Tentative Program

47th World Congress on Microbiology

September 10-11, 2018 London, UK



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

microbiology@annualconferences.org

Day 1

Morning Sessions	Registration	08.00-08:30
	Time	General Session
	Keynote/Plenary Talks 08.30-09:00	Inaugural Address & Opening Ceremony
	Keynote/Plenary Talks 09.00-09.30	Keynote/Plenary Talk 1
	Keynote/Plenary Talks 09.30-10.00	Keynote/Plenary Talk 2
	Keynote/Plenary Talks 10.00-10.30	Keynote/Plenary Talk 3
	Keynote/Plenary Talks 10.30-11.00	Keynote/Plenary Talk 4
	Keynote/Plenary Talk Slots Available*	
	11.00-11.10	Group Photo
	Coffee/Tea Break 11.10-11.30 (Networking)	
	Speaker Sessions	
	Speaker Slots Available*	
	11.30-13.30	Bacteriology
		Virology
		Veterinary Microbiology
	Lunch Break 13.30-14.30	
Evening Sessions	14.30-16.10	Mycology & Phycology
		Environmental Microbiology
		Agricultural Microbiology
		Soil & Water Microbiology
	Coffee/Tea Break 16.10-16.30 (Networking)	
	16.30-17.30	Current Trends in Microbiology

Speaker Slots Available***

Day 2

Morning Sessions	Time	General Session
	Keynote/Plenary Talks 09.00-09.30	Keynote/Plenary Talk 1
	Keynote/Plenary Talks 09.30-10.00	Keynote/Plenary Talk 2
	Keynote/Plenary Talks 10.00-10.30	Keynote/Plenary Talk 3
	Keynote/Plenary Talk Slots Available*	
	Coffee/Tea Break 10.30-10.50 (Networking)	
	10.50-11.50	Workshop Slots Available**
	Panel Discussion	
	Speaker Sessions	
	Speaker Forum Slots Available*	
	12.00-13.30	Industrial & Food Microbiology
		Pure Microbiology & Microbes World
	Lunch Break 13.30-14.30	
Evening Sessions	14.30-15.30	Medical & Molecular Microbiology
		Microbial Immunology & Infection Control
	15.30-16.15	Young Research Forum
	Coffee/Tea Break 16.15-16.45 (Networking)	
	16.45-18.00	Poster Presentations
	Closing Ceremony	

Speaker Slots Available***

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/

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Glimpses of Microbiology Congress














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Scientific Program

46th World Congress on

MICROBIOLOGY

September 18-19, 2017 Dublin, Ireland



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Day 1 September 18, 2017

Registrations

Redwood Suite C

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Opening Ceremony

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

Lunch Break

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

YRF Judge: Alastair Fleming, Trinity College Dublin, Ireland

Title: Recalcitrant polymers biodegradation by phylloplanic bacterial and fungal isolates: Identification of efficient strains and characterization of the degradation products
Nicolas Le Goff, University of Technology of Compiègne, France
Title: Macrolide and lincosamide resistance amongst Group B Streptococci – a growing concern?
Katherine Hayes, Cork Institute of Technology, Ireland
Title: Transcriptomics as a tool to monitor and predict the behaviour of the microbiome in an industrial salt waste water treatment plant
Albertus Geurkink, University of Groningen, Netherlands
Title: "Myco-fluidics" for soil remediation: Developing a microfluidic tool to monitor the solubilization and uptake of a persistant soil pollutant in filamentous fungi
Claire Baranger, University of Technology of Compiègne, France

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 Yersiniae
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

Networking and Refreshments Break

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** **Kyoungeun 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 betalactamases 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** **Kyoungeun Cha**, Hankuk University of Foreign Studies, South Korea

Awards & Closing Ceremony

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7th World Congress on

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November 28-29, 2016 Valencia, Spain



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Registrations

At Melia Meeting 1-2

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Opening Ceremony

Keynote Forum

Introduction

Title: The cell envelope of *Mycobacterium tuberculosis* and new drug discovery against tuberculosis
Patrick Brennan, Colorado State University, USA

Title: The role of biofilm, the super virulence factor in pathogenicity of the yeasts from the genus *Candida*
Helena Bujdakova, Comenius University, Slovakia

Title: Ecology and role of non-conventional yeasts in fermented products
Amparo Gamero Lluna, University of Valencia, Spain

Group Photo

Networking and Refreshments Break

Sessions:
Microbes world | Infectious Diseases | Marine Microbiology | Microbial Physiology | Bacteriology | Medical Microbiology | Virology | Microbial Ecology

Session Chair: Ibrahim Banat, University of Ulster, UK
Session Co-chair: Natalia Tschowri, Humboldt University of Berlin, Germany

