




Programme Wednesday 27th June

Registration: 08.00 - 17:30

Wednesday 27th June (Day 2 Morning)		
TIME	SPEAKER	CHAIR
08:30	Keynote Speaker: Rob Knight (University of California San Diego) <i>The Future of Microbiome Research</i>	Liping Zhao (Shanghai Jiao Tong University)
Plenary Session V: Microbiome and Cancer. (Sponsored by Seres Therapeutics)		
09:30	Christian Jobin (University of Florida) <i>Microbiota and Pancreatic Cancer. Development of a new paradigm?</i>	Liping Zhao (Shanghai Jiao Tong University)
09:50	Jun Yu (Chinese University of Hong Kong) <i>Gut microbial dysbiosis and colon carcinogenesis: basic and translational</i>	
10:10	Eric Pamer (Sloan Kettering) <i>Remediation of microbiota damage following cancer treatment</i>	
<p>We are delighted to launch the first World Microbiome Day at IHMC 2018, which we hope you will support to become an annual event to celebrate microbiomes everywhere and their importance to global health.</p>		
10:30	 Launch of World Microbiome Day followed by coffee break	
Plenary Session VI: Microbiome and intestinal diseases. (Sponsored by Ferring Pharmaceuticals)		
TIME	SPEAKER	CHAIR
11:00	Chaysavanh Manichanh (Vall d'Hebron Research Institute) <i>Microbiome and Inflammatory Bowel Disease</i>	Paul Ross (APC Microbiome Ireland)
11:30	Joel Dore (INRA) <i>Dysbiosis as altered host-microbes symbiosis</i>	
11:50	Susan V Lynch (University of California San Francisco) <i>Canary in the Coalmine: Early-life Gut Microbiome as a Determinant of Childhood Allergic Asthma</i>	
12:10	Janet Jansson (Pacific Northwest National Laboratory) <i>Multi-omics of the Gut Microbiome</i>	
12:30 - 14:00	LUNCH/EXHIBITS/POSTERS	



Translating Microbiome Biology
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Wednesday 27th June (Day 2 Afternoon)



Plenary Session VII: Microbiome and extra intestinal conditions (Sponsored by APC)



TIME	SPEAKER	CHAIR	
14:00	Julie Segre (NIH Bethesda) <i>Human Skin Microbiome: Trans-kingdom, host-immune interactions</i>	Lita Proctor (NIH/IHMC)	
14:30	Rochellys Diaz Heitz (Karolinska Institutet) <i>Microbiota and neurodevelopment- moving towards mechanisms</i>		
14:50	John Cryan (APC Microbiome Ireland) <i>Stress and the Microbiota-Gut-Brain Axis: Towards Psychobiotics</i>		
15:10	Bill Mohn (University of British Columbia) <i>Mechanisms by which the early life gut microbiome modulates atopy and asthma</i>		
15:30	COFFEE BREAK/EXHIBITS/POSTERS		
	Parallel Session A: The non-bacterial microbiome (Sponsored by APC)	Parallel Session B: Emerging/new research areas (Sponsored by Cremo)	
16:00	Colin Hill (APC Microbiome Ireland) <i>Introducing crAssphage – the most abundant member of the microbiome</i>	Laurie Comstock (Harvard) <i>Antagonism among the gut Bacteroidales: fitness from fighting</i>	Chair A: Jim Versalovic (Baylor College of Medicine)
16:30	Emily Vogtmann (National Cancer Institute, NIH) <i>Application of fungal sequencing in population studies of cancer</i>	Martin Antonio (MRC Unit The Gambia) <i>Vaccination and Paediatric Microbiome in Gambian Villagers</i>	
16:50	Frederic Bushman (University of Pennsylvania) <i>Origin of the human gut virome in early life</i>	Gregory Buck (Virginia Commonwealth University) <i>The Vaginal Microbiome in Health, Disease and Pregnancy</i>	Chair B: Andrew Jermy (Nature)
Next Generation Scientist Symposium: Microbiota, Diet & Human Health (Sponsored by Danone)			
17:15	Daphna Rothschild (Weizmann Institute of Science) <i>Environment dominates over host genetics in shaping human gut microbiota</i>	Chair: Paul Cotter (APC Microbiome Ireland/Teagasc)	
17:30	Fredrik Boulund (Karolinska Institutet) <i>Longitudinal gut microbiome variability during 1 year in the Swedish SCAPIS SciLifeLab (S3) Wellness Profiling program</i>		
17:45	Alison Luk (University of Sydney) <i>The carbohydrate dimension of nutrition in gut microbiome modulation</i>		
18:00	Huiying Wang (University of Tübingen) <i>The Bifidobacterium longum 1714™ strain modulates brain activity during social stress in healthy volunteers</i>		
19:00 -22:00	CONFERENCE DINNER		

