CENTRAL EUROPEAN FORUM FOR MICROBIOLOGY 2025

Conference Call

October 6-8, 2025, Siófok, Hungary

Agricultural and Food Microbiology

Bacteriology

Clinical and Diagnostic Microbiology

Environmental Microbiology

Immunology

Industrial Microbiology

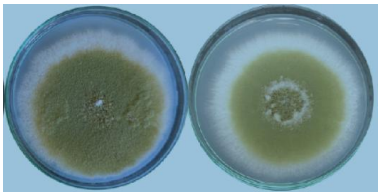
Microbial Biotechnology

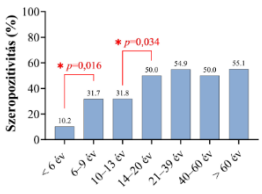
Mycology

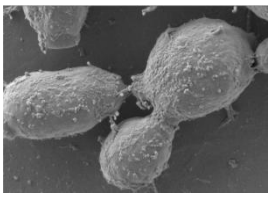
Parasitology

Plant Virology

Virology







7th Central European Forum for Microbiology

hosted by the

Hungarian Society for Microbiology

Organized by

the
Hungarian Society for Microbiology,
the
Croatian Microbiological Society,
the
Slovenian Microbiological Society
and the
Foundation of the Hungarian Society for Microbiology

Register at https://devevent.wecocongress.hu/mmt2025/hu/

Venue

Hotel Panoráma Siófok 8600 Siófok, Beszédes J. sétány 80.
GPS: N 46.916635, E 18.068987

Early bird registration until July 15th, 2025. Deadline for abstract submission August 15th, 2025 . The data of scientific presentation can be modified until August 15th even after the registration has been finalized at the early bird period. To do so, please send the modified version to both mmt@wecotravel.hu and elnok@mmt.org.hu mail addresses.

Organizing & Scientific Committee

President of the Conference
József Kónya

Secretary of the Conference
Andrea Borsodi

Organizing Committee

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Eszter Csoma	
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Kálmán Váczy	
Balázs Vajna-Ferenczy	
Éva Várallyay	
Ana Vučurović	Slovenia

Language & Presentation Guidelines

The official language of the Conference is English. The programme will cover all major branches of microbiology and will include invited lectures (duration based on mutual agreement but not longer than 30 min), lectures (10 + 5 min), and conventional, printed poster presentations. Maximal size of the posters is 140 cm height and 90 cm width.
Based on past experience, the participants can take the benefit to present in the preferred presentation format, the organisers however reserve the right to approve oral presentations.

Scientific Scope

Plenary topic

Current trends in Environmental Microbiology - Biogeochemical cycles and the Anthropocene

Agricultural and Food Microbiology

Omics of soil – plant – animal – microbe interactions in crop production; Omic approaches in soil fertility investigations; Biotization, rhizosphere and phyllosphere technology; Forest microbiome; Bio-indication and bio-sensorics; Improvement of microbiological safety of foods; Food safety and agricultural raw materials, microbiological risk assessment; Wine and vineyard microbiome; Pro- and prebiotics, biopreservation; Microbial interactomics; Adaptomics in the food chain

Bacteriology

Molecular biology, physiology and evolution of bacteria; Application of "omics" in bacterial research, diagnosis, preventive efforts and epidemiology; The role of bacterial microbiome in homeostasis and disease; Human and veterinary bacterial pathogens and pathogenesis; Genetic background and mechanisms of antimicrobial resistance; Bacteriophages

Clinical and Diagnostic Microbiology

Case reports; Possibilities and restrictions in gene therapy; Diagnostic methods; STD-STI (syphilis, HIV/AIDS, genital herpes, HPV, Chlamydia infections); Microbial interactions; Resistomics and treatment options

Environmental Microbiology and Biotechnology

Novel culture techniques to reveal the hidden diversity; Microbial taxonomy in the omics era; Functionomics of microbial communities; Biodiversity and adaptation of extremophiles, paleomicrobiology; Metagenomics in the environmental microbiology; Biogeochemical cycles and climate change; Microbial ecology of artificial and polluted environments; Single-cell based omic techniques; Microbiome of classical and novel environmental biotechnologies

Immunology and Parasitology

Infection and immunity; Immunogenetics, immunodiagnostics; Control of infectious diseases: vaccination; Application of lipidomics approaches in understanding chronic microbial infections; Proteomic approaches in understanding the function of microbiome; Host-parasite interactions, new and emerging parasitic diseases; Protozoa in the human microbiome; Helminthology, and protozoal diseases, taxonomic questions of parasites

Industrial Microbiology – Fungal Industrial Biotechnology

Microbial and non-microbial fermentations and bioconversions; Fungal (Ascomycota, Basidiomycota) platforms in industrial biotechnology; Applied fungal genomics; Molecular physiology of enzyme and metabolite overflow; Biochemical engineering, bioreactor design, modelling; Fermentation analytics and control

Mycology

Evolution and phylogenetics of fungi; Fungal cell biology and physiology; Genetics, genomics, proteomics and metabolomics of fungi; New tools for fungal genome engineering; Fungi as pathogens, host-fungal interactions, epidemiology; Diagnostic methods and platforms in mycology; Applied mycology

Plant Virology

All aspects of plant virology; Molecular mechanisms of plant-virus interactions; Consequences of plant virus infection; Pathogenesis of viral diseases, Viral genomics; Viral metagenomics; Evolutionary and ecological aspects of plant viruses and possible use of plant viruses in biotechnology

Virology

All aspects of human and animal viruses; Evolution of viruses, molecular virology, tumour inducing viruses; Pathogenesis of virus diseases, virushost interaction; Diagnostics of viral diseases; Novel endogenic and exogenic retroviruses in the pathogenesis of human diseases, aging and viruses; Vaccination and therapy, bioterrorism; Viral genomics, metagenomics, epigenomics, transciptomics, proteomics; Human virome