Session Introduction

Title: Isolation and physiological adaptation for biologically active marine actinomycetes as anti-tumor producers
Manal M El-Naggar, National Institute of Oceanography and Fisheries, Egypt
Title: Microbial community of the extremal ecosystems of the Uzon Caldera (kamchatka)
A.V. Bryanskaya, The Federal Research Center Institute of Cytology and Genetics, Russia
Title: HIV-1 superinfection in Cameroon
Ralf Duerr, New York University, USA
Title: Carbepenem-resistant *Pseudomonas aeruginosa* : Prevalence and impact of carbapenemase-encoding genes in isolates from Kuwait hospitals.
Ayman K El Essawy, Ain Shams University, Egypt

Lunch Break

Title: Genomic characterization and molecular epidemiology of Colombian multidrug resistant *Acinetobacter baumannii* strains causing healthcare-associated infections (HAI)
Veronica Rincón, National University of Colombia, Bogotá-Colombia
Title: Strengthening molecular microbiology education for pathogen detection and surveillance in a scientifically resource poor setting
Olabisi Ojo, Albany State University, USA
Title: Enhanced real-time digital bright field technology: lighting the way in bacteriology
Chiara Canali, Philips Biocell, Denmark
Title: Visualization and assessing the effectiveness of biosurfactant derived from *L. acidophilus* as biofilm impeder through microfluidic approaches
Surekha K. Satpute, Savitribai Phule Pune University, India
Title: BTX Compounds Tolerant Bacteria
Rocío Pérez-y-Terrón, Autonomous University of Puebla, México

Networking and Refreshments Break

Title: Resistance profile of ESBL positive uropathogenic *E.coli* in a tertiary care teaching hospital in Islamabad ,Pakistan.
Rehana A.Gilani, Pakistan Institute of Medical Sciences,Pakistan
Title: The seroprevalence of *Parvovirus B19* among Kidney Transplant Recipients: A single center study
Zakieh Rostamzadeh, Urmia University of Medical Sciences, Iran

Keynote Presentation

Title: The incidence, clinical evolution, treatment and prophylaxis of hydatidosis
Lia Monica Junie, Iuliu Hatieganu University of Medicine and Pharmacy, Romania

Panel Discussion

Networking

Day 2 November 29, 2016

At Melia Meeting 1-2

Keynote Forum

Introduction
Title: Biosurfactants: Challenges, successes and future opportunities
Ibrahim Banat, University of Ulster, UK

Title: Cyclic di-GMP signaling in bacterial differentiation and antibiotic production
Natalia Tschowri, Humboldt University of Berlin, Germany

Title: Use of isogenic tagged strains to study the impact of antimicrobials on the within-host dynamics of *Salmonella* bacterial infections
Omar Rossi, University of Cambridge, UK

Networking and Refreshments Break

Sessions:
Molecular Microbiology | Veterinary Microbiology | Microbial Pathogenesis and Host Response | Industrial Microbiology | Applied Microbiology | Mycology | Current Trends in Microbiology | Microbial Engineering | Medical Parasitology | Medical Parasitology

Session Chair: Patrick Brennan, Colorado State University, USA
Session Co-chair: Helena Bujdakova, Comenius University, Slovakia

Session Introduction

Title: Microorganism and Health
Nwaobi Victor, P.L. Shupyk National Medical Academy of Postgraduate Education, Ukraine

Title: Cytokine secretion by lung epithelial cells during infection with pathogenic fungi
Erika Suzuki de Toledo, Universidade Federal de São Paulo, Brazil

Title: Antibiotic resistance of bacterial isolates from sediments of eastern Mediterranean Sea in association with environmental parameters
Ilknur Tuncer, Dokuz Eylul University, Turkey

Title: Purification and characterization of a beta-mannanase from *Lactobacillus plantarum*
Neslihan Dikbas, Ataturk University, Turkey

Lunch Break

Title: Borreliosis as a possible etiological factor in Acute Posterior Multifocal Placoid Pigment Epitheliopathy
Munjid Al Mousa, Jordanian Doctors Eyes Association, Jordan

Title: Qualitative analysis of lipid composition isolated from lipid droplets of pathogenic fungi and its biological relevance
Marcos Sergio de Toledo, Universidade Federal de São Paulo, Brazil

Title: Study of microbial population and diversity in soil strategies of hydrocarbon contaminants
Althalb Hakima, Libyan Petroleum Institute, Libya

Title: Antimicrobial, Antioxidant, Mechanical, and Physicochemical Properties of CMC based films incorporated of lemon verbena essential oil
Abdorreza Mohammadi Nafchi, Islamic Azad University, Iran

Title: Neglected zoonotic agents in cattle abortion: Molecular and serological screening of difficult to grow bacteria
Sara Vidal Lopez, University of Bern, Switzerland

Title: Development of a new qPCR assay for the detection of *Staphylococcus aureus* genotype B (GTB) in cow milk samples
Carlotta Sartori, ETH Zurich, Switzerland

Networking and Refreshments Break

Poster presentations

Poster Judges: **Omar Rossi,** University of Cambridge, UK
Amparo Gamero Lluna, University of Valencia, Spain

