

October 8 2026

MORNING SESSION

9:15 Participants registration.

9:30 Welcome address and Introduction.

9:40 Dr. Serena Sanna IRGB - CNR
"The Women4health project"

10:15 Prof. Sofia Cosentino University of Cagliari
"MIMOSA project: the role of gut microbiome in breast cancer"

10:50 Prof. Mireia Valles-Colomer University Pompeu Fabra, Barcelona
"Strain-level metagenomics to elucidate the vertical and horizontal transmission patterns of the microbiota"

11:25 -11:45 Coffee break

11:45 Prof. Ranko Gacesa University of Groningen
"The Dutch microbiome project"

12:20 Prof. Alexandra Zhernakova University of Groningen
"Lifelines next: studying babies microbiome evolution"

13:00-14:30 Lunch

AFTERNOON PRACTICAL SESSION

14:30 Prof. Ranko Gacesa University of Groningen
Practical session on metagenomic analysis, from QC to statistical analyses. The session will consist of guided examples plus one hour time to work with real data.

16:15-16:30 Coffee break

16:30 Prof. Mireia Valles-Colomer University Pompeu Fabra, Barcelona
Demonstration of strain sharing analysis.

October 9 2026

MORNING SESSION

9:15 Welcome address.

9:20 Prof. Jingyuan Fu University of Groningen
"Computational approaches in microbiome studies"

9:55 Oral communications from participants.

10:50 Dr. Monika Petkovic Bio-Me, Microbiome Profiling
"Quantitative insights with Precision Microbiome Profiling"

11:05 Dr. Pasquale Cutolo Olink Proteomics
"Unlocking Novel Biomarkers with Olink® Technology. Protein by protein"

11:20- 11:40 Coffee break

11:40 Prof. Rinse Weersma University of Groningen
"The 1000 IBD project"

12:15 Dr. Arnau Vich Vila University of Leuven
"Integrating microbiome and metabolites to understand host-microbiome interactions"

12:50 Prof. Nicola Segata University of Trento
"Microbiome studies – from basic research to clinical applications"

13:25 Closing remarks.

13:30-15:00 Lunch

AFTERNOON PRACTICAL SESSION

15:00 Dr. Arnau Vich Vila University of Leuven
Practical session on metabolomics analyses. You will learn major steps from QC to statistical approaches and work with real data. The session will use R environment on your own computer.

Venue:
Cittadella Universitaria di Monserrato (CAGLIARI)
Building H1, room D

Participation is free

Registration required at www.irgb.cnr.it

Possibility to submit your abstract by July 24, 2026

For any questions, please write to info@women4health.it

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