



THE BARCELONA DEBATES ON THE HUMAN MICROBIOME »» 2025

26th & 27th of June
CosmoCaixa, Barcelona

Registration



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Scientific Committee

Clàudia Arajol, Hospital Universitari de Bellvitge, Spain.

Adam Burgener, Center for Global Health and Diseases at Case Western Reserve University, United States.

Malu Calle, Universitat de Vic, Spain.

Bonaventura Clotet, IrsiCaixa, Hospital Universitari Germans Trias i Pujol (HUGTiP), Spain.

Carmen Collado, Institut d'Agroquímica i Tecnologia d'Aliments (IATA) - Consell Superior d'Investigacions Científiques (CSIC), Spain.

Stanislav Dusko Ehrlich, Institut National de la Recherche Agronomique (INRAE), France.

José Manuel Fernández-Real, Institut d'Investigació Biomèdica de Girona (IdIBGi) – Hospital Universitari de Girona Dr. Josep Trueta, Spain

Francisco Guarner, Teknon Medical Centre, Spain.

Chaysavanh Manichanh, Vall d'Hebron Research Institute (VHIR), Spain.

Margarita Martínez-Medina, Universitat de Girona, Spain.

Roger Paredes, IrsiCaixa, HUGTiP, Spain.

Mireia Vallès-Colomer, Universitat Pompeu Fabra, Spain.





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Program

DAY 1 Thursday 26th of June

Welcome

08:50 h

Bonaventura Clotet, IrsiCaixa. HUGTiP, Spain

Francisco Guarner, Teknon Medical Centre, Spain

Ignasi López, Director, Department of Science “la Caixa” Foundation, Spain

SESSION 1: GUT BRAIN AXIS

Chairs: **Mireia Vallès-Colomer**, Universitat Pompeu Fabra, Spain, and **Amanda Rodríguez-Urrutia**, Hospital Universitari Vall d'Hebron, Spain

09:00 h

Microbiome & Depression

Jane Foster, UT Southwestern Medical Center, USA

09:30 h

Communication Across the Microbiota Brain Axis

Maria R. Aburto, University College Cork, Ireland

10:00 h

Discussion

10:30 h

Coffee Break

SESSION 2: DIET & MICROBIOME

Chairs: **Carmen Collado**, IATA-CSIC, Spain, and **José Manuel Fernández-Real**, IdIBGi-Hospital Universitari de Girona Dr. Josep Trueta, Spain

11:00 h

Microbiome-Diet and Cardiometabolic Health

Francesco Asnicar, University of Trento, Italy

11:30 h

Diet in Immunotherapy Response in Advanced Melanoma

Johannes Björk, University Medical Centre Groningen, The Netherlands

12:00 h

Discussion

12:30 h

Guided Poster Tour – Posters by Topic:
Clinical Associations

14:00 h

Lunch Break & Networking



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SESSION 3: MUCOSAL INFLAMMATION & CHRONIC DISEASE

Chairs: **Margarita Martínez**, Universitat de Girona, Spain and **Roger Paredes**, IrsiCaixa, HUGTiP, Spain

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|---------|--|
| 15:00 h | Emulsifier and Chronic Disease
Benoit Chassaing , Institut Pasteur, France |
| 15:30 h | Microbial and Immune Signatures in HIV Vaccine Responses
Alessandra Borgognone , IrsiCaixa, Spain |
| 16:00 h | Discussion |
| 16:30 h | Poster Viewing, Networking & Coffee (Authors available at their posters) |
| 17:30 h | Adjourn |

DAY 2 Thursday 27th of June

SESSION 4: ORAL ABSTRACTS PRESENTATION

Chairs: **Chaysavanah Manichanh**, VHIR, Spain and **Alessandra Borgognone**, IrsiCaixa, Spain

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| 08:00 h | Selected Abstracts – Oral Presentation |
| 09:00 h | Discussion: Panel with Abstracts Presenters |
| 09:30 h | Guided Poster Tour & Refreshments – Posters by Topic:
<i>Diagnostics · Emerging Areas · Methods · Microbiome Ecology · Therapeutics</i> |



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SESSION 5: MICROBIOME AT POPULATION LEVEL

Chairs: **Carmen Collado**, IATA, Spain, and **Stanislav Dusko Ehrlich**, INRAE, France

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| 11:00 h | Highlights of the Dutch Microbiome Project
Sasha Zhernakova , U. Groningen, The Netherlands |
| 11:30 h | Epidemiology of the Microbiome
Mireia Vallès-Colomer , Universitat Pompeu Fabra, Spain |
| 12:00 h | Discussion |
| 12:30 h | Brunch & Networking |

SESSION 6: RECENT ADVANCES

Chairs: **Francisco Guarner**, Teknon Medical Centre, Spain, and **Clàudia Arajol**, Hospital Universitari de Bellvitge, Spain

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| 13:30 h | Development of potential first-in-class Live Biotherapeutic Products for gastrointestinal diseases
Bernat Ollé , Vedanta Biosciences, Inc., USA |
| 14:00 h | Gut Microbiome Signatures of Neurodegenerative Disease in Disease-Free Individuals
Stanislav Dusko Ehrlich , INRAE, France |
| 14:30 h | Discussion |
| 15:00 h | CLOSURE & BEST ABSTRACT AWARD ANNOUNCEMENT
Francisco Guarner , Teknon Medical Centre, Spain |



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Thanks to the support of



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