



NOVEMBER 18-19
2019
ROME, ITALY

Joint Event Proceedings of
7TH GLOBAL CONFERENCE ON
**APPLIED
MICROBIOLOGY AND
BIOTECHNOLOGY**
&
10TH INTERNATIONAL CONFERENCE ON
**CLINICAL MICROBIOLOGY &
INFECTIOUS DISEASES**

Conference Series

47 Churchfield road, London W3 6AY. +44-203-7690-972

08:30-09:00 Registrations Open

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09:00-09:30

Opening Ceremony

Keynote

- 09:30-10:15** Title: Tailoring enzymes for defined industrial applications by integrating accelerated molecular dynamics simulation, functional sequence space clustering and experimentally guided machine learning.
Henryk M. Kalisz, Enzymes4Biotech Limited, UK
- 10:15-11:00** Title: What have we learned from *in vitro* antimicrobial susceptibility/resistance and time kill measurements and how does such data influence clinical use?
Joseph Blondeau, University of Saskatchewan, Canada

Coffee Break 11:00-11:20@Foyer

Group Photo

- 11:20-12:05** Title: Health hazards of pulp paper mill waste containing residual organic pollutants after secondary treatment and their detoxification by biostimulation process
Ram Chandra, Babasaheb Bhimrao Ambedkar (A Central) University, India
- 12:05-12:50** Title: Rapid diagnostic tests for malaria: 7 year results from a proficiency testing
Jaya Srivastava, Public Health England, UK

Lunch Break 12:50-13:50 @RBG

Sessions: Industrial Microbiology, Microbial Biotechnology and Future Bio industries | Phytochemicals and antimicrobial activity | Microorganisms in Sustainable Agriculture Food, and the Environment | Bioremediation and Biodegradation | Clinical Infections and Vaccines | Environment Biotechnology | Public Health Microbiology | CRISPR & Genetic Engineering | Antibiotic and Antibiotic Resistance | Parasitic Diseases | Bacterial diseases | Parasitic Diseases | Infection Control | Disease Diagnosis and Prevention

Chair: Henryk M. Kalisz, Enzymes4Biotech Limited, UK

Co-Chair: Kitherian Sahayaraj, Crop Protection Research Centre, St. Xavier's College, India

- 13:50-14:20** Title: A 3 year Review of UK NEQAS Parasitology's EQA specimens containing multiple faecal parasites
Agatha Christie Santos Seaz, Public Health England, UK
- 14:20-14:50** Title: Looking back the years of the biotech revolution
Daniele Palmisani, LEO Pharma, Italy
- 14:50-15:20** Title: Microbial oils enriched with carotenoids for cosmetic and nutraceutical applications
Eleonora Carota, Università degli Studi della Tuscia, Italy
- 15:20-15:50** Title: The relationship of parasitic diseases with cancer among children
Mambetova Gulina, Kyrgyz State Medical Academy, kyrgyzstan

Coffee Break 15:50-16:20 @Foyer

- 16:20-16:50** Title: Evaluation of adjuvant effect of BCG along with E7D vaccine for the immunotherapy of tc1 induced cancer in mice model
Mohammad Hossein Yazdi, Tehran University of Medical Sciences, Iran
- 16:50-17:20** Title: Impact of universal surveillance of Tuberculosis Drug Resistance (TB-DR) in Chile
Karla Kohan-Ivani, Instituto de Salud Pública de Chile, Chile
- 17:20-17:50** Title: Isolation and characterization of mesophilic and thermophilic aerobic bacteria from compost
Salamatu Sangaljala Machunga-Mambula, University of Abuja, Nigeria

Panel Discussion

Keynote

- 09:00-09:45** **Title: Filamentous fungi as L-asparaginase producers**
Edvaldo Antonio Ribeiro Rosa, Pontifical Catholic University of Paraná, Brazil
- 09:45-10:30** **Title: Microorganisms for sustainable Tea cultivation in the north east India: Recent advances**
Azariah Babu, Tea Research Association, North Bengal Regional R&D Centre, India
- 10:30-11:15** **Title: Nucleic acid sensors activating innate immune responses**
Akinori Takaoka, Hokkaido University, Japan

Coffee Break 11:15-11:35@Foyer

- 11:35-12:20** **Title: Is only reduction in CD4 count responsible for secondary infections seen in HIV patients ?**
Rajeev Shah, PIMSR, India
- 12:20-13:05** **Title: Seaweeds for cotton phytopathogens management**
Kitherian Sahayaraj, Crop Protection Research Centre, St. Xavier's College, India

Lunch Break 13:05-14:05 @RBC

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Chair: Henryk M. Kalisz, Enzymes4Biotech Limited, UK

Co-Chair: Kitherian Sahayaraj, Crop Protection Research Centre, St. Xavier's College, India

- 14:05-14:35** **Title: Real time susceptibility testing and how close are we to implementing such technology in diagnostic clinical microbiology laboratories?**
Joseph Blondeau, University of Saskatchewan, Canada
- 14:35-15:05** **Title: Influence of nutrient formulations on growth, lipid yield, carbon partitioning and biodiesel quality potential of *Botryococcus* sp. and *Chlorella* sp**
Rashi Vishwakarma, IITD- Indian Institute of Technology, India
- 15:05-15:35** **Title: Effect of return words on the growth and pathogenicity of "*Pseudomonas Aeruginosa*"**
Abhiram Rao, Yashvantrao Chavan Institute of Science, India

Coffee Break 15:35-16:00 @Foyer

16:00-17:30 Posters Session and Networking

- ACM 1** **Title: Pharmacognostical characterization of three medicinal plants**
Jesu Antony Martin Rathi, St. Marys's College, India
- ACM 2** **Title: Antibacterial activity of green synthesized silver nanoparticles and their synergistic effect with carbapenems against Carbapenem-Resistant *Klebsiella Pnuemoniae* (CRKP)**
Aunnada Musikaphan, Prince of Songkla University, Thailand
- ACM 3** **Title: Domestication shapes the gut microbiota of of tench (*Tinca tinca* L.)**
Tomasz Dulski, University of Warmia and Mazury in Olsztyn, Poland
- ACM 4** **Title: Antibacterial alkaloids produced by a marine-derived actinomycete *Nocardioopsis* sp**
Chaeyoung Lee, Ewha Womans University, Republic of Korea
- ACM 5** **Title: Antibacterial activities of Meroindenon and Merochlorins C, E and F, produced by a marine-derived bacterium, *Sireptomyces* sp.**
Sojeong Kim, Ewha Womans University, Republic of Korea
- ACM 6** **Title: Occurrence of *Aeromonas* spp. in ready-to-eat foods and detection of the enterotoxin genes**
Dirce Kabuki, University of Campinas, Brazil

Day 2 Concludes

Award & Closing Ceremony