

# International Union of Microbiological Societies Congresses



16th International Congress of Bacteriology & Applied Microbiology | 16th International Congress of Mycology & Eukaryotic Microbiology | 18th International Congress of Virology |

IUMS 2020 DAEJEON, KOREA

## **IUMS 2020 for Harmonious Diversity!**









### I Important Dates

- ▶ Online Registration & Call for Abstracts | Open 11 (Mon) November 2019
- ▶ Online Accommodation & Tour Booking | Open 02 (Mon) December 2019
- ► Abstracts Submission Deadline I 30 (Thu) April 2020

#### I Call for Abstracts

The Scientific Committee of International Union of Microbiological Societies (IUMS) 2020 Daejeon, Korea is pleased to invite authors to submit abstracts for oral and poster presentations, to be delivered under the theme 'IUMS 2020 for Harmonious Diversity'. The abstracts under the following topics are welcome.

#### Session Topics

#### Bacteriology and Applied Microbiology (BAM)

- Gene Expression and Regulation
- Bacterial Metabolism
- Gene Regulation and RNA Biology
- Microbial Interactions within Diverse Populations
- Human Microbiome and Health
- Non-Human Microbiomes
- Bacterial Evolution and Gene Transfer
- Going Viral: Hidden Modulators of Biodiversity
- Food Bacteriology and Lactic Acid Bacteria
- Biodegradation and Bioremediation

- Domestication of the 'As-Yet-Uncultured'
- Secondary Metabolism
- Metabolic Engineering and Synthetic Biology
- Molecular Basis for Bacterial Pathogenesis
- Translational Microbiome Research
- Antimicrobial Resistance
- Phylogenomics of Prokaryotic Diversity
- Extremophiles and Archaea
- Biocatalysts and Protein Engineering
- New Insights into Phage-Bacteria Interactions

#### Mycology and Eukaryotic Microbiology (MEM)

- Fungal Genomics
- Food Mycology
- Plant Pathogenic Fungi
- Fungal Metabolic Engineering
- Metals in Fungal Physiology and Virulence
- Fungal Systems and Synthetic Biology
- Microalgal Biotechnology
- Functional Genomic Analysis of Pathogenic Protozoa

- Clinical Mycology
- Mushroom Genome Sequencing and Editing
- Sequencing and Editing
- Signal Pathway in Host-Fungi Interaction
- Taxonomy and Application of Penicillium and Aspergillus
- Mycobiome and Commensal Fungi in Human
- Algal Symbiosis
- Host- Plasmodium Interactions
- [Special Workshop] Fungal Taxonomy

#### Virology (VIR)

- Vaccines and Viral Vectors
- Herpesvirus
- Antivirals and Gene Therapy
- Hepatitis Viruses
- Innate Immunity and Immune Evasion
- DNA Viruses
- Viral Adaptive Immunity
- Hanta and Arboviruses
- Advanced Sequencing and Diagnostics
- Neurotropic Viruses

- Viral Ecology
- Veterinary Viruses
- Influenza Virus: Pathogenesis and Transmission
- SFTS and Emerging Viruses
- Influenza Virus: Virus-host Interaction
- Paramyxoviruses and Coronavirus
- Viral Epidemiology
- RNA Viruses
- Biodefense Measures
- Late Breakers