



# 2<sup>nd</sup> European Congress on **Microbiology**

November 20-21, 2023  
Vienna, Austria

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# Conference Programme

# Conference Programme

November 20-21, 2023 Vienna, Austria

Day - 1, November 20, 2023

Hall Name: Flemings Room 7

8:00 - 8:40

Registrations

8:40 - 9:00

Introduction

## Keynote Presentations

9.00 - 9.40

**Branka Bedenić**, University of Zagreb School of Medicine, Croatia

**Title:** Spread of Enterobacterales Producing Multiple Carbapenemases

9.40 - 10.20

**Katarzyna Petka-Poniatowska**, University of Agriculture in Krakow, Poland

**Title:** Assessment of Interactions between Acrylamide and Microorganisms Occurring in Fermented Products

10.20 - 11.00

**Luidmila Anisko**, Infectious Hospital, Belarus

**Title:** Laboratory Predictors of Severe Course and Fatal Outcome of COVID-19 Coronavirus Infection

Group Photo 11.00 - 11.10

Networking and Refreshments: 11.10 - 11.30 @ Foyer

## Oral Presentations

Session Chair:

**Hannele Kettunen**, Hankkija Oy, Finland

Session Chair:

**Marc Ruff**, IGBMC - CERBM, France

**Sessions:** Clinical Microbiology | Medical Microbiology | Immunology & Vaccination | Mycology | Bacteriology | Food Microbiology | Virology | Rare Infectious Diseases | Sexually Transmitted Diseases | Industrial and Applied Microbiology | Coronavirus COVID 19

11.30 - 11.55

**Adriana Ripa López-Barrantes**, Universidad de Extremadura Facultad de Veterinaria, Spain

**Title:** Non Invasive Methods for Monitoring Wildlife Through "One health" Approach

11.55 - 12.20

**Pawel Zapolnik**, University of Rzeszów, Poland

**Title:** Trained Immunity, BCG and SARS-CoV-2 – Molecular Basis and Connections

12.20 - 12.45

**Jun Kawaguchi**, Tokyo Institute of Technology, Japan

**Title:** Evolution from an Antibiotic Synthetic Enzyme to a Porphyrin Biosynthetic Enzyme

12.45 - 13.10

**Chinedu Ajogun**, Nigerian Institute of Food Science and Technology, Nigeria

**Title:** Microbiological Quality of Table Wine Produced from Coconut water, Honey and *Hibiscus sabdarifa* (Zobo leaf)

**Lunch: 13.10 - 14.00 @ Flemings Restaurant**

14.00 - 14.25

**Marc Ruff**, IGBMC - CERBM, France

**Title:** HIV-1: Nuclear Transport and Viral Dna Integration Molecular Mechanisms

14.25 - 14.50

**Patrizia Russo**, San Raffaele University Roma, Italy

**Title:** The Severity and Mortality of COPD Remain Unaffected by Infection with *JC Polyomavirus (JCPyV)*, *BK Polyomavirus (BKPyV)*, *Influenza Virus (H1N1)*, or *Torquetenovirus (TTV)* in COPD Smokers. A Comparison with SARS-CoV-2 and the Specific Role of Nicotine in SARS-CoV-2 Disease

14.50 - 15.15

**Hannele Kettunen**, Hankkija Oy, Finland

**Title:** Combination of Rosin Soap and Glutaraldehyde is Efficient Against The Spores of *Clostridium difficile*

15.15 - 15.40

**Anurag Kashyap**, Assam Agricultural University, India

**Title:** Metabolic Profiling of Tomato Defense Response against *Ralstonia solanacearum* and Imparting Resistance through Resistant Rootstock Grafting

