

INFO SHEET:
Diagnostics and Technology

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, Women's Health, 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, here are the highlights relating to Diagnostics and Technology:

DAY ONE

8:00	Exhibition hall opens Refreshments
Session 1	Systems ecology of host-microbiome interactions <ul style="list-style-type: none">• Integrated multi-omics of microbiome samples• Different functions expressed in health compared to disease• Mechanistic understanding of causal relationships
KEYNOTES	Paul Wilmes, Associate Professor of Systems Ecology, University of Luxembourg Solution Provider presentation: Arne Materna, Vice President of Product, CosmosID
10.40	Poster Presentations Refreshments & Networking
	Ultrahigh resolution microbiomics and integrative systems biology Henrik Bjørn Nielsen, CSO, Clinical Microbiomics
13.35	Lunch
Session 3	Solution provider presentation session: Incl; Biose, LuinaBio, Life and Soft, Probiotal & Cosmosid. Next Generation Live Biotherapeutics Edward Green, Chief Executive, CHAIN Biotechnology Ltd.
16.10	Poster Presentations Refreshments & Networking
Roundtables	Roundtables are informal, small-group interactive discussions on key topics in the field. Discussion leaders will introduce sub-topics/questions for discussion and roundtable attendees are encouraged to participate actively in the session # 2 - Clinical trials addressing the possible efficacy of probiotics in IBD # 4 - Screening, selection and development of ingredients and formulation for their impact on skin microbiota # 5 - How to overcome the limiting steps of the Biotech industry?
18.00	Drinks Reception

DAY TWO

8.20	Refreshments
Session 1	DayTwo's technology, the company and activities in the microbiome space Aaron Del Duca, Head, Microbiome Platform, DayTwo
	Morten L. Isaksen, Founder and CEO, Bio-Me PMP™ - A targeted approach to microbiome profiling
10.40	Poster Presentations Refreshments & Networking
Session 2	Transition of microbiota analysis from research tool to clinical utility Finn Terje Hegge, CTO and Head of Operations, Genetic Analysis AS
	Multi-sample, longitudinal gut health testing and the generation of functional gut microbiome data" Kristofer Cook, CEO, Carbiotix
	The practice and promise of universal stool banks Scott Olesen, Scientific Director, OpenBiome
	Solution Provider Presentation: Standardizing Microbiomics – Removing Bias in Collection, Purification and Analyses Julia Kappel, Customer Success Associate, Zymo Biomics
13.20	Lunch
Session 3	Could microbiome analyses and microbial-based prevention and therapy be part of the personalized medicine in the future? Eveliina Munukka, Research Director, Turko Microbiome Biobank, University of Turku, Finland
	Roundtables # 1 - Live bacteria in the consumer skincare market Geoff Briggs, Technology Scout (Devices & Diagnostics), Walgreen Boots Alliance
	Systems biology approach towards nutritional and LBP therapies for chronic diseases Momo Vuysich, CSO, Viome, USA
tba	Evening activities

DAY THREE

8.20	Refreshments
Session 1	Targeted reverse genomics for isolating and cultivating the human microbial "dark matter" Mircea Podar, Distinguished Scientist and Group Leader, Systems Genetics, Oak Ridge National Laboratory
	Rationale design of improved probiotics and microbiome therapeutics Mark Webber, Group Leader, Quadram Institute
	The blood microbiome: new source of biomarkers for infectious and cardiometabolic diseases Benjamin Lelouvier, CSO, Vaiomer
10.30	Poster Presentations Refreshments & Networking
Session 2	Microbiome derived Therapeutics a new class of drugs Matthew Gerding, Investigator II, Novartis Institute for BioMedical Research (NIBR)
	High-throughput screening for beneficial synthetic microbial communities Jonathan Friedman, Senior Lecturer, Department of Plant Pathology and Microbiology, Hebrew University, Israel
	Small Molecule Mining of the Aquatic Microbiome for Therapeutics & Agriculture Leo Melchers, Melchers Management and Biotech Consulting)
13.20	Lunch
Session 3	Deciphering the genetic mechanisms behind microbial interactions in the microbiome Johan Bengtsson Palme, Postdoctoral Researcher, University of Gothenburg
	Unknown tools to increase profits overnight Ihab Boulas, Consultant & former CEO, Unibiome
	Tools and Technologies for successful Microbiome research Sanjay Vashee, Associate Professor, J. Craig Venter Institute (Reserved)
	Conference close