Programme Thursday 28th June

Registration: 08.00 - 17:30

Thursday 28th June (Day 3 Morning)			
TIME	SPEAKER	CHAIR	
08:30	Keynote Speaker: Jennifer Wargo (MD Anderson) <i>The role of microbiota in response and toxicity to cancer therapy</i>	Owen White (University of Maryland)	
Plenary Session VIII: Smarter ways for analyzing microbiome and host data I. (Sponsored by Abbvie)			
09:30	Peer Bork (EMBL Heidelberg) <i>Drug-bug interactions in the human gut</i>	Owen White (University of Maryland)	
09:50	Ines Thiele (University of Luxembourg) <i>Exploring host-microbiome co-metabolism through computational modeling</i>		
10:10	Eran Segal (Weizmann Institute) <i>Sub-genomic variation in the gut microbiome associates with host metabolic health</i>		
10:30	COFFEE BREAK/EXHIBITS/POSTERS		
	Parallel Session C: Smarter ways for analyzing microbiome and host data II (Sponsored by APC)	Parallel Session D: Accepted oral presentations from poster abstracts (Sponsored by APC)	
11:00	Paul Wilmes (University of Luxembourg) <i>Systems ecology reveals key functions underpinning host-microbiome interactions in health and disease</i>	11:00 Henrik Munch Roager (University of Copenhagen) <i>Gluten-poor dieting changes the intestinal microbiome, urine metabolome and host physiology in healthy adults: a randomised cross-over trial</i> 11:12 Nicholas Cha (Mayo Clinic) <i>Diligent mismatch repair in colorectal cancer associated with distinct microbial community and metabolic profile</i>	Chair C: Ian Jeffery (APC Microbiome Ireland)
11:30	Curtis Huttenhower (Harvard) Multi-omics for microbiome population studies	11:24 Shirin Moossavi (University of Manitoba) <i>Broad-spectrum Microbiota and the Risk of Childhood Asthma: A Prospective Birth Cohort Study</i> 11:36 Chenhao Li (Genome Institute of Singapore) <i>System Biology Modeling with Compositional Microbiome Data Reveals Personalized Gut Microbial Dynamics and Keystone Species</i>	
11:50	Catherine Lozupone (University of Colorado) <i>Integration of microbiome and metabolome/immunome data</i>	11:48 Melinda Engvik (Baylor College of Medicine) <i>Fusobacterium nucleatum interacts with Clostridium difficile in human intestinal mucus biofilms</i> 12:00 James Noble (Columbia University) <i>Cross-sectional associations between human oral microbiome next generation sequencing and cognitive impairment in a multi-ethnic elderly population</i>	Chair D: Sally Cudmore (APC Microbiome Ireland)
12:10	Marcus Claesson (APC Microbiome Ireland)	12:12 Amine Ghzalane (Institut Pasteur) <i>Prediction of the intestinal resistome by a novel 3D-based method</i> 12:24 Ana Hickey (APC Microbiome Ireland) <i>The Role of Exopolysaccharide in Modulating Host Responses towards Bifidobacteria breve</i>	
12:30 - 14:00	LUNCH/EXHIBITS/POSTERS		



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Thursday 28th June (Day 3 Afternoon)

Plenary Session IX: Diet-Microbiome Interactions
(Sponsored by Nestlé)



Research

TIME	SPEAKER	CHAIR
14:00	Liping Zhao (Shanghai Jiao Tong University) <i>Ecological understanding of the causative role of gut microbiota in human metabolic diseases</i>	Paul Wilmes (University of Luxembourg)
14:30	Mark Morrison (University of Queensland) <i>Not all methane is created equally: consequences for an inflammatory microbiota</i>	
14:50	Yolanda Sanz (University of Valencia) <i>Exploring Diet-Microbiome Interactions to Predict and Prevent Obesity</i>	
15:10	Tine Rask Licht (Danish Technical University) <i>Impact of diet on gut microbes in children and adults</i>	
15:30	COFFEE BREAK/EXHIBITS/POSTERS	
Plenary Session X: Cohort studies – recent insights (Sponsored by APC)		
16:00	Carina Pereira (EU Commission) <i>Microbiome R&I to future-proof our food systems</i>	Paul O'Toole (APC Microbiome Ireland)
16:30	GwangPyo Ko (Seoul National University) <i>Microbiome, Host Genetics, and Metabolic Diseases</i>	
16:50	Owen White (Uni Maryland) <i>Management and Integration of the iHMP Data</i>	
17:10	Lanjuan Li (Zhejiang University) <i>Gut microbiota in human infectious diseases and Chinese human Microecology projects</i>	
17:30	Jim Versalovic & Lita Proctor (IHMC) <i>Perspectives on Human Microbiome Research and Global Collaboration</i>	
18:00	CONFERENCE CLOSE	