15.40 - 16.05

**Sudip Kumar Das**, University of Calcutta, India

**Title:** Ni(II) Removal by Newly Developed Ni(II) Resistant *S. Cerevisiae* AJ208

**Networking and Refreshments: 16.05 - 16.30 @ Foyer**

16.30 - 16.55

**Ikram El Ahmer**, University of Monastir, Tunisia

**Title:** *Neisseria Cinerea* Pneumonia: First Reported Case In A Tunisian Hospital And Literature Review

**Day 1 Concludes followed by Awards Ceremony**

Day 2, November 21, 2023

Hall name: Flemings Room 7

### Keynote Presentation

9.00 - 9.40

**Patrizia Russo**, San Raffaele University and IRCCS San Raffaele, Italy

**Title:** Ttv-Virome Prediction of Dysregulated Immunity and Clinical Differential Diagnosis

9.40 - 10.20

**Aditi Singh**, Amity University Lucknow, India

**Title:** Assessment of Bacteriophage and Antibiotic Cocktail Against Three Common Bacterial Strains

### Networking and Refreshments: 10.20 - 11.00 @ Foyer

11.00 - 11.40

**Travers K. Chirova**, Harare Institute of Technology, Zimbabwe

**Title:** Green Synthesis of Silver Nanoparticles Using Plant Extracts of *Musa paradisiaca*, *Magnifera indica* and *Aloe vera* and Evaluation of their Antioxidant and Antimicrobial Properties

### Oral Presentations

Session Chair:

**Patrizia Russo**, San Raffaele University and IRCCS San Raffaele, Italy

Session Chair:

**Branka Bedenić**, University of Zagreb School of Medicine, Croatia

**Sessions:** Air Borne and Infectious Diseases | Antimicrobial Agents | Nosocomial Infections | Microbial Evolution | Micro biome | Pharmaceutical Microbiology | Dental Infections | Antibiotics and Resistance | Paediatric Infections | Pathogenesis | Plant Beneficial Microbes

11.40 - 12.05

**Branka Bedenic**, University of Zagreb School of Medicine, Croatia

**Title:** AmpC Producing Enterobacterales Causing Bloodstream Infections: Antibiotic Susceptibility and Resistance Determinants

### Poster Presentations

Poster Judge:

**Branka Bedenić**, University of Zagreb School of Medicine, Croatia

12.05 - 12.20

**Hannele Kettunen**, Hankkija Oy, Finland

**Title:** Long Term Virucidal Activity of Rosin Soap on Plastic, Glass and Stainless Steel Surfaces

12.20 - 12.35

**Hannele Kettunen**, Hankkija Oy, Finland

**Title:** Activity of Rosin Soap Formulations against the ESKAPE Pathogens

12.35 - 12.50

**Hana Strakova**, University of Defence, Czech Republic

**Title:** Evaluation of Disinfection Effect of Novel Heterocycle-based Quaternary Ammonium Salts

**Lunch @ 12.50 - 14.00 @ Flemings Restaurant**

14.00 - 14.15

**Khaloud Alarjani**, King Saud University, Saudi Arabia

**Title:** Chitosan-propolis Nanoparticles for the Medical Dressing of Superficial Wounds, Treatment the Erysipelas, and Internal Bleeding caused by Methicillin-Resistant *Staphylococcus aureus* (MRSA)

14.15 - 14.30

**Mohammed Alshahrani**, Najran University, Saudi Arabia

**Title:** Interplay between Cross Sectional Analysis of Risk Factors Associated with *Toxoplasma gondii* Infection in Pregnant Women and their Domestic Cats

14.30 - 14.45

**Kakha Sokhadze**, Agricultural University of Georgia, Georgia

**Title:** Gleophylum Abietinum Bcc 89 Promising Producer of Cellulases for Biorefinery

14.45 - 15.00

**Natalie Zivna**, University of Defence, Czech Republic

**Title:** Novel Octenidine-based Quaternary Ammonium Compounds with Strong Antimicrobial Effects

15.00 - 15.15

**Jan Marek**, University of Defence, Czech Republic

**Title:** Design, wide Antimicrobial Effect and Structure-activity Relationships of Novel N-alkylammonium Salts

15.15 - 15.30

**Cristiana Garofalo**, University of Marche, Italy

**Title:** Insight into Pro-Technological Bacteria, Physico-chemical, and Morpho Textural Features of Sudžuk

15.30 - 15.45

**Andrea Osimani**, University of Marche, Italy

**Title:** Spotlight on Pro-Technological Bacteria, Physico-Chemical, and Morpho Textural Features of Njeguski Cheese

15.45 - 16.00

**Netnapa Makhamrueang**, Chiang Mai University, Thailand

**Title:** Ferulic Acid Esterase and Ferulic acid Decarboxylase-Producing Bacterial Strains of *Lactobacillus* for Bioconversion of rice Bran Phytochemicals to Vanillin and its Derivatives

