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Scientific Program

5TH WORLD CONGRESS ON

MICROBIAL BIOTECHNOLOGY 2018

SEPTEMBER 17-18, 2018 | LISBON, PORTUGAL



MICROBIAL BIOTECHNOLOGY 2018

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Scientific Program

Registrations
08:30-09:30

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Opening Ceremony
09:30-09:55

Day 1 September 17, 2018

Hall

Keynote Forum

09:55-10:00 Introduction

10:00-10:40 Title: The Perfect Serodiagnostic Target: Trichomonas vaginalis STD as Model

John F. Alderete, Washington State University, USA

10:40-11:20 Title: The capric acid from Saccharomyces boulardii as an antifungal agent: a mechanism study

Anna Krasowska, University of Wroclaw, Poland

Group Photo

Networking and Refreshments Break: 11:20-11:40

Sessions: Microbial Biotechnology | Pharmaceutical Microbiology | Environmental Microbiology | Industrial Microbiology | Microbial Insecticides | Protein Engineering and Enzymology | Fermentation Technology | Microbial Nanotechnology | Strain Improvement | Plant Biotechnology

Session Introduction

11:40-12:10 Title:Recycling waste CO2 to valuable resources through microbial electrosynthesis

Pascal E. Saikaly, King Abdullah University of Science and Technology, Saudi Arabia

12:10-12:40 Title: Actinobacteria from forest ecosystems of India: Antimicrobial and biosynthetic potential for polyketides and nonribosomal peptides discovery

Priyanka Sharma, International Centre For Genetic Engineering And Biotechnology, India

12:40-13:10 Title: Inhibiting the activity of human serious pathogenic bacteria using crude saps of plants growing in Palestine

Hazem Sawalha, Arab American University, Palestine

Lunch Break: 13:10-14:10

14:10-14:40 Title: New antifungal designed by biotechnology and bioinformatics approaches

Terezinha I. E. Svidzinski, Medical Mycology Laboratory - UEM/Brazil

Sessions: Microbial Genetics | Advancement in Medical Microbiology | Biosafety and Biosecurity | Bioinformatics | Agricultural Microbiology | Therapeutic Protein | Food Microbiology | Animal Microbiology | Marine Microbiology | Microbial Biofilm | Biolaw

Session Introduction

14:40-15:10 Title: Let's Quench the Quorum; Indigenous Microbial Flora with Quorum Sensing Inhibition Potential

Fazal Adnan, National University of Sciences and Technology (NUST), Pakistan

15:10-15:40 Title: Key areas of modern society

Simon Raymond, Alumnus of Melbourne University, Australia

Networking and Refreshments Break: 15:40-16:00

16:00-16:30	**Title: Salt tolerance ability of coliform bacteria in Hooghly estuary, West Bengal, India** **Subhajit Das,** University of Calcutta, India
16:30-17:00	**Title: Used to 16-plex PCR to detected Diarrhoeagenic Escherichia coli in patients with diarrhoea in Ouagadougou, Burkina Faso** **Namwin Somda,** University of Ouagadougou, Burkina Faso
17:00-17:30	**Title: Genetic Diversity of Ochratoxigenic Aspergillus Section Nigri, Using RAPD AND VCG Techniques** **Benjamin Thomas,** Olabisi Onabanjo University, Nigeria

B2B Meetings & Panel Discussions

Day 2 September 18, 2018

Hall

Keynote Forum

09:55-10:00	**Introduction**
10:00-10:40	**Title: The biorefinery based on biotransformation by Bacillus subtilis of meal from oilseeds** **Marcin Lukaszewicz,** University of Wroclaw, Poland
10:40-11:20	**Title: Species-specificity and Chemotaxonomic Application of Secondary Metabolites in Tropical Marine Cyanobacteria** **Falguni Paul,** General Microbiology Laboratory, USA

Networking and Refreshments Break: 11:20-11:40

Young Scientist Fourm

11:40-12:05	**Title: Evaluation of antimicrobial peptides in fermented breast milk** **Diana Martinez,** Autonomous University of San Luis Potosi, Mexico
12:05-12:30	**Title: Reduction of selenite to selenium using bacteria isolated from polluted areas** **Saima Javed,** University of the Punjab, Pakistan

Lunch Break : 12:30-13:30

13:30-13:55	**Title: Characterization of endophytic Streptomyces from cocoyam (Xanthosoma sagittifolium L. Schott) roots, their antagonistic activities and plant growth promoting effects on cocoyam tissue culture plantlets** **P.F. Kouomou Djuidje,** The Biotechnology Centre, Cameroon
13:55-14:20	**Title: Adapted fertilization strategies as a tool for efficient use of microbial inoculants for plant growth-promotion** **I. K. Mpanga,** University of Hohenheim, Germany

Poster Presentation

WCMB-001	**Title: Study on the Fermentation Process of Dalesconols A and Dalesconols B by Marine-Derived Fungus** **Xingchen Wei,** East China University of Science and Technology, China
WCMB-002	**Title: TIS (Transposon Insertion Sequencing) identified a novel horizontal transfer NAP (nucleoid associated protein) regulating** **Ruiqing Ma,** East China University of Science and Technology, China
WCMB-003	**Title: Evaluation of faecal indicator bacteria in a National Park river to asses human impact on the conservation of a protected area** **Blanca Perez-Uz,** Complutense University of Madrid, Spain

WCMB-004

Title: Optimization of confocal microscopy for visualization and quantification of yeast biofilm

Jana Smolova, Dairy Research Institute, Czech Republic

WCMB-005

Title: Fortification of dairy products with vitamin D3 and calcium and its influence on dairy microorganisms

Sarka Havlikova, Dairy Research Institute, Czech Republic

WCMB-006

Title: Production of poly-3-hydroxybutyrate and oxygen transfer characterization by Azotobacter vinelandii in a 30-L bioreactor BiographyAbst

Andres Perez, Pontificia Universidad Catolica de Valparaiso, Chile

WCMB-007

Title: Bacteriophages for prevention and treatment of Salmonella infection in poultry

Tarasi Gabisonia, G. Eliava Institute of Bacteriophage, Microbiology and Virology, Georgia

WCMB-008

Title: Bacteriophages for Decontamination of Artificially Contaminated Chicken Meat

Manana Loladze, G. Eliava Institute of Bacteriophage, Microbiology and Virology, Georgia

WCMB-009

Title: Application of a γ-polyglutamic acid flocculant to water treatment

Valquiria Campos, UNESP, Brazil

WCMB-010

Title: Chitinase production from Paenibacillus sp. BISR-047 utilizing seafood waste as substrate under solid-state fermentation

Saavi Pradhan, Birla Institute of Scientific Research, India

Networking and Refreshments Break

Award and Closing Ceremony

B2B Meetings & Panel Discussions

