Tentative Program

47th World Congress on Microbiology

September 10-11, 2018   London, UK

***For available speaker slots***

microbiology@annualconferences.org

microbiology@annualconferences.org   https://microbiology.conferenceseries.com/europe/
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Conference Highlights

- Emerging techniques in bacteriology
- Advance of techniques in virology
- Innovations in veterinary microbiology
- Enumeration in environmental microbiology
- Improvements in agricultural microbiology
- Flora in soil and water microbiology
- Futuristic innovation in industrial microbiology and food microbiology
- Pure microbiology and microbes world
- Melioration in mycology and phycology
- Nematology and proto – zoology
- Advances in medical parasitology
- Microbial identification and physiology
- Breakthrough approaches in medical and molecular microbiology
- Microbial immunology and infection control
- Current trends in microbiology
- Vaccines and anti-microbials

For detailed sessions, please visit: https://microbiology.conferenceseries.com/europe/
Submit your abstract online at: https://microbiology.conferenceseries.com/europe/abstract-submission.php
Register online: https://microbiology.conferenceseries.com/europe/registration.php
Glimpses of Microbiology Congress

https://microbiology.conferenceseries.com/europe/
Best Tourist Destinations  London, UK

Big Ben

Buckingham Palace

River Thame

St Paul's Cathedral

The London Eye

Tower of London

westminster abbey
46th World Congress on

MICROBIOLOGY
September 18-19, 2017  Dublin, Ireland
Keynote Forum

Introduction
Title: Protein biogenesis in the Picornaviridae: Virus-encoded proteinases, ribosome ‘skipping’, alternative initiation and programmed ribosomal frame-shifting
Martin Ryan, University of St Andrews, UK
Title: The role of the human polyomavirus BK in the development of prostate cancer
Maurizio Provenzano, University Hospital of Zürich, Switzerland

Group Photo

Networking and Refreshments Break

Title: Biology of Myxobacteria – an underestimated group of antibiotic producing bacteria
Joachim Wink, Helmholtz Centre for Infection Research, Germany

Sessions: Bacteriology | Virology | Veterinary Microbiology | Mycology | Phycology | Environmental and Agricultural Microbiology
Session Chair: Joachim Wink, Helmholtz Centre for Infection Research, Germany
Session Co-chair: Stef Stienstra, Scientific Advisor Royal Dutch Navy, Netherlands

Session Introduction
Title: Photodynamic inactivation of phytopathogenic fungi with natural and synthetic photosensitizers
Maria Angela Cunha, University of Aveiro, Portugal
Title: Resistance profile of ESBL positive uropathogenic E. coli in a tertiary care teaching hospital in Islamabad, Pakistan
Rehana A Gilani, Shaheed Zulfiqar Ali Bhutto Medical University, Pakistan
Title: The pathway to Alzheimer's disease
Herbert B Allen, Drexel University College of Medicine, USA

Panel Discussion

Title: The capric acid from Saccharomyces boulardii as an antifungal agent: A mechanism study
Anna Krasowska, University of Wroclaw, Poland
Title: Interdisciplinary studies on Ayurvedic herbal formulation showing antibacterial effect on methicillin resistant Staphylococcus aureus
Tatyana Tracevska, University of Latvia, Latvia
Title: Cooperation in public health to fight infectious diseases in developing countries is good for the global economy
Stef Stienstra, Royal Dutch Navy, Netherlands
Title: Intracellular biofilms
Herbert B Allen, Drexel University College of Medicine, USA

Panel Discussion

Networking and Refreshments Break

Special Session
Title: Tips for a successful technology transfer in life sciences
Alain Richard, National Research Council of Canada (NRC), Québec, Canada

Panel Discussion

Young Researcher Forum
Panel Discussion and Networking
Day 2 September 19, 2017
Redwood Suite C

Keynote Forum

Title: The threat mitigation of emerging infectious diseases globally
Stef Stienstra, Royal Dutch Navy, Netherlands

Title: Global reprogramming of the Yersinia pseudotuberculosis transcriptional landscape in response to host signals
Petra Dersch, Helmholtz Centre for Infection Research, Germany

Title: Paramyxovirus receptor interactions: Importance in understanding cross species infection, vaccine design and disease treatment
Sarah Louise Cosby, Queen’s University Belfast & Agri-Food & Biosciences Institute, UK

