



International Conference and Expo on

# MICROBIOLOGY

November 18-19, 2019 | Barcelona, Spain

**Coalesce Research Group**

33 Market Point Dr,  
Greenville, SC 29607, USA

**Contact Us:**

+1-718-543-9362

[contact@coalesceresearchgroup.com](mailto:contact@coalesceresearchgroup.com)

# Scientific Program

International Conference and Expo on

# Microbiology

**Monday**  
**NOV 18, 2019**

**Hall: Jujol B**

08:30 - 09:00 Registrations

09:00 - 09:30 Introduction

## Keynote Forum

09:30 - 10:15 Title: Closing the gap in sepsis diagnostics  
**Tino Alavie**, Qvella Corporation, Canada

## Plenary Sessions

10:15 - 10:55 Title: Human milk oligosaccharides: Antibiofilm activity against pathogens isolated from cystic fibrosis patients  
**Gabriela Oledzka**, Medical University of Warsaw, Poland

Group Photo (10:55 - 11:00)

Networking & Refreshment-Foyer (11:00 - 11:20)

11:20 - 12:00 Title: New horizons in regulation of new technologies for veterinary vaccines  
**Javier Martinez de Velasco Hernandez**, Spanish Medicinal Products Agency, Spain

## Sessions

**Bacteriology, Bacterial Pathogens and Associated disease | Virology, Viral Pathogens and Associated Diseases**

12:00 - 12:30 Title: A high mutation rate underpins the rapid acquisition of multidrug resistance among Lineage 4 Haarlem genotype epidemic strains, Northern Tunisia  
**Helmi Mardassi**, University of Tunis El Manar, Tunisia

12:30 - 13:00 Title: Defining the possible natural habitat of *Acinetobacter baumannii* outside hospitals  
**Jasna Hrenovic**, University of Zagreb, Croatia

13:00 - 13:30 Title: Virulence genes *rib* and *bca* in serotypes of Group B streptococcus (GBS) isolated from symptomatic pregnant women in tertiary care hospital in East Coast Malaysia (61587)  
**Mohammed Imad A. MIA Mustafa Mahmud**, International Islamic University Malaysia, Malaysia

Lunch @ Foyer (13:30 - 14:30)

14:30 - 15:00 Title: Mimivirus on a bad hair day  
**Yael Fridmann Sirkis**, Weizmann Institute of Science, Israel

## Keynote Talk

15:00 - 15:45 Title:  $\mu$ Aqua: Microarrays to detect cyanobacteria and their toxins  
**Medlin, L. K.**, Marine Biological Association of the United Kingdom, United Kingdom

## Sessions

**Applied Science and Environmental Science | Aquatic & Marine Microbiology**

15:45 - 16:15 Title: Comparative study of biological activities of some heterocyclic compounds derived from spiro-isoxazoline, triazole, tetrazole, pyrazole and tryptophan  
**Anouar Alami**, Sidi Mohammed Ben Abdellah University, Morocco

16:15 - 16:45 Title: New concentration methodology for the quantitative detection of viruses in a drinking water large system  
**Gemma Saucedo Pages**, Aigues de Barcelona, Spain

# Scientific Program

International Conference and Expo on

# Microbiology

**Monday**  
**NOV 18, 2019**

## Networking & Refreshments-Foyer (16:45 - 17:15)

17:15 - 17:45 Title: Cyanobacterial lipopolysaccharide pro-inflammatory potency can be underestimated by standard endotoxin test

**L. Sindlerova**, Academy of Sciences of the Czech Republic, Czech Republic

17:45 - 18:15 Title: Sub-lethal combined effects of illicit drug and decreased pH on marine mussels: A short-time exposure to crack cocaine in CO<sub>2</sub> enrichment scenarios

**Camilo Dias Seabra Pereira**, Federal University of Sao Paulo, Brazil

End of Day 1

# Scientific Program

International Conference and Expo on

# Microbiology

**Tuesday**  
**NOV 19, 2019**

**Hall: Jujol B**

09:50 - 10:00 Introduction

## Plenary Sessions

10:00 - 10:40 Title: Understanding and harnessing the power of beneficial bacteria for sustainable agriculture and environment  
**Ze - Chun Yuan, University of Western Ontario, Canada**

## Networking & Refreshments-Foyer (10:40 - 11:00 )

11:00 - 11:40 Title: Investigation of a physicochemical association between various saccharide and nanoparticles during freeze-drying  
**Seitaro Kamiya, Nagasaki international University, Japan**