16.00 - 16.15

**Sasithorn Sirilun**, Chiang Mai University, Thailand

**Title:** The Effect of a Postbiotic Metabolite of *Lactiplantibacillus plantarum* Grown in *Perilla frutescens* (Linn.) Britton Seed Cake Medium on cytokine/chemokine Homeostasis and Barrier Integrity in Human Colorectal Adenocarcinoma Caco-2 Cells

### Video Presentation

16.15 - 16.30

**Lifeng Sun**, Provincial Hospital affiliated to Shandong First Medical University, China

**Title:** Poly(I:C) Exacerbates Airway Goblet cell Hyperplasia and Lung Inflammation in HDMexposed Balb/c mice by YAP/FOXO1 Pathway

**Networking and Refreshments: 16.30 - 17.00 @ Foyer**

**Day 2 Concludes followed by Awards Ceremony and Vote of Thanks**



# Virtual Programme

Day 1 November 20, 2023 GMT (London Time: 10.00 - 15.05)

## Oral Presentations

10.00 - 10.25

**Aghapy Yermans Yakoup**, Zewail City for Science and Technology, Egypt

**Title:** The Synergistic Effect of Using Bacteriophages and Chitosan Nanoparticles against Pathogenic Bacteria as A Novel Therapeutic Approach

10.25 - 10.50

**Landry Beyela Bitá'a**, M.A. SANTE (Meilleur Accès aux soins de Santé), Cameroon

**Title:** Knowledge, Attitudes and Practices of Health Care Personnel in the Management of Diarrhea Cases: Case of the Logone and Chari department (Far North Cameroon)

10.50 - 11.05

**Manuela Zadavec**, Croatian Veterinary Institute, Croatia

**Title:** Regional Distribution and Diversity of *Aspergillus* and *Penicillium* Species on Croatian Traditional Meat Products

11.05 - 11.30

**Sweta Parimita Bera**, P P Savani University, India

**Title:** An Analysis of The Ecosystems of the Narmada River: Exploring Microbial Diversity *via* Metagenomics

11.30 - 11.55

**Shafie Hassan**, Jamhuriya University of Science and Technology, Somalia

**Title:** Antimicrobial Susceptibility of *Escherichia Coli* Isolated from Diabetic Patients in Mogadishu, Somalia

11.55 - 12.20

**Jayeeta Banerjee**, University of Calcutta, India

**Title:** Comparative Study on Ni(II) Biosorption Using Ni(II) Resistant Living and Non-Living *S. Cerevisiae* AJ208

12.20 - 12.45

**Augustina Nnenna Okereke**, Nigerian Institution for Oceanography and Marine Research, Nigeria

**Title:** Evaluation of the Efficacy of Depuration System to Eliminate the Human Pathogen *Vibrio Vulnificus* from Perinwinkle (*Tympanotonus Fuscatus*) Harvested from a Minioruwe Creek in Rivers State

12.45 - 13.10

**Jane Ijeoma Ugochukwu**, Enugu State University of Science & Technology, Nigeria

**Title:** Formulation and Evaluation of the Anti-Malarial Activity of Artemether and Doxycycline-Entrapped in Solid Lipid Nanoparticles

13.10 - 13.35

**Jitendra Kumar**, Institute of Liver & Biliary Sciences, India

**Title:** Thiourea Derivatives Restored Mitochondrial Health in Chronic Infected Hepatocytes

13.35 - 14.00

**David Mead**, Varizymes, USA

**Title:** Novel DNA Polymerases from Hyperthermophilic Biomes

14.00 - 14.25

**Nilay Solanki**, Charotar University of Science and Technology, India

**Title:** Clinical Decision Making in Infectious Diseases: Antibacterial Drug Utilization and Antibiogram Insights

## Poster Presentation

14.25 - 14.50

**Laura Camila Carrera Paez**, Research Laboratory on Antibiotic Resistance Mechanisms IMPAM (UBA/CONICET), Argentina

**Title:** Studies of Mechanisms of Horizontal Genetic Transfer Associated with Antimicrobial Resistance In a Clinical Isolate

