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5TH WORLD CONGRESS ON

MICROBIAL BIOTECHNOLOGY

SEPTEMBER 17-18, 2018 | LISBON, PORTUGAL



Pulsus Group

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Day 1

Sylt 3

08:30-09:30 **Registrations**

09:30-10:00 **Opening Ceremony**

Keynote Forum

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: Bacterial drug resistance: where do we stand?
Dilip N Zaveri, Biocare Research India, India

Refreshments and Networking Break @ SANA Malhoa Hotel: 11:20-11:40

Session Introduction: Microbial Biotechnology | Pharmaceutical Microbiology | Environmental Microbiology

11:40-12:10
Title: The capric acid from Saccharomyces boulardii as an antifungal agent: a mechanism study
Anna Krasowska, University of Wroclaw, Poland

12:10-12:40
Title:Recycling waste CO_2 to valuable resources through microbial electrosynthesis
Pascal E. Saikaly, King Abdullah University of Science and Technology, KSA

12:40-13:10
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

Lunch Break @ SANA Malhoa Hotel: 13:10-14:10

14:10-14:40
Title: Inhibiting the activity of human serious pathogenic bacteria using crude saps of plants growing in Palestine
Hazem Sawalha, Arab American University, Palestine

14:40-15:10
Title: New antifungal designed by biotechnology and bioinformatics approaches
Terezinha I. E. Svidzinski, Medical Mycology Laboratory, Brazil

Session Introduction: Microbial Genetics | Marine Microbiology | Microbial Biofilm | Biolaw | Vaccine Design and Development

15:10-15:40
Title: Let's quench the quorum; indigenous microbial flora with quorum sensing inhibition potential
Fazal Adnan, National University of Sciences and Technology, Pakistan

15:40-16:10
Title: Key areas of modern society
Simon Raymond, University of Melbourne, Australia

Refreshments and Networking Break @SANA Malhoa Hotel: 16:10-16:30

16:30-17:00
Title: Salt tolerance ability of coliform bacteria in Hooghly estuary, West Bengal, India
Subhajit Das, University of Calcutta, India

17:00-17:30
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

17:30-18:00
Title: Genetic diversity of *Ochratoxigenic Aspergillus* **section Nigri, using RAPD AND VCG techniques**
Benjamin Thomas, Olabisi Onabanjo University, Nigeria

B2B Meetings & Networking

Day 2

Sylt 3

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

10:40-11:10	**Title: Diversity of microbial communities associated with mercury contamination in the Colombia's Amazon region** **Gladys Cardona,** Sinchi Amazonic Institute of Scientific Research, Colombia
	Refreshments and Networking Break @ SANA Malhoa Hotel: 11:10-11:30
11:30-12:00	**Title: Quantification of functional genes associated with microbial transformations of mercury in Colombia Amazon ecosystems** **Maria Camila Escobar,** Sinchi Amazonic Institute of Scientific Research, Colombia
12:00-12:30	**Title: Isolation and screening of dye decolorizing bacteria from industrial effluent** **Padma Singh,** Gurukul Kangri University, India
12:30-13:00	**Title: Species-specificity and chemotaxonomic application of secondary metabolites in tropical marine cyanobacteria** **Falguni Paul,** General Microbiology Laboratory, USA
	Lunch Break @ SANA Malhoa Hotel: 13:00-14:00
	Young Researcher's Forum
14:00-14:25	**Title: Evaluation of antimicrobial peptides in fermented breast milk** **Diana Martinez,** Autonomous University of San Luis Potosi, Mexico
14:25-14:45	**Title: Reduction of selenite to selenium using bacteria isolated from polluted areas** **Saima Javed,** University of the Punjab, Pakistan
14:45-15:10	**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
15:10-15:35	**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: Predatory activities of ciliates and their potential capacity to eliminate faecal indicator bacteria in natural environments** **Blanca Perez-Uz,** Complutense University of Madrid, Spain
WCMB-005	**Title: Optimization of confocal microscopy for visualization and quantification of yeast biofilm** **Jana Smolova,** Dairy Research Institute, Czech Republic
WCMB-006	**Title: Fortification of dairy products with vitamin D3 and calcium and its influence on dairy microorganisms** **Sarka Havlikova,** Dairy Research Institute, Czech Republic
WCMB-007	**Title: Production of poly-3-hydroxybutyrate and oxygen transfer characterization by** *Azotobacter vinelandii* **in a 30-L bioreactor** **Andres Perez,** Pontificia Universidad Catolica de Valparaiso, Chile
WCMB-008	**Title: Bacteriophages for prevention and treatment of** *Salmonella* **infection in poultry** **Tarasi Gabisonia,** Eliava Institute, Georgia
WCMB-009	**Title: Bacteriophages for decontamination of artificially contaminated chicken meat** **Manana Loladze,** Eliava Institute, Georgia
WCMB-010	**Title: Application of gamma polyglutamic acid flocculant to water treatment** **Valquiria Campos,** Sao Paulo State University, Brazil
WCMB-011	**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

Refreshments and Networking Break @ SANA Malhoa Hotel

Award and Closing Ceremony

B2B Meetings & Panel Discussions

