

**Hybrid Conference Programme**

Start (GMT)	Finish (GMT)	Presenter details
<b>Wednesday 14 February 2024</b>		
12:00	13:00	<b>Registration, lunch and networking</b>
12:45	13:00	Briefing for Keynote & Session 1 speakers, microphone runners, chair, moderator & committee - Auditorium
13:00	13:10	<b>Welcome</b> <i>Treasa Creavin - Head of Scientific Meetings and Digital Learning Wellcome Connecting Science, UK</i>  <b>Scientific Programme Committee:</b> <a href="#">Denise Morais da Fonseca, University of São Paulo, Brazil</a> <a href="#">Lindsay Hall, Quadrum Institute, UK</a> <a href="#">Alan Walker, University of Aberdeen, UK</a> <a href="#">Jerry Wells, Wageningen University, The Netherlands</a>
13:10	14:10	<b>Keynote 1</b> <i>Chair: Lindsay Hall, Quadrum Institute, UK Moderator: Jerry Wells, Wageningen University, The Netherlands</i>  Tracking microbial function using genome-resolved metagenomics and AI <a href="#">Niranjani Nagarajan, A*STAR Genome Institute of Singapore</a>
14:10	14:15	Comfort break
14:15	15:45	<b>Session 1: Under Represented Microbiomes</b> <i>Chair: Denise Morais da Fonseca, University of São Paulo, Brazil Moderator: Alan Walker, University of Aberdeen, UK</i>
14:15	14:45	Microbiome in the first 1000 days of life: assembly, development and challenges & perspectives in Brazilian children <a href="#">Carla Taddei, University of São Paulo, Brazil</a>
14:45	15:15	The African Microbiome Project: Insights from urban and rural South Africans <a href="#">Thulani Makhalanyane, University of Pretoria, South Africa - VIRTUAL</a>
15:15	15:30	Oedematous Severe Acute Malnutrition Is Characterized By Distinct Microbiota And Plasma Metabolic Phenotypes <a href="#">Ruairi Robertson, Queen Mary University of London, UK</a>
15:30	15:45	Evolution of the gut microbiome of Costa Rican infants: longitudinal study from 2 to 8 months of age <a href="#">Daniel López, Cellular and Molecular Biology Research Center, UCR, Costa Rica</a>
15:45	16:30	Refreshment break and networking
16:15	16:30	Briefing for Session 2 speakers, chair & moderator - Auditorium
16:30	18:00	<b>Session 2: Microbiome and Immunity</b> <i>Chair: Jerry Wells, Wageningen University, The Netherlands Moderator: Lindsay Hall, Quadrum Institute, UK</i>
16:30	17:00	Microbiomes beyond mice and men: how the mother-child microbiota bond modulates lung immunity in a pig model <a href="#">Friederike Ebner, Technische Universität München, Germany</a>
17:00	17:30	Microbiota-Specific CD4 T Cells and cytokine networks: Central Actors in Intestinal Inflammation <a href="#">Ahmed Hegazy, Charité – Universitätsmedizin Berlin</a>
17:30	17:45	Gut microbiota modulations highlight colon epithelial cell type specific responses and role of inter-crypt secretory cells in dysbiosis <a href="#">Vinicius Nirello, University of Campinas, Brazil</a>
17:45	18:00	Antiretroviral treatment is less effective at reducing gut microbiome-associated inflammation and T cell activation in people living with HIV in rural <a href="#">Sofia Colorado, University of Colorado Anschutz Medical Campus, USA</a>
18:00	18:30	<b>Poster pitch talks for odd number posters</b> <i>Chair: Alan Walker, University of Aberdeen, UK</i>
18:30	19:30	<b>Poster session 1 - odd number posters</b>
19:30	21:00	Dinner
		Bar open (card payments only)

