



# The Barcelona Debates on the **Human Microbiome**

**June 25-26, 2026**  
CosmoCaixa, Barcelona

[More Information & Registration](#) 



ORGANIZED BY

**IrsiCaixa**

TECHNICAL SECRETARIAT

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## Coordinators

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

**Francisco Guarner**, Teknon Medical Centre, Spain.

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**Roger Paredes**, IrsiCaixa, HUGTiP, Spain.

**Mireia Vallès-Colomer**, Universitat Pompeu Fabra, Spain.



## DAY 1

Thursday, June 25

08:50 h **Welcome**  
**Bonaventura Clotet**, IrsiCaixa. HUGTiP, Spain  
**Francisco Guarner**, Teknon Medical Centre, Spain

### SESSION 1: MICROBIOME AND HOST GENETICS

09:00 h **Cross-species genetics reveals host glycosyltransferases as key regulators of gut microbes**  
**Amelie Baud**, Centre for Genomic Regulation (CRG), Spain

09:30 h **Fungal Cross-Reactivity Shapes Pathogenic CD4<sup>+</sup> T Cell Responses in IBD**  
**Petra Bacher**, Kiel University, Germany

10:00 h *Discussion*

10:30 h Coffee Break & Poster Viewing

11:00 h Poster Flash Communications

### SESSION 2: MICROBIOME & IMMUNITY

11:30 h **Human regulatory T-cells and the gut microbiome**  
**Guillaume Sarrabayrouse**, Université Paris Cité, France

12:00 h **Microbial Metabolites and Immunity - From Human to Organoids**  
**Liza Konnikova**, Yale University, USA

12:30 h *Discussion*

13:00 h Lunch Break & Poster Viewing

### SESSION 3: MICROBIOME & WOMEN'S HEALTH

14:00 h **Mapping the Vaginal Microbiome, Culturome and Metabolome**  
**Sarah Lebeer**, University of Antwerp, Belgium

14:30 h **Translating the vaginal microbiome into novel live biotherapeutic products**  
**Jacques Ravel**, University of Maryland School of Medicine, USA

15:00 h *Discussion*

15:30 h Poster Flash Communications

16:30 h Adjourn



**DAY 2**  
Friday, June 26

**SESSION 4: DIETARY MODULATION OF THE MICROBIOME**

08:30 h **Interplay between diet and gut microbiome**  
Tim D. Spector, King's College of London, UK

09:00 h **Long term dietary patterns and gut microbiome composition**  
Arnau Vich i Vila, VIB-KU Leuven, Belgium

09:30 h *Discussion*

10:00 h Coffee Break & Poster Viewing

**SESSION 5: ORAL ABSTRACTS PRESENTATION**

10:30 h **Oral Presentations from Selected Abstracts**

11:30 h *Discussion: Panel with Abstracts Presenters*

12:00 h Brunch & Poster Viewing

**SESSION 6: DECODING THE LANGUAGE OF THE MICROBIOME**

13:00 h **Microbial resistome dynamics in early life**  
Carmen Collado, IATA, CSIC, Valencia, Spain

13:30 h **Metabolomics-Based Gut-Brain Axis Research**  
Jonathan Swann, University of Southampton, UK

14:00 h *Discussion*

**CLOSING LECTURE**

14:30 h **The Earth Microbiome Project and eDNAID**  
Rob Knight, University of California, USA

15:00 h **Closure & Best Abstract Award Announcement**

All scientific sessions, including Poster Flash Communications, will be held in the Auditorium. Posters will be exhibited in the Àgora Room during both days of the event. Coffee breaks will take place in the outdoor patio adjacent to the Àgora Room.



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