

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:

IrsiCaixa
Institut de Recerca de la Sida

Technical Secretary:



Thanks to the support of:



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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 Blaak, Maastricht University, School for Nutrition and Translational Research in Metabolism (NUTRIM), The Netherlands
12.30 – 13.00h	Overall discussion	
13.00 – 14.30h	Lunch and Poster viewing – Poster Group A (round and discussion) chaired by M. Luz Calle & Tove Fall	

Session 2 Microbiome-Brain interactions		Chairs: Amanda Rodriguez-Urrutia, Vall d'Hebron Research Institute, Spain & José Manuel Fernández-Real, Institut d'Investigació Biomèdica de Girona (IDIBGI), Spain
14.30 – 15.30h	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
15.30 – 16.00h	Overall discussion	
16.00 – 16.30h	Coffee and Poster viewing – Poster Group B (round and discussion) chaired by Margarita Martínez & Adam Burgener	



Session 3 Non-bacterial communities		Chairs: Mireia Valles-Colomer, University of Trento, Italy & Francisco Guarner, Vall d'Hebron Research Institute, Spain
16.30 - 17.30h	Host-mycobiome interactions in health and disease	Saeed Shoaei, King's College London, United Kingdom
	Deciphering the human gut phagenome and plasmidome by long-read metagenomics	Masahira Hattori, Waseda University. RIKEN. University of Tokyo, Japan
17.30 - 18.00h	Overall discussion	

DAY 2 Friday 9th of June

Session 4 Microbiome in organ transplantation		Chairs: Claudia Arajol, Hospital Universitari 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 and Poster viewing – Poster Group C (round and discussion) chaired by Aaron Burberry and Chaysavanah Manichanh	



Session 5 Microbiota markers for clinics		Chairs: Ellen Blaak, 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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