**Thursday 15 February 2024**

07:30	09:00	Breakfast
09:15	09:30	Briefing for Session 3 speakers, chair & moderator - Auditorium
<b>09:30</b>	<b>11:00</b>	<b>Session 3: Ecological Networks and Modelling</b>
		<i>Chair: Alan Walker, University of Aberdeen, UK</i> <i>Moderator: Denise Fonseca, University of Sao Paulo, Brazil</i>
09:30	10:00	Understanding and predicting microbiome dynamics <a href="#">Katharine Coyte, University of Manchester, UK</a>
10:00	10:30	Leveraging Explainable Artificial Intelligence (XAI) for Gut Microbiome-based Colorectal Cancer Classification <a href="#">Takuji Yamada, Tokyo Institute of Technology, Japan</a>
10:30	10:45	Key bacterial interactions govern microbiota response to phenolic compounds <i>Remy Young, Hudson Institute of Medical Research, Australia</i>
10:45	11:00	Enterosignatures allow for generalized classification of abnormal gut microbiomes <i>Falk Hildebrand, Quadram, UK</i>
11:00	11:45	Refreshment break and networking
11:30	11:45	Briefing for Session 4 speakers, chair & moderator - Auditorium
<b>11:45</b>	<b>13:15</b>	<b>Session 4: Live Biotherapeutics</b>
		<i>Chair: Sarah Lebeer, University of Antwerp, Belgium</i> <i>Moderator: Lindsay Hall, Quadrum Institute, UKBC</i>
11:45	12:15	Fecal microbiota transplantation plus immunotherapy in advanced melanoma patients <a href="#">Saman Maleki, Western University, Canada</a>
12:15	12:45	Probiotics for the treatment of type 2 diabetes <a href="#">Elena Rampanelli, Amsterdam, UMC, Netherlands</a>
12:45	13:00	Longitudinal upper respiratory microbiome characterisation in mother-infant pairs following nasal inoculation with commensal <i>Neisseria lactamica</i> in pregnancy: results of the world's first perinatal human challenge study <i>Anastasia Theodosiou, University of Southampton, UK</i>
13:00	13:15	A skin isolate of <i>Micrococcus luteus</i> prevents a <i>Staphylococcus aureus</i> -induced type 2 immune response via serine protease activity <i>Abigail Elias, University of Manchester, UK</i>
13:15	14:30	Lunch and networking
14:15	14:30	Briefing for Session 5 speakers, chair & moderator - Auditorium
<b>14:30</b>	<b>16:00</b>	<b>Session 5: Gut-Brain Axis</b>
		<i>Chair: Lindsay Hall, Quadrum Institute, UK</i> <i>Moderator: Carla Taddei de Castro Neves, University of São Paulo, Brazil</i>
14:30	15:00	Unravelling the role of perinatal gut microbiota in neurovascular development <a href="#">Maria Rodríguez Aburto, University College Cork, Ireland</a>
15:00	15:30	Gut microbial-derived proline metabolism and depression <a href="#">Jordi Mayneris Perxachs, Girona Biomedical Research Institute, Spain</a>
15:30	15:45	Illuminating Parkinson's gut microbiome signatures with Topological Data Analysis <i>Eva Lymberopoulos, University College London, UK</i>
15:45	16:00	Linking the Gut Microbiome to Neurocognitive Development in Bangladesh Malnourished Infants <i>Theo Portlock, The Liggins Institute, University of Auckland, New Zealand</i>
<b>16:00</b>	<b>16:30</b>	<b>Poster pitch talks for even number posters</b>
		<i>Chair: Denise Fonseca, University of Sao Paulo, Brazil</i>
<b>16:30</b>	<b>17:45</b>	<b>Poster session 2 - even number posters</b>
17:45	18:30	Free time
18:30		Dinner
		Bar open (card payments only)

**Friday 16 February 2024**

07:30	09:00	Breakfast
09:15	09:30	Briefing for Session 6 speakers, chair & moderator - Auditorium
<b>09:30</b>	<b>11:00</b>	<b>Session 6: Vaginal Microbiomes</b>
		<i>Chair: Maria Rodriguez Aburto, University College Cork, Ireland</i> <i>Moderator: Alan Walker, University of Aberdeen, UK</i>
09:30	10:00	The Isala citizen-science project and the vaginal microbiome <a href="#">Sarah Lebeer, University of Antwerp, Belgium</a>
10:00	10:30	Vaginal microbiota-host interactions in pregnancy and preterm birth <a href="#">David Macintyre, Imperial College, London, UK</a>
10:30	10:45	Deciphering Strain-Level Dynamics in the Vaginal Microbiome: Implications for Host-Microbe Interactions and Reproductive Health Outcomes <i>Naga Sai Ravi Chandra Nori, Teagasc Food Research Centre, Ireland</i>
10:45	11:00	Microbial biomarkers in unexplained recurrent pregnancy loss <i>Claire Woodall, University of Bristol, UK</i>
11:00	11:45	Refreshment break and networking
11:30	11:45	Briefing for panellists, chair, moderator & committee - Auditorium
<b>11:45</b>	<b>12:45</b>	<b>Microbiome: communication and publishing - Panel Session</b>
		<i>Chair: Alan Walker, University of Aberdeen, UK</i> <i>Moderator: Lindsay Hall, Quadrum Institute, UK</i>
		Join our panellists for a lively discussion on communicating and publishing microbiome research
<b>12:45</b>	<b>13:00</b>	<b>Closing remarks and prize presentation</b>
		<b>Scientific Programme Committee:</b> <a href="#">Denise Morais da Fonseca, University of São Paulo, Brazil</a> <a href="#">Lindsay Hall, Quadrum Institute, UK</a> <a href="#">Alan Walker, University of Aberdeen, UK</a> <a href="#">Jerry Wells, Wageningen University, The Netherlands</a>
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