial metabolites on foetal intestine, brain and placenta
Aleksi Husso, University of Helsinki, Faculty of Veterinary Medicine, Finland

10:45 11:00 Preconception gut microbiota induces patrilineal intergenerational health risks
Ayele Denboba, EMBL-Rome, Italy

11:00 11:45 Refreshment break and networking

11:30 11:45 Briefing for Keynote, chair, moderator, committee - Auditorium

11:45 12:45 Keynote 2

Chair: Lindsay Hall, Technical University of Munich (& Quadram Institute Bioscience), Germany (UK)

Moderator: Jerry Wells, Wageningen University & Research, Netherlands

Title TBC

Ruth Ley, Max Planck Institute for Developmental Biology, Germany

12:45 13:00 Closing remarks and poster prize presentation

Scientific Programme Committee:

Lindsay Hall, Technical University of Munich (& Quadram Institute Bioscience), Germany (UK)

Reetta Satokari, University of Helsinki, Finland

Alan Walker, The Rowett Institute - University of Aberdeen, UK

Jerry Wells, Wageningen University & Research, Netherlands

13:00 13:50 Lunch and departures

13:50 Coach departures for Stansted and Heathrow airports

14:00 Coach departures for Cambridge train station and city centre