

FACT SHEET:

The Gut and the Gut-Brain Axis

The Microbiome & Probiotics R&D and Business Collaboration Forum has 4 conference tracks covering topics across research, funding, commercialization and regulation of various applications, including the Gut, Skin, Early Life & Infant Microbiome, Probiotics, Prebiotics, Diet and Personalised Nutrition.

You can customize your agenda from any of the conference tracks, roundtable sessions, [poster presentations](#) and networking forums.

To help you navigate the whole, larger agenda, are the highlights relating to the gut and the gut-brain axis:

DAY ONE

8:00	Exhibition hall opens Refreshments
Session 1	Keynote Presentation Humans and their Microbiota Karen Nelson, President, J. Craig Venter Institute, USA
KEYNOTES	Systems ecology of host-microbiome interactions Paul Wilmes, Associate Professor of Systems Ecology, University of Luxembourg
	Solution provider presentation session: Arne Materna, Vice President of Product, CosmosID
10.40	Poster Presentations Refreshments & Networking
	Restoring gut Microbiome functions using keystone single strain bacteria in the treatment of metabolic disorders Sandrine Claus, CSO, LNC Therapeutics
	Microbial treatments for gout and metabolic diseases Rikke Nielsen, CEO and Founder, Beo Therapeutics
	Protecting and preserving the intestinal microbiota from antibiotic-induced dysbiosis with an antibiotic quencher: an effective and safe solution for the prevention of Clostridioides difficile infection. Florence Sejourne, CEO, Da Volterra
	Ultrahigh resolution microbiomics and integrative systems biology Henrik Bjørn Nielsen, CSO, Clinical Microbiomics
13.35	Lunch
Session 3	POSTER COMPETITION WINNERS TALK If interested in submitting a poster and/or applying to present a poster on the programme, please CLICK HERE and apply before the deadline 27th April 2020
IBD, COLITIS, METABOLIC DISEASES	Solution provider presentation session: Biose & Luina Bio
	Unlocking the potential of the microbiome: Oxalobacter formigenes for the treatment of Primary hyperoxaluria Maria Akerman, Director Process R&D, Oxthera, Sweden
	Next Generation Live Biotherapeutic Edward Green, Chief Executive, CHAIN Biotechnology Ltd.
16.10	Poster Presentations Refreshments & Networking
Session 4	How can we make the microbiome and digestive health mass market Lisa Macfarlane & Alana Macfarlane, Co Founders, The Gut Stuff
18.20	Drinks Reception

DAY TWO

8.20	Refreshments
Session 1	Keynote Presentation: The role of the gut microbiota brain interactions Emeran Mayer, Director, UCLA
Keynotes	Sleep, microbiota and immune system Hok Bing Thio, Erasmus University Medical Center
	PMP™ - A targeted approach to microbiome profiling Morten L. Isaksen, Bio-Me
10.30	Poster Presentations Refreshments & Networking
Session 2	Parkinson's disease: no guts no glory. Aletta Kraneveld, Professor Interdisciplinary Translational Pharmacology, University of Utrecht, The Netherlands
GUT-BRAIN AXIS	The gut-brain connection Pierre Lestage, CEO, Neribiom, France
	Brain microbiome promotes tau aggregation and Alzheimer's disease George Tetz, CEO, Human Microbiology Institute
	Towards a Host – Microbiome, IBD in vitro model for the identification of functional ingredients Edwin Abeln, Senior Business Development Manager, TNO
13.20	Lunch
Session 3	GMP Manufacturing of Live Bacterial Therapeutics Ola Tuveesson Head of Process Development and Support, Cobra Biologics
THREE WORLD VIEWS	Solution provider presentation: Francois Bidet, Vice-President of Business Development, CSP Technologie
	Brain and behavioural changes in mice colonized with human ADHD gut microbiota Sarita Dam, Researcher/PhD Student, Radboud University Medical Centre Nijmegen
	Panel Discussion: Standardisation Panel Chair: Colette Shortt, Director Global Regulatory Affairs, J&J Consumer
tbc	Evening activities

Day 3 Includes

Early Life and the Infant Microbiome

- The early life microbiome
- Breastfeeding and the microbiome (HMOs)
- Maternal-offspring exchanges
- Early-life microbiome and the prevention/treatment of allergic diseases
- Antibiotics and the use of probiotics in early childhood

Tools and Technologies for Microbiome Discovery

- High-throughput culturing and other culturing methodologies
- Advances in sequencing method development
- Multi-omics approaches; genomics, metagenomics, metabolomics
- Bioinformatic tools; data analysis and integration
- Systems biology and modelling microbial communities

Business Practices

- Investment & funding
- Collaborations between academia, SMEs and pharma
- Translational research policies
- Standardisation
- Intellectually property protection

...and much more.

To read the full agenda, go to: