Featured Speakers

Title: Challenges of International Human Biospecimen Biobanking for Biomedical Research in the Era of Personalized Medicine
Olga Potapova, *Cureline Inc, USA*

Title: MicroRNAs from bench to bedside
Suresh K. Alahari, *LSUHSC School of Medicine, USA*

Title: Smart Implant outfitted with active therapeutics and stem cells for Regenerative NanoMedicine
Nadia Benkirane Jessel, *INSERM, France*

Title: Application of NIR Raman Spectroscopy and Bio-reactor to probe the RNA' flexibility and self-catalytic activity of the « Avocado Sunblotch » viroid in response to changes in extreme conditions of environments
Gaston Hui Bon Hoa, *INSERM, France*

Title: Environment and development: Biomass for Future
Abdeen Omer, *Energy Research Institute, United Kingdom*

Title: Mutation Breeding in Malaysia
Sobri Bin Hussein, *Malaysian Nuclear Agency, Malaysia*

Title: Pythium oligandrum can eliminate fungi and their spores from the environment and has a potential in bioremediation
Martin Suchanek, *Biopreparaty, Czech Republic*

Title: Ultra-fast analysis of nucleic acids in human serum by bioorthogonal hybridization assays
Kira Astakhova, *Technical University of Denmark, Denmark*

Title: Impact of mineral fertilizer on the yield of groundnut and soil available Phosphorus in the Karaga district of Ghana
Jefferson Addo, *University of Camerino, Italy*

Title: Meta-analysis of RNA-seq data to gain insight into crop responses to environmental stresses
Federico Martinelli, *University of Palermo, Italy*

Title: Analysis of the expression of the SlMYB gene during the reproductive development of tomato (Solanum lycopersicum)
José Linares, *Polytechnic University of Valencia, Spain*

Title: Investigation of tissue-specific alternative splicing of Organelle RNA Recognition Motif (ORRM) family genes in Arabidopsis thaliana
John M. W. Munene, *Japan Advanced Institute of Science and Technology, Japan*

Title: The DV-AM method for visible detection of aflatoxigenic fungi from environments
Kimiko Yabe, *Fukui University of Technology, Japan*

Title: Maize sigma-70 like factors are chloroplast proteins involved in chloroplast genes constitutive expression under continuous light
Nelly Sandrine Ada Menie, *Huazhong Agricultural University, China*

Title: Antioxidant Enzyme Characterization in the liver of Mediterranean barbel (Barbus merdionalis) from Osor River (Catalonia)
Guluzar Atli, *Girona University, Spain*

Title: Novel saccharification of lignocellulosic biomasses using "whole broth" enzymes: towards on-site manufacturing (OSM) of enzymes for production of 2nd Generation Ethanol from eucalyptus wastes in biorrefinery configurations
Henrique M. Baudel, *Samerica Biomass Technologies, Brazil*

Title: **Production and evaluation of the starch and fiber from young bamboo culm for food and biotechnological applications**

Maria Teresa Pedrosa Silva Clerici, *University of Campinas, Brazil*

Title: **Mannosylerythritol lipids production by Pseudozyma aphidis UFMG-Y3468: A process optimization approach**

Glaucia M Pastore, *University of Campinas, Brazil*

Title: **The Effect of Growth Conditions on the Active Compounds Found in Medicinal Plants**

Alexandra C H F Sawaya, *University of Campinas, Brazil*

Title: **Freeze-dried wafers for anti-inflammatory topical delivery**

Juliana Souza Ribeiro Costa, *University of Campinas, Brazil*

Title: **Feasible technical and economic solutions for EPA production by Pythium irregulare using vinasse, wastewater, as main raw material**

Bruna S Fernandes, *University of Campinas, Brazil*

Title: **The influence of seasons and ripening time on yeast communities of a traditional Brazilian cheese**

Valéria M Cardoso, *Federal University of Minas Gerais, Brazil*

Title: **Virus-like particles (VLP) and oncogenic virus (HPV – HCV) - applications in biotechnology**

Rachel Siqueira de Queiroz Simões, *Oswaldo Cruz Institute, Brazil*

Title: **Nanoparticles mediate dsRNA delivery to control the crop insect pest cotton boll weevil, Anthonomus grandis**

Rayssa A Garcia, *EMBRAPA, Brazil*

Title: **Lingual Space of Maximum Size as an Electromagnetic Field of the Human Body: Health and Disease - Biotechnological Factors**

Helio Gomes da Silva, *University of Taubate, Brazil*

Title: **The future of the biopharmaceutical and biotechnology market and research in Brazil with the next president (2019-2023) – getting ready**

Wilker Ribeiro Filho, *Reger Institute, Brazil*

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, *Biotechnology Centre Nkolbisson, Cameroon*

Title: **Production of Poly-3-hydroxybutyrate microfibers and gelatin nanofibers as scaffolding material using electrospinning process**

Claudia Sanhueza, *University of La Frontera, Chile*

Title: **Augmentation of the immune response of Atlantic salmon through the oral delivery of alginate-encapsulated SRS antigens**

Daniela Sotomayor-Gerding, *University of La Frontera, Chile*

Title: **Encapsulation of carotenoid in nanofibers by emulsion electrospinning: termal and oxidative stability**

Camila Medina, *University of La Frontera, Chile*

Title: **Development of oil-in-water multilayer emulsion as an effective encapsulation systems of astaxanthin**

Eduardo Morales Antonio, *University of La Frontera, Chile*

Title: **Effect of the degree of cross-linking in nanosponges on the efficiency of piperine encapsulation**

Juan Pablo Guineo Alvarado, *University of La Frontera, Chile*

Title: **Morpholigic and Genetic Characterization of Botrytis cinerea Pers. Isolates Responsible for Gray Mold in Rubus glaucus Benth in Colombia**

Liliana Isaza Valencia, *Technological University of Pereira, Colombia*

Title: **Commercial opportunities behind genetic and climatic characterization with management culture approaches of Heliconia species in central-occident region of Colombia**

Liliana Isaza Valencia, *Technological University of Pereira, Colombia*

Title: **Calcium carbonate from bacteria isolated from soils**

Sandra Patricia, *Pedagogical and Technological University of Colombia, Colombia*

Title: **Genetic Charcterization of Rubus glaucus Benth Progenitors through SNPs and SSR**

Ana Maria Lopez Gutierrez, *Technological University of Pereira, Colombia*

Title: **New trends in the treatment of grade II furcation defects using second generation platelet concentrates**

Juan Pablo Pava Lozano, *University Antonio Narino, Columbia*

Title: **Utilization of Tissue culture and laser Capture (LCM) as Acquire innovative biotech strategies for Nematode control in cotton**

Sanaa Haroon, *Fayoum University, Egypt*

Title: **Maize sigma-70 like factors are chloroplast proteins involved in chloroplast genes constitutive expression under continuous light**

Nelly Sandrine, *Huazhong Agricultural University, China*

Title: **Synthetic Biology for Sustainability: One Perspective**

Ajit Sapre, *Reliance Industries Ltd, India*

Title: **Effect of medicinal plant pesticide and microbial insecticides for the Control supplements of Dengue vector, Aedes aegypti (Insecta: Diptera: Culicidae)**

Thiyagarajan, *Bharathidasan University, India*

Title: **Mosquito larvicidal, pupicidal and field evaluation of microbial insecticide, Verticillium lecanii against the malarial vector, Anopheles stephensi**

Harinathan, *Bharathidasan University, India*

Title: **Molecular mechanisms of sugarcane response to abiotic stress**

Sonia Marli Zingaretti, *Ribeirao Preto University, Brazil*

Title: **Study of nanosponge based on cyclodextrin and carbonate as a nanoencapsulation system of lipophilic compound**

Sofia Belen González Lezana, *Universidad de la Frontera, Chile*

Title: **Synthesis, Structural Characterization, and Antioxidant Activity of Alkyltrimetylammonium Thiotungstate**

Horta-Marron, *Universidad Autónoma de Baja California, Mexico*

Title: **Study of the conditions of encapsulation of piperine in microwave-assisted nanosponges**

Jeyson Alan Hermosilla Gajardo, *Universidad de la Frontera, Chile*

Title: **Production of A Universal Plant-Based Substrate System for Cellulase Activity Assays**

Kathleen Hefferon, *Cornell University, USA*

Title: **Polymer Electrode Material for Microbial Bioelectrochemical Systems**

Chtaini Abdelilah, *Sultan Moulay Slimane University, Morocco*

Title: **Fermentation conditions for the production of flavonoids from Streptomyces hygroscopicus AVS7 by statistical approaches**

Vellingiri Manon Mani, *Hindusthan College of Arts and Science, India*

Title: **Statistical analysis for the production of secondary metabolites and its chemical characterization from Streptomyces parvulus C5-5Y**

Parimala Gnana Soundari, *Bharathiar University, India*

Title: **Polymer Electrode Material for Microbial Bioelectrochemical Systems**

Chtaini Abdelilah, *Sultan Moulay Slimane University, Morocco*

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