MB-01	**Title: Distribution of microbes-antagonists in tomato rhizosphere in Georgia** **Tamar Shamatava,** Georgia Technical University, Georgia
MB- 02	**Title: Comparative analysis of *Middle East Respiratory Syndrome Coronavirus* subunit vaccine candidates in mice.** **Yong Bong Kim,** Konkuk University, Seoul
MB-03	**Title: Research work on antimicrobial activity of honey against specific microbes** **Sher Ali,** Hazara University Mansehra, Pakistan
MB-04	**Title: Study of marine Actinobacteria diversity from X región de Los Lagos and evaluation of genes PKS/NRPS as markers of biological activity** **Geraldine Wittwer,** Universidad De Los Lagos, Brazil
MB-05	**Title: Transposon-mutagenesis based identification of virulence factors of *Paenibacillus* larvae.** **Tine Descamps,** Ghent University, Belgium
MB-06	**Title: Identification of immunogenic proteins of human pathogenic bacteria utilising phage display** **Daniel Oliver Connor,** Fraunhofer Institute for Cell Therapy and Immunology, Germany
MB-07	**Title: Does hydatid cyst fluid from *Echinococcus granulosus* cysts have any effect on cells involved in fibrosis in Cystic Echinococcosis?** **Ahmed A. Mohammed,** University of Salford, UK
MB-08	**Title: Infection-like approach to identify immunogenic proteins of *Salmonella Enteritidis*** **Lena Danckert,** Fraunhofer Institute for Cell Therapy and Immunology, Germany
MB-09	**Title: Spent culture supernatant (SCS) from Lactobacillus sucicola BGLMM7 inhibits proliferation of tumour cardiac myocytes** **Jovanka Lukic,** University of Belgrade, Serbia
MB-10	**Title: Sterols and carotenoids overproduction by expressing the transcriptional activation domain of Sre1 (Sre1N) in the carotenogenic yeast *Xanthophyllomyces dendrorhous*.** **María Soledad Gutiérrez,** Universidad de Chile, Chile
MB-11	**Title: Bacterial contamination of used manual toothbrushes and effects of toothpastes on isolated potential pathogens** **Rana Abdulrahim Alaeq,** University of Sheffield, UK
MB-12	**Title: Isolation and characterization of endophytic and rhizospheric bacteria of *Arthrocnemum macrostachyum* in the Odiel marshes and the heavy metals effects in their PGP properties** **S. Navarro-Torre,** Universidad de Sevilla, Spain

Poster presentations

MB-13	**Title: Biomineralization of platinum by microorganisms** **Sahar Shar,** RMIT University, Victoria, Australia
MB-14	**Title: Analysis of triatomine midgut bacterial diversity, insect vectors of chagas disease by next generation sequencing methods (NGS)** **Luisa María Montoya-Porras,** National University of Colombia, Colombia
MB-15	**Title: Design of a bacterial inoculants for phytoremediation of heavy metals in contaminated estuaries** **Karina Paredes Paliz,** Universidad de Sevilla, Spain
MB-16	**Title: Comparative genomic analysis reveals environment and habitat specific gene diversity within genus *Novosphingobium*** **Roshan Kumar,** University of Delhi, India
MB-17	**Title: Synthesis and degradation of Ms1 in *Mycobacterium smegmatis*** **Martina Janouskova,** Czech Academy of Sciences, Czech Republic
MB-18	**Title: Effect of toxicity of monocyclic aromatic hydrocarbons, BTX in insolated strains of Laguna Mecoacan, Paraiso, Tabasco, Mexico** **Sthefany Woolrich-Zavaleta,** Benemerita Universidad Autonoma de Puebla, Mexico
MB-19	**Title: The phenotypic detection of carbapenem resistant organisms in orthopedic wound infections in Ile-Ife** **Anthony Onipede,** Obafemi Awolowo University, Nigeria
MB-20	**Title: Bacterial profile of burn wound infection and antibiotic susceptibility profile at Ile-Ife, Nigeria** **Olabisi Ojo,** Albany State University, USA

MB-21	**Title: A mycological study of onychomycosis in Tlemcen city (Algeria)** **Houda Fellah,** University Abou Bakr Belkaid, Algeria
MB-22	**Title: Co-occurrence of blaNDM-1 with blaOXA-23 or blaOXA-58 in clinical multidrug-resistant *Acinetobacter baumannii* isolates, Algeria** **Ramoul Abir,** Badji Mokhtar University, Algeria
MB-23	**Title: Simultaneous identification of *Mycoplasma gallisepticum* and *Mycoplasma synoviae* by duplex PCR assay** **Golbarg Malekhoseini,** Islamic Azad University, Iran
MB-24	**Title: Marine viruses discovered through metagenomics shed light on viral strategies throughout the oceans** **Felipe Hernandes Coutinho,** Universidade Federal do Rio de Janeiro, Brazil

Panel Discussion

Award Distribution & Closing Ceremony



Bookmark your dates

46th World Congress on

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September 28-30, 2017 London, UK

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