

THE BARCELONA DEBATES ON THE HUMAN MICROBIOME »» 2023

Thursday 8th & Friday 9th June 2023

CosmoCaixa, Barcelona

More info and registrations: www.bcnmicrobiome.com

Organized by:



Technical Secretary:



Thanks to the support of:



DAY 1 Thursday 8th of June

11.10 – 11.20h	Registration	Front Desk
11.20 – 11.30h	Welcome	Francisco Guarner , Vall d'Hebron Research Institute, Spain Roger Paredes , IrsiCaixa AIDS Research Institute. Hospital Universitari Germans Trias i Pujol. Fight Infections Foundation, Spain

Session 1 Microbiome and Metabolome		Chairs: M. Luz Calle, Universitat de Vic, Spain & Ricard Guerrero, Universitat Autònoma de Barcelona, Spain
11.30 - 12.30h	An online atlas of human plasma metabolite signatures of gut microbiome composition	Tove Fall , Uppsala University, Sweden
	Dietary macronutrients, the gut microbiome and precision nutrition	Ellen Black , Maastricht University, School for Nutrition and Translational Research in Metabolism (NUTRIM), The Netherlands
12.30 – 13.00h	Overall discussion	
13.00 – 14.00h	Lunch Break	

Session 2 Microbiome-Brain interactions		Chairs: Amanda Rodriguez-Urrutia, Vall d'Hebron Research Institute, Spain & Marc Noguera, IrsiCaixa AIDS Research Institute, Spain
14.00 – 15.00h	Microbiota alterations in proline metabolism impact depression	José Manuel Fernández-Real , Institut d'Investigació Biomèdica de Girona (IDIBGI), Spain
	Exploring the relationship between gut microbiome and mental health	Mireia Valles-Colomer , University of Trento, Italy
15.00 – 15.30h	Overall discussion	
15.30 – 16.00h	Coffee break	



Session 3 Non-bacterial communities		Chairs: Carmen Collado, Instituto de Agroquímica y Tecnología de Alimentos (IATA), Spain & Nicola Segata, Computational Metagenomics, Department CIBIO, Italy
16.00 - 17.00h	Host-mycobiome interactions in health and disease	Saeed Shoaie , King's College London, United Kingdom
	Extensive gut virome variation and its associations with host and environmental factors in a population-level cohort	Masahira Hattori , Waseda University. RIKEN. University of Tokyo, Japan
17.00 - 17.30h	Overall discussion	

DAY 2 Friday 9th of June


Session 4 Microbiome in organ transplantation		Chairs: Claudia Arajol, Hospital de Bellvitge, Spain & Roger Paredes, IrsiCaixa AIDS Research Institute. Hospital Universitari Germans Trias i Pujol. Fight Infections Foundation, Spain
9.00 - 10.00h	Gut microbiome dysbiosis is associated with increased mortality after solid organ transplantation	Johannes Björk , University Medical Centre Groningen, The Netherlands
	Pre-transplant prediction of acute graft-versus-host disease using the gut microbiome	Ramtin Z Marandi , University of Copenhagen, Denmark
10.00 - 10.30h	Overall discussion	
10.30 - 11.00h	Coffee Break	



Session 5 Microbiota markers for clinics		Chairs: Ellen Black, Maastricht University, NUTRIM, The Netherlands & Stanislav Dusko Ehrlich, Institut National de la Recherche Agronomique (INRAE), France
11.00 - 12.00h	Potential markers of microbiome analysis in the clinical setting	Mathieu Almeida , Institut National de la Recherche Agronomique (INRAE), France
	Microbiome based stratification in HIV vaccine efficacy and chronic disease	Roger Paredes , IrsiCaixa AIDS Research Institute. Hospital Universitari Germans Trias I Pujol. Fight Infections Foundation, Spain
12.00 – 12.30h	Overall discussion	

Session 6 Inflammation mechanisms		Chairs: Chaysavanh Manichanh, Vall d'Hebron Research Institute, Spain & Adam Burgener, Case Western Reserve University, United States
12.30 – 13.30h	Neural inflammation and the microbiome	Aaron Burberry , Case Western Reserve University, United States
	Crohn's disease, inflammation and <i>Escherichia coli</i>	Margarita Martínez , Universitat de Girona, Spain
13.30 – 14.00h	Overall discussion	

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