Networking and Refreshments Break

Title: Improved antibiotic treatments and vaccines against bacterial diseases: Why do we need to understand how the pathogen interacts with the host?
Pietro Mastroeni, University of Cambridge, United Kingdom

Title: Investigating the role of histone acetylation in the regulation of flocculation in Saccharomyces cerevisiae
Alastair Fleming, Trinity College Dublin, Ireland

Sessions: Industrial Microbiology | Food Microbiology | Vaccines and Anti-Microbials | Microbial Immunology | Molecular and Medical Microbiology
Session Chair: Sarah Louise Cosby, Queen’s University Belfast & Agri-Food & Biosciences Institute, UK
Session Co-Chair: Pietro Mastroeni, University of Cambridge United Kingdom

Session Introduction

Title: A novel antibiotic effectively inhibiting an unconventional target, Na⁺-translocating NADH:ubiquinone oxidoreductase
Pavel Dibrov, University of Manitoba, Canada

Panel Discussion & Networking

Lunch Break

Title: Activity of new indole derivates against Mycobacterium tuberculosis and Mycobacterium avium, HIV combined mycobacteriosis
Boris Nikonenko, Central Institute for Tuberculosis, Russia

Title: Effects of stressful life on human skin biota
Pierre-Yves Morvan, Codif Technologie Naturelle, France

Title: Role of Type III secretion system and the CNFY toxin for the virulence of enteric Yersinia
Petra Dersch, Helmholtz Centre for Infection Research, Germany

Panel Discussion and Networking

Workshop

Title: Polyphasic taxonomy – the class Actinobacteria
Joachim Wink, Helmholtz Centre for Infection Research, Germany

Panel Discussion
Title: Microbial production of biopolymers using solid-state fermentation with *Bacillus subtilis natto*
Marcin Łukaszewicz, University of Wroclaw, Poland

Title: Leprosy from a different perspective
Herbert B. Allen, Drexel University College of Medicine, USA

**Panel Discussion**

**Poster Presentations @ Redwood Foyer**

**Session Judge: Maurizio Provenzano, University Hospital of Zürich, Switzerland**

| MB 01 | Title: In vivo efficacy of a bacteriophage cocktail for the control of multiple drug-resistant (MDR) *Acinetobacter baumanii* infection of lungs  
Kyoungun Cha, Hankuk University of Foreign Studies, South Korea |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MB 02 | Title: Increase of biosurfactant production by co-cultivation of producing bacteria with biofilm-forming strains  
Maria Angela Cunha, University of Aveiro, Portugal |
| MB 03 | Title: Microbiome analysis and mycobacteria presence in microbiome of Hranice Abyss and Zbrasov Aragonite Caves (Hranice Karst, Czech Republic)  
Milan Bartos, Masaryk University, Czech Republic |
| MB 04 | Title: Occurrence and characterization of bacteria producing beta-lactamases isolated from patients with leukaemia  
Ondrej Holy, Palacký University Olomouc, Czech Republic |
| MB 05 | Title: Molecular analysis of *Mycobacterium tuberculosis* intracellular growth – from disease progression to drug development  
Sandra Diaz, University of British Columbia, Canada |
| MB 06 | Title: Increase of phage production resulting from overexpression of hybC in *Escherichia coli*  
Yoonjung Hwang, Hankuk University of Foreign Studies, South Korea |
| MB 07 | Title: Bacterial stress-induced increase of phage production mediated by a delayed lysis  
Yunyeol Jo, Hankuk University of Foreign Studies, South Korea |
| MB 08 | Title: Bacteriological quality trend of bottled water in northern Greece  
Malamatenia Arvanitidou, Aristotle University of Thessaloniki, Greece |
| MB 09 | Title: Removal of bacterial biofilm on intestinal cell surface in vitro using bacteriophage  
Wonki Kim, Hankuk University of Foreign Studies, South Korea |
| MB 10 | Title: Targeted delivery of phages induced anti-cancer effect in mice models  
Yoonjung Hwang, Hankuk University of Foreign Studies, South Korea |
| MB 11 | Title: The bacteriophage bank of Korea  
Kyoungu Cha, Hankuk University of Foreign Studies, South Korea |

**Awards & Closing Ceremony**