



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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THANKS TO THE SUPPORT OF

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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⁺ 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*

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 **Deciphering the Role of the Microbiome for Women's Health Through Population-Based Studies (TBC)**
- 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	Dietary Fiber Intervention Studies and the Gut Microbiome//NiMe Diet (TBC)
09:00 h	Long term dietary patterns and gut microbiome composition Arnau Vich i Vila, VIB-KU Leuven, Belgium
09:30 h	<i>Discussion</i>
10:00 h	Coffee Break & Poster Viewing

SESSION 5: ORAL ABSTRACTS PRESENTATION

10:30 h	Oral Presentations from Selected Abstracts
11:30 h	<i>Discussion: Panel with Abstracts Presenters</i>
12:00 h	Brunch & Poster Viewing

SESSION 6: DECODING THE LANGUAGE OF THE MICROBIOME

13:00 h	Microbiome-Derived Bile Acid and Autoimmunity (TBC)
13:30 h	Metabolomics-Based Gut-Brain Axis Research Jonathan Swann, University of Southampton, UK
14:00 h	<i>Discussion</i>

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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More information about this activity 