Tentative Program

46th World Congress on MICROBIOLOGY

September 18-19, 2017     Dublin, Ireland

Theme: “Perceiving the challenges of the inter-disciplinary world of microbes through Research, Response & Regulation”
# Microbiology Tentative Program

## Program at a Glance

### Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00-08:30</td>
<td>Registration</td>
</tr>
<tr>
<td>08.00-08.30</td>
<td>Inaugural Address &amp; Opening Ceremony</td>
</tr>
<tr>
<td>08.30-09.00</td>
<td>Keynote Presentation 01</td>
</tr>
<tr>
<td>09.00-09.30</td>
<td>Keynote Presentation 02</td>
</tr>
<tr>
<td>09.30-10.00</td>
<td>Keynote Presentation 03</td>
</tr>
<tr>
<td>10.00-10.30</td>
<td>Keynote Presentation 04</td>
</tr>
<tr>
<td>10.30-10.40</td>
<td>Group Photo</td>
</tr>
<tr>
<td>11.00-11.30</td>
<td>Keynote Presentation 05</td>
</tr>
<tr>
<td>11.30-12.00</td>
<td>Keynote Presentation 06</td>
</tr>
<tr>
<td>11.00-11.30</td>
<td>Keynote Speaker Slots Available: 03***</td>
</tr>
<tr>
<td>11.30-12.00</td>
<td>Keynote Speaker Slots Available*</td>
</tr>
<tr>
<td>12.00-13.30</td>
<td>Oral Presentations</td>
</tr>
<tr>
<td>12.00-13.30</td>
<td>Emerging Techniques in Bacteriology</td>
</tr>
<tr>
<td>12.00-13.30</td>
<td>Advances of Techniques in Virology</td>
</tr>
<tr>
<td>13.30-14.30</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>14.30-16.10</td>
<td>Oral Presentations</td>
</tr>
<tr>
<td>14.30-16.10</td>
<td>Innovations in Veterinary Microbiology</td>
</tr>
<tr>
<td>14.30-16.10</td>
<td>Melioration in Mycology &amp; Phycology</td>
</tr>
<tr>
<td>14.30-16.10</td>
<td>Enumeration of Environmental Microbiology</td>
</tr>
<tr>
<td>16.10-16.30</td>
<td>Coffee/Tea Break</td>
</tr>
<tr>
<td>16.10-16.30</td>
<td>Oral Presentations</td>
</tr>
<tr>
<td>16.10-16.30</td>
<td>Improvements in Agricultural Microbiology</td>
</tr>
<tr>
<td>16.10-16.30</td>
<td>Flora in Soil &amp; Water Microbiology</td>
</tr>
<tr>
<td>16.10-16.30</td>
<td>Current Trends in Microbiology</td>
</tr>
<tr>
<td>16.30-18.00</td>
<td>Networking &amp; Panel Discussion</td>
</tr>
</tbody>
</table>
### Day 2

#### Morning Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.00-09.30</td>
<td>Keynote Presentation 01</td>
</tr>
<tr>
<td>09.30-10.00</td>
<td>Keynote Presentation 02</td>
</tr>
<tr>
<td>10.00-10.30</td>
<td>Keynote Presentation 03</td>
</tr>
<tr>
<td>10.30-11.00</td>
<td>Keynote Presentation 04</td>
</tr>
</tbody>
</table>

**Coffee/Tea Break 11.00-11.20 (Networking)**

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.20-11.50</td>
<td>Keynote Presentation 05</td>
</tr>
<tr>
<td>11.50-12.20</td>
<td>Keynote Presentation 06</td>
</tr>
<tr>
<td>12.20-12.50</td>
<td>Keynote Presentation 07</td>
</tr>
</tbody>
</table>

#### Workshop

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.50-13.30</td>
<td>Dr. Joachim Wink, Helmholtz Centre for Infection Research, Germany</td>
</tr>
</tbody>
</table>

#### Panel Discussion

**Workshop Slots Available: 01***

#### Lunch Break 13.30-14.30

#### Speaker Sessions

**Speaker Forum Slots Available***

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.30-15.30</td>
<td>Industrial &amp; Food Microbiology</td>
</tr>
<tr>
<td></td>
<td>Pure Microbiology &amp; Microbes World</td>
</tr>
<tr>
<td></td>
<td>Microbial Immunology &amp; Infection Control</td>
</tr>
<tr>
<td>15.30-16.30</td>
<td>Medical &amp; Molecular Microbiology</td>
</tr>
<tr>
<td></td>
<td>Vaccines &amp; Anti-Microbials</td>
</tr>
</tbody>
</table>

**Coffee/Tea Break 16.30-16.50 (Networking)**

#### Young Research Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.50 -17.50</td>
<td>Young Research Forum (3 Slots Available)***</td>
</tr>
</tbody>
</table>

#### Poster Presentations

**Poster Presentation Slots : 15 Available***

#### Closing Ceremony & Networking

For further Details: Send us an email at-
euromicrobiology@conferenceseries.net
microbiology@microbiologyconferences.com
microbiology@microbiologyconferences.org
Glimpses of Microbiology Conferences
Major Scientific Sessions

