



UKRI-BBSRC Microbiome Capability Workshop Agenda

Wednesday 4th March 2020, [Novotel Birmingham Centre, 70 Broad Street](#)

09:30 – 10:00	30mins	<i>Arrival plus coffee/tea</i>
10:00 – 10:15	15 mins	Welcome and Introduction to the Day <i>To set the context for the day by providing the rationale for the workshop, how it fits into the wider BBSRC strategy, UKRI, etc. followed by Q&A</i>
10:15 – 10:25	10 mins	Attendee Presentation 1: What are the big unanswered questions? <i>Ian Charles (Quadram Institute)</i>
10:25 – 10:35	10 mins	Attendee Presentation 2: An Industry perspective on the Microbiome <i>Andrew Morgan (KTN SIG), Mark Richardson (NBIC)</i>
10:35 – 10:45	10 min	Introduction to the Morning Session
10:45 – 11:35	50 mins	Session 1: What are the biggest research challenges for the microbiome field? <i>Looking forward, over the next five years, what are the biggest research challenges for the field and clustering them by their potential to address gaps in our knowledge.</i>
11:35 – 11:50	15 mins	<i>Coffee break</i>
11:50 – 12:50	60 mins	Session 2: Deep dive into the issues from Session 1 <i>Unpacking and exploring the issues in more detail, including why it is important, what would happen if the challenge could be addressed, what limits our ability to address this challenge and what we need beyond business as usual to overcome these issues.</i>
12:50 – 13:50	60 mins	<i>Lunch</i>
13:50 – 14:00	10 mins	Attendee Presentation 3: Innovative approaches on the horizon <i>Gail Preston (University of Oxford), Philip Poole (University of Oxford)</i>
14:00 – 14:10	10 mins	Attendee Presentation 4: Key challenges in technology <i>Alexandre Almeida (EBI)</i>
14:10 – 14:15	5 mins	Introduction to Afternoon Session
14:15 – 15:05	50 mins	Session 3: What are the potential future innovative and disruptive ways of tackling microbiome function and host interaction? <i>Exploring the big knowledge gaps that need to be addressed over the next five years, and what innovative/ distinctive approaches that will be needed.</i>
15:05 – 15:20	15 mins	<i>Coffee break</i>
15:20 – 16:20	60 mins	Session 4: What are the current technologies, resources and skills in the field and the UK's Capabilities? <i>Exploring what are the new technologies and ways of analysing data, and how close are these to being available to us? What skills will be needed for this? With this in mind, understanding the UK's strengths and limitations in the field.</i>
16:20 – 16:30	10 mins	Wrap up and closing remarks