11:40 - 12:20 Title: Growth of an anaerobic sulfate-reducing bacterium sustained by oxygen respiratory energy conservation after O<sub>2</sub>-driven experimental evolution  
**Alain Dolla, Mediterranean Institute of Oceanology, Aix-Marseille University, France**

## Video Presentation

12:20 - 12:30 Title: Effects of Arginine supplementation on antler growth, serum biochemical indices and rumen bacteria community of sika deer (*Cervus nippon*)  
**Zhipeng Li, Chinese Academy of Agricultural Sciences, China**

## Poster Presentations (14:40-15:10)

Poster Judge: **Jasna Hrenovic, University of Zagreb, Croatia**

MB001 Title: Study of the interaction between recombinant, shelterin proteins and telomeric DNA  
**Agnieszka Zylicz-Stachula, University of Gdansk, Poland**

MB002 Title: Lack of vitamin B12 synthesis in *Mycobacterium tuberculosis* grown under various conditions  
**Alina Minias, Polish Academy of Sciences, Poland**

MB003 Title: Population structure and patterns of genetic variation in a pearl oyster *Pinctada radiata* native to the Arabian Gulf  
**Amal Mohammed Al-Saadi, Ministry of Municipal and Environment Doha, Qatar**

MB004 Title: The mycobacterial RadA and DisA proteins could participate in repair of DNA damages  
**Anna Brzostek, Polish Academy of Sciences, Poland**

MB005 Title: Investigation of natural *Saccharomyces* hybrids from a Hungarian vineyard  
**Annamaria Gerocs, National Agricultural Research and Innovation Centre, Hungary**

MB006 Title: Evolution and spread of tetracycline resistance in *Mycoplasma hominis* Tunisian strains  
**Boutheina Ben Abdelmoumen Mardassi, University of Tunis El Manar, Tunisia**

MB007 Title: The contribution of MSMEG4305 protein in vitamin B12 biosynthesis in *Mycobacterium smegmatis*  
**Bozena Czubat, Polish Academy of Sciences, Poland**

MB008 Title: Thermophilic bacteriophage TP - 84 endolysin identification, isolation, characterization and molecular gene cloning as well as its potential application in biotechnology  
**Joanna Zebrowska, University of Gdansk, Poland**

# Scientific Program

International Conference and Expo on

# Microbiology

**Tuesday**  
**NOV 19, 2019**

MB009	Title: Fabrication of symbiotic multicellular assemblies by using a novel "gel layer-by-gel layer" technique <b>Reem Al-Haidose</b> , Ministry of Municipal and Environment Doha, Qatar
MB0010	Title: Investigation of lactic acid bacteria isolated from the gastrointestinal tract of wild boars <b>Tibor Keresztesy</b> , National Agricultural Research and Innovation Centre, Hungary
MB0011	Title: Comparative analysis of <i>Shewanella xiamenensis</i> LC6 transcriptome during degradation of two azo dyes <b>Mormontoy Carlo</b> , National University of San Marcos, Peru
MB0012	Title: Physiological and genomic approaches of <i>Shewanella algae</i> and <i>Shewanella xiamenensis</i> in decolorization of azo and antraquinones dyes <b>Lizarraga Wendy</b> , National University of San Marcos, Peru
MB0013	Title: Comparison of eight methods for metagenomic DNA extraction suitable for next generation sequencing (NGS) technologies using <i>in vitro</i> colonic fermentation samples <b>Víctor Manuel Ruíz-Valdiviezo</b> , Tuxtla Gutierrez Institute of Technology, Mexico
MB0014	Title: Efficient Enrichment of prokaryotic RNA from active volcano samples: lab-lake culture system <b>Víctor Manuel Ruíz-Valdiviezo</b> , Tuxtla Gutierrez Institute of Technology, Mexico

Lunch @ Foyer (13:30 - 14:30)

Panel Discussion - Awards & Closing Ceremony

End of Day 2



**Coalesce Research Group LLC**

33 Market Point Dr,  
Greenville, SC 29607, USA

**Phone:** +1-718-543-9362

**WhatsApp:** +1-315-902-2237

**Contact Us:**

[info@coalesceresearchgroup.com](mailto:info@coalesceresearchgroup.com)

[contact@coalesceresearchgroup.com](mailto:contact@coalesceresearchgroup.com)

[sponsors@coalesceresearchgroup.com](mailto:sponsors@coalesceresearchgroup.com)

**Website:**

[www.coalesceresearchgroup.com](http://www.coalesceresearchgroup.com)