

Scientific Program

Day 1 August 10, 2015

09:30-10:00 Registrations

Hall 1



10:00-10:15

Opening Ceremony

Keynote Forum

10:15-10:30 **Introduction**

10:30-10:55 **Nikolai Zhelev**

Abertay University, United Kingdom

Coffee Break 10:55-11:15

11:15-11:40 **Lew P. Christopher**

Lakehead University, Canada

11:40-11:50

Group Photo

Track 1: Biotechnology and its applications

Track 3: Microbial and biochemical Technology

Track 5: Food processing, functional foods and health

Track 6: Biotechnology and Pharmaceutical industry

Track 9: Environmental biotechnology

Track 10: Biotechnology in Healthcare Industry

Session Chair: Mikael Bjerg Caspersen, Novozymes Biopharma, UK

Session Co-Chair: Diego A Nieto Monteros, Universidad Tecnica Particular de Loja, Ecuador

Session Introduction

11:50-12:15 **Title: Veltis®: Innovative albumin based technology for half-life extension and optimization of biotherapeutics**
Mikael Bjerg Caspersen, Novozymes Biopharma, UK

12:15-12:40 **Title: Dynamic modelling and optimization of biohydrogen production**
Dongda Zhang, University of Cambridge, UK

12:40-13:05 **Title: The potential of Parkia biglobosa in agrochemical and allied industries**
Uyoh Edak Aniedi, University of Calabar, Nigeria

Lunch Break 13:05-13:50

13:50-14:15 **Title: Potential of selected spice and medicinal plants in Southern Nigeria as raw materials for food and drug industries**
Edak A Uyoh, University of Calabar, Nigeria

14:15-14:40 **Title: Molecular and morphological markers reveal exploitable diversity in soursop (Annona muricata L)**
Nneka Constance Ogbonna, University of Calabar, Nigeria

14:40-15:05 **Title: Antagonist Streptomyces exfoliatus MT9 as biocontrol agent against fruit-rotting fungi**
Bharti Choudhary, Guru Gobind Singh Indraprastha University, India

15:05-15:25 **Panel Discussion**

Coffee Break 15:25-15:45

Workshop

15:45-16:45 **Title: Chemical and biological treatment of effluents containing cyanide from a gold mine**
Diego A Nieto Monteros, Universidad Tecnica Particular de Loja, Ecuador

Keynote Forum

10:00-10:25 **J Li**

University of Guelph, Canada

Track 9: Environmental biotechnology

Track-10: Biotechnology in Healthcare Industry

Track 16: Industrial Microbiology and Enzyme Technology

Session Chair: J Li, University of Guelph, Canada

Session Co-Chair: T. B. Karegoudar, Gulbarga University, India

Session Introduction

10:25-10:50 **Title: Improving organophosphate-hydrolyzing activity of human paraoxonase 1 by mutagenesis approach**
Rajan K Tripathy, National Institute of Pharmaceutical Education and Research, India

Coffee Break 10:50-11:10

11:10-12:10 **Title: Purification and Characterization of amidase from Paracoccus sp. SKG: Utilization of amidase inhibited whole cells for bioconversion of acrylonitrile to acrylamide**
T. B. Karegoudar, Gulbarga University, India

12:10-13:10 **Title: Nutrigenetics and metabolic diseases: Towards personalized nutrition**
Vimal Karani S, University of Reading, UK

Lunch Break 13:10-13:50

13:50-14:15 **Title: Process optimization of bio-ethanol production from cassava peels using different microbial inoculants**
Edak Aniedi Uyoh, University of Calabar, Nigeria

14:15-14:40 **Title: Studies on the microbiology and biogeochemistry of phosphate-rich soils**
Sami A Al Yahya, King Abdulaziz City for Science and Technology, Saudi Arabia

14:40-15:00 Panel Discussion

15:00-16:00 Poster presentations

Title: A novel low cost effective approach towards sustainable biodiesel production from Spingomonas sp. EGY1 DSM 29616

Amira M Embaby, University of Alexandria, Egypt

Title: Probiotic preparation on the basis of lactic acid bacteria for feed additive

Anna Chizhayeva, Kazakh Research Institute of the Processing and Food Industry, Kazakhstan

Title: Starters on the basis of lactic acid bacteria for fermentation of rye and white bread

Amangeldi A A, Kazakh Scientific Research Institute of the Processing and Food Industry, Kazakhstan

Title: Using a photosynthetic bacterium as a biocatalyst for hydrogen production

Ning Xiao, University of Cambridge, UK

Title: Innovative "Omics" technologies for supporting food risk assessment

Margarita Aguilera, University of Granada, Spain

Title: European regulatory framework and guidance for the scientific risk assessment of food/feed products obtained with genetically modified microorganisms

Margarita Aguilera, University of Granada, Spain

16:00-16:30

Poster Award & Closing Ceremony