- Bacteriology
- Virology
- Veterinary Microbiology
- Environmental Microbiology
- Agricultural Microbiology
- Soil & Water Microbiology
- Industrial & Food Microbiology
- Pure Microbiology & Microbes World
- Mycology & Phycology
- Nematology & Proto-Zoology
- Medical Parasitology
- Microbial Identification & Physiology
- Medical & Molecular Microbiology
- Microbial Immunology & Infection Control
- Current Trends in Microbiology
- Vaccines & Anti-Microbials

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
euromicrobiology@conferenceseries.net

Conference Venue
Dublin, Ireland

Contact us
America: Conference Series LLC
Microbiology 2017
2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417,
Toll free: +1-800-216-6499
Email: euromicrobiology@conferenceseries.net

Contact us
UK: Conference Series LLC
Microbiology 2017
Kemp House, 152 City Road, London EC1V 2NX, UK
Tel: +1-800-216-6499
Email: euromicrobiology@conferenceseries.net

Contact us
Asia-Pacific: Conference Series LLC
Microbiology 2017
Divyasree Building, Raidurg
6th Floor, North Block
Hyderabad 500032, INDIA
Tel: 040-33432309
Email: microbiology@microbiologyconferences.com
Best Tourist Destinations in Dublin

- Croke Park Museum
- Dublin Castle
- Dublin Writers Museum
- National Leprechaun Museum
- Guinness Storehouse
- OLD JAMESON DISTILLERY
- Spire-of-Dublin
- St Patrick's Cathedral
- The temple Bar
Dublin is alive with events all around the year and offers numerous experiences across the city- both North & South of River Liffey. In September, the events in Dublin are exciting and welcoming. We have Dublin Fashion Festival, with over 250 retailers, restaurants, labels, bars and artists, this one event is a never-to-miss event, held annually. With a Lisdoonvarna Matchmaker Festival, going to held from August to October, one simply cannot miss the chance to meet one’s soul mate, at this non-stop merrymaking event & The Fringe Festival, which is the largest growing cultural event in the Island, which is highly experimental, unique and innovative; it is a place where, artists challenge, subvert and invigorate their disciplines and practice. We then have the Clifden Arts Festival 2017, a 10-day event, which marks its 40th anniversary in 2017. Well, Dublin also has something to offer to all the musicians out there- Clonakilty International Guitar Festival 2017! For a great week, where you want to get lost in the mesmerizing beauty of Dublin, you simply cannot miss the Irish Hot Air Balloon Championships 2017 at Waterford. This event is not only for balloon enthusiasts, but it is for everyone- photographers, book lovers, travel lovers, adventure lovers, and what better place to spend time with your loved one, than a hot air balloon over Waterford? And, the most exciting and the largest, not only in Ireland, rather, it is largest outdoor event in Europe, “The National Ploughing Championships” which is quite incredible to watch and draws the largest crowds ever seen. Now, something for the foodies, the original & Ireland’s longest running food festival, Galway International Oyster Festival 2017 is something that one needs to wind up the weekend in some great company- and what’s a food festival without Music? It’s Ireland, and there is always music everywhere. For literature enthusiasts, there is the Patrick Kavanagh Weekend 2017 which is the poem fest- with numerous poets coming over for workshops, talks, discussions and poem readings. If there is one event, one shouldn’t miss in Ireland, it is this!
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

Keynote Forum

**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: *Carbapenem-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*
Rocio 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 Sao 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 Sao 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.  
Maria Soledad Gutiérrez, Universidad de Chile, Chile

**MB-11**  
Title: Bacterial contamination of used manual toothbrushes and effects of toothpastes on isolated potential pathogens  
Rana Abdullah Al-aq, University of Sheffield, UK

**MB-12**  
Title: Biomineralization of platinum by microorganisms  
Sahar Shar, RMIT University, Victoria, Australia

**MB-13**  
Title: Analysis of triatomine midgut bacterial diversity, insect vectors of chagas disease by next generation sequencing methods (NGS)  
Luisa Maria Montoya-Porras, National University of Colombia, Colombia

**MB-14**  
Title: Design of a bacterial inoculants for phytoremediation of heavy metals in contaminated estuaries  
Karina Paredes Paliz, Universidad de Sevilla, Spain

**MB-15**  
Title: Comparative genomic analysis reveals environment and habitat specific gene diversity within genus Novosphingobium  
Roshan Kumar, University of Delhi, India

**MB-16**  
Title: Synthesis and degradation of Ms1 in Mycobacterium smegmatis  
Martina Janouskova, Czech Academy of Sciences, Czech Republic

**MB-17**  
Title: Effect of toxicity of monocyclic aromatic hydrocarbons, BTX in insolated strains of Laguna Mecoacan, Paraiso, Tabasco, Mexico

**MB-18**  
Title: The phenotypic detection of carbapenem resistant organisms in orthopedic wound infections in Ile-Ife  
Anthony Onipede, Obafemi Awolowo University, Nigeria

**MB-19**  
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

---

**Microbiology**

September 28-30, 2017   London, UK

e-mail: euromicrobiology@conferenceseries.net; microbiology@microbiologyconferences.org

Website: microbiology.conferenceseries.com/europe/