

Scientific Program

13th International Conference on
**Microbial Interactions
& Microbial Ecology**

July 19-20, 2018 | Rome, Italy

UK: Conference Series Ilc LTD
47 Churchfield Road, London, W3 6AY
Toll Free: +0-800-014-8923

Day-1

July 19, 2018

09:30 - 09:45 Registrations

Opening Ceremony

09:45 - 10:00

Olimpica 1

KEYNOTE FORUM

Introduction

10:00-10:40 **Title:** *Vitis vinifera* rhizosphere microbiome characterization using metagenomic and metaproteomic approaches
Elisa Bona, Università del Piemonte Orientale, Italy

10:40-11:20 **Title:** New insights into Nod factor biosynthesis through CO and LCO analyses
Verena Hauke Poinso, University of Toulouse, France

GROUP PHOTO (11:20-11:30)

Networking & Refreshments 11:30-11:45 @ Foyer

Sessions: Microbial Interactions | Microbial Ecology | Host-pathogen interaction | Bioremediation | Microbiology & Infectious Diseases | Microbial Communities | Microbial Biotechnology

Chair: Verena Hauke Poinso, University of Toulouse, France

Co-Chair: Elisa Bona, Università del Piemonte Orientale, Italy

INTRODUCTION

11:45-12:15 **Title:** Factors affecting the decision concerning influenza vaccination among students of the Military University of Technology in Warsaw/Poland in the last two epidemic seasons
Agnieszka Woźniak Kosek, Military Institute of Medicine, Poland

12:15-12:45 **Title:** Dynamics of microflora in the process of composting organic waste and bioplastics
Bilyana Grigorova Pesheva, University of Forestry, Bulgaria

12:45-13:15 **Title:** Isolation and Characterization of Outer Membrane Vesicles from *Novosphingobium* sp. PP1Y: a novel biotechnological tool for biocatalysis and drug delivery?
Viviana Izzo, University of Salerno, Italy

Lunch Break 13:15-14:00 @ Hotel Restaurant

14:00-14:30 **Title:** Exploring AM fungal community associated to *Vitis vinifera* cv. Pinot Nero treated with integrated pest managements using a metagenomics approach
Patrizia Cesaro, Università Piemonte Orientale, Italy

14:30 - 15:00 **Title:** Inoculation with soil beneficial microorganism improve fruit quality and production in strawberry plant
Valeria Todeschini, University of Piemonte Orientale, Italy

15:00 - 15:30 **Title: Application of soil microorganisms for the improvement of bean seed yield and quality in conditions of reduced fertilization**
Nadia Massa, University of Piemonte Orientale, Italy

Networking & Refreshments 15:30-15:50 @ Foyer

15:50-16:30 **Title: Isolation and identification of palm oil and soybean oil degrading bacteria from bio extract**
Nahid Esmaeili, Assumption University, Thailand

16:30 -17:00 **Title: The airway microbiome in cystic fibrosis: where are we now?**
Annamaria Bevivino, Italian National Agency for New Technologies, Italy

17:00-17:30 **Title: Staphylococcal population in lanhouin: potential indigenous starter?**
Anihouvi Victor, University of Abomey Calavi, Benin

17:30-18:00 **Title: Microbe -Human Interaction**
Kaneez Fatima, Kazim Memorial Amaan Hospital (A multi-speciality centre), India

PANEL DISCUSSION

Day-2

July 20, 2018

Meeting Hall: Olimpica 1

POSTER PRESENTATIONS 10:00-11:00 (MI-01-MI-05) @ FOYER

Poster Judge: Verena Hauke Poinot, University of Toulouse, France

INTRODUCTION

MI-01 **Title: Determination of structural biodiversity and functional and metabolic profiles in soil under long-term maize monoculture**
Anna Gałazka, Institute of Soil Science and Plant Cultivation State Research Institute, Poland

MI-02 **Title: The genetic and functional diversity of bacterial community in soils contaminated with crude oil**
Anna Gałazka, Institute of Soil Science and Plant Cultivation State Research Institute, Poland

MI-03 **Title: Competence development and natural transformation in *Micrococcus luteus***
Antoni Lichev, Technical University of Munich, Germany

MI-04 **Title: Seed-borne bacterium interacts with air-borne fungus in rice fields**
Jungkwan Lee, Dong-A University, Republic of Korea

MI-05 **Title: Rubber Gloves Biodegradation by a Natural Soil Consortium**
Kamontam Umsakul, Prince of Songkla University, Thailand

Networking & Refreshments 11:00-11:15 @ Foyer

POSTER PRESENTATIONS 11:15–12:15 (MI–06–MI–11) @ FOYER

MI-06 **Title: Analysis of functional and structural microbial diversity of *Paulownia spp.* leaves**
Małgorzata Woźniak, Institute of Soil Science and Plant Cultivation State Research Institute, Poland

MI-07 **Title: Bacterial endophytes in crops molecular identification and biodiversity**
Małgorzata Woźniak, Institute of Soil Science and Plant Cultivation State Research Institute, Poland

MI-08 **Title: Interactions of nitrogen fixing bacterium *Gluconacetobacter diazotrophicus* with rhizosphere micro-organisms associated with Tomato**
Martina Franchini, University of Nottingham, UK

MI-09 **Title: Growth-based selection of glycoside hydrolases in the extreme thermophile *Thermus thermophilus***
Matthias Moerch, Technische Universität München, Germany

MI-10 **Title: Detection of genes encoding cell wall-associated proteins in *Staphylococcus pseudintermedius* isolates from dogs, humans, and the environment**
Nathita Phumthanakorn, Chulalongkorn University, Thailand

MI-11 **Title: Protective Effect of Exopolysaccharides Produced by *Lactobacillus plantarum* LRCC5310 on Rotavirus-Induced Diarrhea and Safety Assessment in Mice**
Miri Park, Chung-Ang University, South Korea

Lunch Break 12:15-13:00 @ Hotel Restaurant

PANEL DISCUSSION

Awards & Closing Ceremony