

BiomeFUN 2025

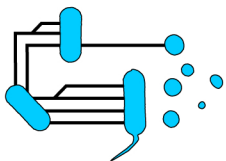
15 - 19 September 2025, Belgrade, Serbia

From Genomic Analysis to Functional Models
in Microbiomes and Synthetic Consortia

For more info visit: bgmicrobiomes.github.io

Microbial communities promise to revolutionize many fields, from biotechnology and health to agriculture. **Mathematical and computational modeling** is key to fulfill this potential. In this **hands-on workshop**, we will learn techniques to quantitatively analyze, understand and engineer microbial communities and synthetic microbial consortia.

What will you learn?



- ✓ Talks and hands-on practice with **top international researchers**
- ✓ **16S and shotgun metagenomics** analysis
- ✓ **Functional genomics**, profiling and visualization
- ✓ Basic and advanced **stoichiometric modeling** with COBRA
- ✓ Meta-genome scale **modeling of microbial communities**
- ✓ **Structure-function landscapes** modeling of microbial consortia
- ✓ Introduction to uses of **machine learning** in the field

Early Bird Registration

Regular/Professionals:	€350
Students and Early Career Scientists:	€250

Register before **30 June 2025**

Regular Registration

Regular/Professionals:	€450
Students and Early Career Scientists:	€350

From **1 July to 1 August 2025**

On-site Registration

Regular/Professionals:	€550
Students and Early Career Scientists:	€450

Grants available!

Thanks to our main sponsor FEMS, we are thrilled to offer grants covering registration fee and accommodation, aimed at participants from low and middle income countries. Please state this in your registration if you would like to apply!

Abstract submission deadline for grant applicants: May 25

Organizers

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