

# Functional and Clinical Relevance of Microbiome Signatures

**CRC 1371**  
MICROBIOME SIGNATURES

July 06 – July 08, 2022, CEST - Virtual Symposium

Free registration:



7/6	Infection (Chair: Lindsay Hall, Barbara Stecher)	7/7	Inflammation (Chair: Tom Clavel, Klaus Janssen)	7/8	Cancer (Chair: M. Tschurtschenthaler, Georg Zeller)
3:00 p.m.	Welcome and Introduction (Dirk Haller)	3:00 p.m.	Introduction	3:00 p.m.	Introduction
3:15	<b>Yael Litvak</b> (Hebrew University) <i>Shiga toxin-mediated pathogen expansion in the gut</i>	3:05	<b>Eric Alm</b> (MIT) <i>How to build a microbiome therapeutic?</i>	3:05	<b>Sean Colgan</b> (University of Colorado) <i>Microbiota-dependent control of mucosal barrier and wound healing</i>
3:55 CRC 1371	<b>Anna Weiß</b> (P08) <i>Nutritional environment influences species interactions and community assembly in a synthetic gut bacterial community</i>	3:45 CRC 1371	<b>Deborah Häcker</b> (P01) <i>Exclusive enteral nutrition drives protective microbiome modulation in pediatric Crohn's disease</i>	3:45 CRC 1371	<b>Johannes Plagge</b> (P13) <i>The gut microbiota inhibits intestinal lipid absorption</i>
4:15	<b>Debby Bogaert</b> (University of Edinburgh) <i>The early life microbiome; key to infection and protection?</i>	4:05	<b>Rinse Weersma</b> (Groningen University) <i>Gut microbial signatures in health and disease and the influence of intrinsic and extrinsic factors</i>	4:05	<b>Ghaith Bakdash</b> (Microbiota Inc.) <i>MB097: A clinically defined therapeutic consortium of bacteria with potent anti-tumor efficacy</i>
4:55 CRC 1371	<b>Anna Ralser</b> (P09) <i>Helicobacter pylori infection and microbiota dependent colonic pathologies</i>	4:45 CRC 1371	<b>Sebastian Jarosch</b> (P04) <i>GvHD severity is linked to clonal expansion of CD8 T cells and microbiota dependent immune regulation</i>	Session Break	
5:15	<b>John Penders</b> (Maastricht University) <i>The travelers' microbiome and its role in colonization resistance and post-infectious IBS</i>	5:05	<b>Malte Rühlemann</b> (IKMB Kiel) <i>Genetics and evolution as factors shaping the human microbiota and their link to chronic inflammation</i>	5:00	Cancer II (Chair: Lindsay Hall, Barbara Stecher)
Session Break				5:05 CRC 1371	<b>Esther Wortmann</b> (P14) <i>Causal role of secondary bile acid-producing bacteria in colorectal cancer</i>
6:10	<b>Infection II</b> (Chair: Li Deng, Markus Gerhard)	6:00	<b>Inflammation II</b> (Chair: Tilo Biedermann, Dirk Haller)	5:25	<b>Cynthia Sears</b> (Johns Hopkins University) <i>Building the evidence for the microbiome's contribution to colon cancer</i>
6:15	<b>Andreas Peschel</b> (Universität Tübingen) <i>Bacterial competition in the nasal microbiome</i>	6:05	<b>Martin Kriegel</b> (Yale University) <i>Host-microbiota interactions in non-gut autoimmunity</i>	6:05 CRC 1371	<b>Max Hohmann</b> (P16) <i>Discovery and functional analysis of cytotoxic small molecules from the gut microbiota by direct pathway cloning</i>
6:55 CRC 1371	<b>Adam Wahida</b> (P02) <i>Loss of XIAP is a gut punch – What can we learn about aberrant host-microbiota interactions in a model of TNF driven intestinal inflammation?</i>	6:45 CRC 1371	<b>Nils Hoffard</b> (P06) <i>Bacteria mediated immunomodulation of food allergy</i>	6:25	<b>Wendy Garret</b> (Harvard University) <i>SAAREndipity and the gut microbiota in kidney disease and colon cancer</i>
7:15	<b>Manuela Raffatelli</b> (UC San Diego) <i>New insights on mucosal immunity during homeostasis and infection</i>	7:05	<b>Aiden Haghikia</b> (Uniklinikum Magdeburg) <i>Role of diet and gut on neurodegeneration</i>	7:15 CRC 1371	Podcast Recording
Login code will be sent before the symposium upon registration					