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5TH WORLD CONGRESS ON

MICROBIAL BIOTECHNOLOGY &VACCINE DESIGN

SEPTEMBER 17-18, 2018 | LISBON, PORTUGAL



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Scientific Program

Registrations
08:30-09:30

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Opening Ceremony
09:30-10:00

Day 1 September 17, 2018

Belem 1

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 Ltd, India

Group Photo

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

Sessions: Microbial Biotechnology | Pharmaceutical Microbiology | Environmental Microbiology | Microbial Genetics | Marine Microbiology | Microbial Biofilm | Biolaw | Vaccine Design and Development

Session Introduction

Session Chair: Dilip N Zaveri, Biocare Research Ltd, India

Session Co-Chair: Priyanka Sharma, International Centre For Genetic Engineering and Biotechnology, India

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: The biorefinery based on biotransformation by *Bacillus subtilis* of meal from oilseeds**

Marcin Lukaszewicz, University of Wroclaw, Poland

Lunch Break: 12:40-13:30

13:30-14:00 **Title: Shiga toxin-Producing *Escherichia coli* distribution and characterization in a pasture-based cow-calf production system**

Patricia Baltasar, Virginia-Maryland College of Veterinary Medicine, USA

14:00-14:30 **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

14:30-15:00 **Title: Evaluation of antimicrobial peptides in fermented breast milk**

Diana Martinez, Autonomous University of San Luis Potosi, Mexico

Networking and Refreshments Break: 15:00-15:20

Poster Presentations @ 15:20-16:20

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,** Pontifical Catholic University of Valparaiso, Chile
WCMB-008	**Title: Bacteriophages for prevention and treatment of Salmonella infection in poultry** **Tarasi Gabisonia,** G Eliava Institute of Bacteriophage, Microbiology and Virology, Georgia
WCMB-009	**Title: Bacteriophages for decontamination of artificially contaminated chicken meat** **Manana Loladze,** G Eliava Institute of Bacteriophage, Microbiology and Virology, Georgia
WCMB-010	**Title: Escape of genetically modified microorganisms in the food and feed chain: Strategy to support enforcement laboratories** **Marie-Alice Fraiture,** Sciensano, Belgium

Networking and Refreshments Break: @ Foyer

Award and Closing Ceremony

B2B Meetings & Panel Discussions

Day 2 September 18, 2018

Belem 1

10:00-10:30	**Title: Recycling waste CO_2 to valuable resources through microbial electrosynthesis** **Pascal E Saikaly,** King Abdullah University of Science and Technology, KSA
10:30-11:00	**Title: Diversity of microbial communities associated with mercury contamination in the Colombia's Amazon region** **Gladys Cardona,** Sinchi Amazonic Institute of Scientifi Research, Colombia

Networking and Refreshments Break: 11:00-11:20

11:20-11:50	**Title: Application of a β-polyglutamic acid flocculant to water treatment** **Valquiria Campos,** Sao Paulo State University, Brazil
11:50-12:20	**Title: Let's quench the quorum: Indigenous microbial flora with quorum sensing inhibition potential** **Fazal Adnan,** Atta ur Rahman School of Applied Biosciences, Pakistan

Panel Discussions

Lunch Break: 12:30-13:30