

Program

[Program at a Glance](#)

*Updated as of March 11, 2022

**Program remains subject to change.

IUMS Committees and the congress organizers are working together to build an exciting congress program. It will be covering the fields of:

- Virology (VIR)
- Bacteriology & Applied Microbiology (BAM)
- Mycology & Eukaryotic Microbiology (MEM)

To review the scientific program and the confirmed speakers, please click on the drop-down menu below:

Opening Ceremony & Plenary 1: Climate Change and Microbial Life

Prof. Sara Gurr, Exeter University, Exeter, UK

Plenary 2: Complex Systems, Disturbances and Disruption

Prof. Stuart Kaufmann, University of Pennsylvania, Institute for Systems Biology, Philadelphia, USA

Bridging Session 1: Microbiomes and virome in the Anthropocene

BAM: Prof. Nicola Segata, University of Trento, Italy

MEM: Prof. Stephanie Kivlin, University of Tennessee, Knoxville, USA

Bridging Session 2: Innate Immunity First-Line Defense Against Viruses, Bacteria and Fungi

VIR: Dr. Sonja Best, Rocky Mountain Laboratories, NIAD, NIH,

USA

BAM: Prof. Suzan Rooijackers, UMC Utrecht, the Netherlands

MEM: Prof. Mihai Netea, Radboud University Medical Center, Nijmegen, the Netherlands

Bridging Session 3: Return After a Period of Absence: Dormancy, Persistence and Relapse

MEM: Prof. Chris Wong, University of Macau, China

Bridging Session 4: The Development of Resistance: Host-Pathogen Arms Race

VIR: Prof. Graciela Andrei, Catholic University Leuven, Belgium

BAM: Prof. Kimberly Kline, Nanyang Technological University, Singapore

MEM: Prof. Pablo Antonio Chong Aguirre, Centro de Investigaciones Biotecnológicas del Ecuador, Guayaquil, Ecuador

Bridging Session 5: Emerging Diseases in “One health” Context

VIR: Prof. Lin Fa Wang, Duke-NUS Medical School, Singapore

BAM: Prof. Ulrich Dobrindt, University of Muenster – Germany

MEM: Prof. Francois Balloux, University College London Genetics Institute, London, UK
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Workshop: Host-Pathogen Interactions

Prof. Melanie Blokesch, EPFL, Lausanne, Switzerland

Workshop: Plant-Microbe Interactions

Dr. Roeland Berendsen, University of Utrecht, the Netherlands

Dr. Silke Robatzek, LMU, Munich, Germany

Workshop: Microbial Communities and Microbiomes

Dr. Marnix Medema, Wageningen University, the Netherlands

Prof. Pieter Dorrestein, UCSD, USA

Workshop: Human Microbiome and Health

Prof. Itzik Mizrahi, Ben-Gurion University of the Negev, Beer-

Sheva, Israel

Workshop: Frontiers in Bacterial Structural Biology

Prof. Ariane Briegel, Leiden University, the Netherlands

Workshop: Antimicrobials and Antimicrobial Resistance

Prof. Gilles van Wezel, Leiden University, the Netherlands

Workshop: Microbial Evolution and Diversity

Speaker TBC

Workshop: New Insights into phage bacteria interactions

Prof. Bas Dutilh, Friedrich Schiller University, Jena, Germany

Workshop: Microbial Biotechnology and Applied Microbiology

Prof. Satoshi Okabe, Hokkaido University, Sapporo, Japan

Workshop: Extremophiles and Archaea

Prof. Uri Gophna, Tel Aviv University, Israel

Workshop: Gene Expression, Gene Regulation and Development

Prof. Didier Mazel, Institut Pasteur, Paris, France

Workshop: Food Microbiology

Speakers TBC
Workshop: Importance of data management for sustainable futures

1) Culture collections and sustainable development goals:
WFCC's catalyst role

Dr. Ipek Kurtböke, WFCC, University of the Sunshine Coast, Australia

2) DCM GCM and 10K Type Strain Sequencing Project

Dr. Linhuan Wu, World Data Center of Microorganisms, Institute of Microbiology, Chinese Academy of Science, Beijing, China

3) Databasing Systems for the Management of Biological Data

Prof. Vincent A. Robert, Westerdijk Fungal Biodiversity Institute, Utrecht, the Netherlands

4) List of Prokaryotic Names with Standing and Nomenclature

Dr. Markus Göker, Braunschweig, Germany

5) Culture collections and the Nagoya Protocol

*Dr. Amber Hartman Scholtz, Braunschweig, Leibniz Institute
DSMZ -German Collection of Microorganisms and Cell Cultures,
Germany*

**Workshop: Toxicogenic Fungi: Biology and Taxonomy ICFM-
Taxonomy of Aspergillus and Penicillium**

Mycotoxigenic Fungi in Nigeria

*Prof. Chibundu N. Ezekiel, Babcock University, Ilishan Remo,
Nigeria*

Workshop: Oomycetes as Biocontrol Agents and Parasites

Speaker TBC

Workshop: Advanced Life Cell Imaging

Speaker TBC

Workshop: Mycoviruses

1) Mycoviruses in Aspergillus Fumigatus

Dr. Ioly Kotta-Loizou, Imperial College, London, UK

2) First Mycovirus with an Extracellular Life Phase in
Sclerotinia Sclerotii

*Prof. Daohong Jiang, Huazhong Agricultural University, Wuhan,
China*

Workshop: Skin Neglected Tropical Diseases

Mycetoma in the Environment

Prof. Ahmed Fahal, University of Khartoum, Sudan

Workshop: Chromoblastomycosis

*Prof. Flavio Queiroz-Telles, Hospital de Clinicas, Department
of Public Health, Federal University of Paraná, Brazil*

Workshop: Leishmaniasis/Scabies

*Dr. Michael Marks, LSHTM, Hospital for Tropical Diseases,
University College London Hospital, UK*

Workshop: Eukaryotic Anti-Microbial Resistance

Speaker TBC

Workshop: Mycobiomes

Gut Mycobiome

Prof. René van den Wijngaard, ATytgat Institute for Liver and Intestinal Research, Department of Gastroenterology and Hepatology, Amsterdam UMC, the Netherlands

To find more on how you can contribute to the scientific program with your research, please follow the link below and check the guidelines for submitting your abstract.

[Abstract Submission](#)

Abstract Submission Deadline: April 6, 2022

IUMS 2022 will be a hybrid congress, providing you the option of participating both virtually, and in-person in Rotterdam, the Netherlands. To find more details about “The Hybrid Edition”, click on the button below.

[The Hybrid Edition](#)