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Note:

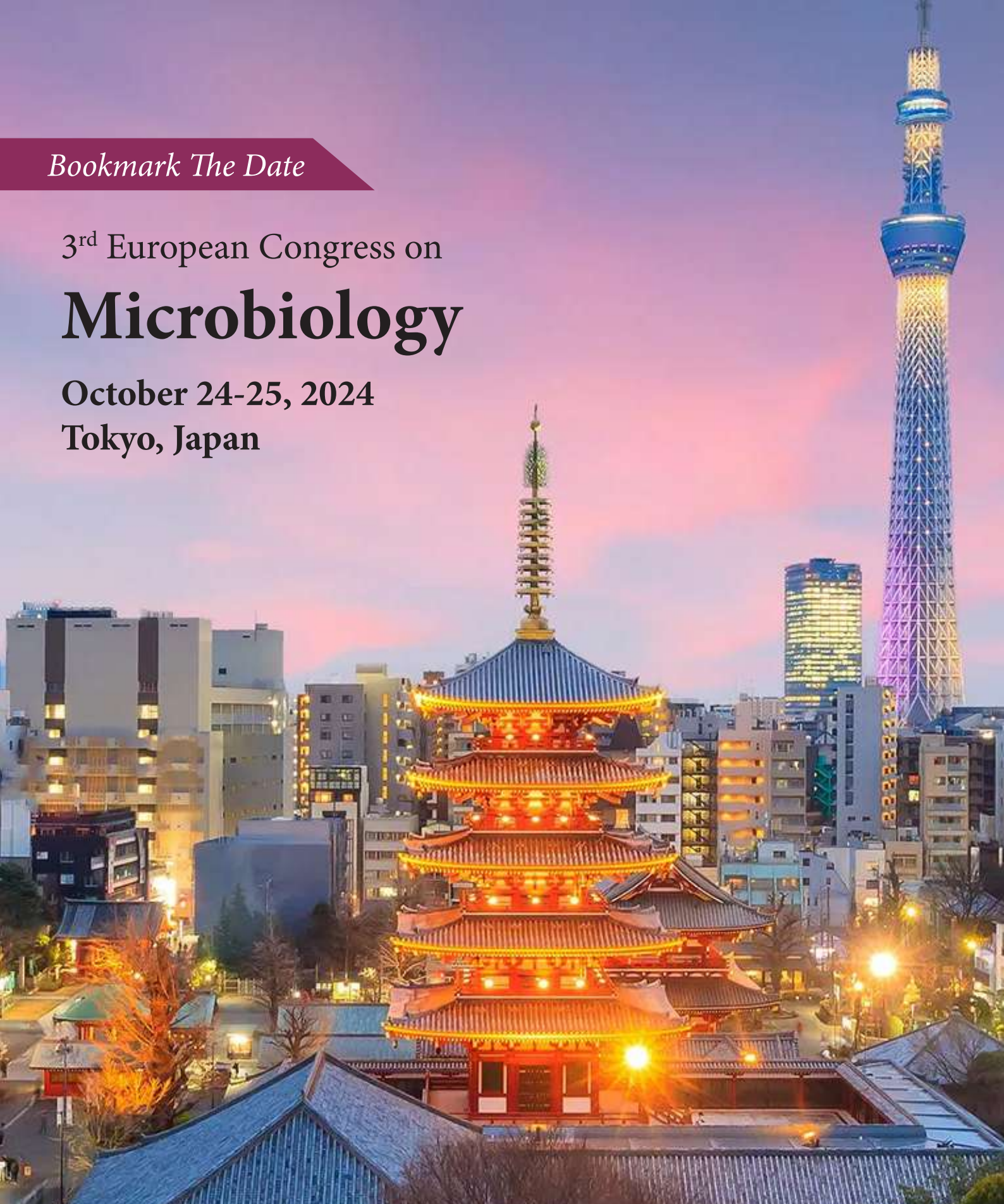
*Bookmark The Date*

3<sup>rd</sup> European Congress on

# Microbiology

October 24-25, 2024

Tokyo, Japan



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