FINAL PROGRAM

Day 01- December 03, 2018	
09:00-09:20	Registrations
9:20-09:40	Opening Ceremony
	Keynote Forum
9:40-10:10	Title: Challenges of international human biospecimen biobanking for biomedical research in the era of personalized medicine
	Olga Potapova, Cureline Inc, USA
10:10-10:40	Title: Micro RNAs from bench to bedside
	Suresh K. Alahari, LSUHSC School of Medicine, USA
	Group Photo
Session Chair: Olga Potapova, Cureline Inc, USA	
Session Co-Chair: Nuretin Heybeli, Trakya University, Turkey	
	Networking & Refreshment Break 10:40-11:00
Session I: Agriclutural Biotechnology| Plant Biotechnology | Food processing and Safety Engineering | Pharmaceutical Biotechnology | Bioprocess & Industrial Biotechnology |Nano Biotechnology	
11:00-11:20	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 biorefinery configurations
	Henrique M. Baudel, Samerica Biomass Technologies, Brazil
11:20-11:40	Title: Mutation breeding in Malaysia
	Sobri Bin Hussein, Malaysian Nuclear Agency, Malaysia
11:40-12:00	Title: Analysis of the expression of the SlMYB gene during the reproductive development of tomato (*Solanum lycopersicum*)
	Jose Linares, Polytechnic University of Valencia, Spain
12:00-12:20	Title: The dichlorvos-ammonia method for visible detection of aflatoxigenic fungi from environments
	Kimiko Yabe, Fukui University of Technology, Japan
12:20-12:40	Title: Antioxidant enzyme characterization in the liver of *Mediterranean barbel* (*Barbus merdionalis*) from Osor river (Catalonia)
	Guluzar Atli, Girona University, Spain
12:40-01:00	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
	Lunch Break 13:00-14:00
14:00-14:20	Title: The effect of growth conditions on the active compounds found in medicinal plants
	Alexandra C H F Sawaya, University of Campinas, Brazil
14:20-14:40	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
14:40-15:00	Title: Mannosylerythritol lipids production by *Pseudozyma aphidis* UFMG-Y3468: A process optimization approach.
	Glaucia M Pastore, University of Campinas, Brazil
15:00-15:20	Title: Intra-articular use of a unique combination of a medical device composed of Glucosamine and Chondroitin sulfate with Hyaluronic acid
	Nuretin Heybeli, Trakya University, Turkey
15:20-15:40	Title: Freeze-dried wafers for anti-inflammatory topical delivery
	Laura de Oliveira Nascimento, University of Campinas, Brazil
	Networking & Refreshment Break 15:40-16:00

16:00-16:20	**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
16:20-16:40	**Title: The influence of seasons and ripening time on yeast communities of a traditional Brazilian cheese**
	Valeria M Cardoso, Federal University of Minas Gerais, Brazil
16:40-17:00	**Title: Virus-like particles and oncogenic virus (HPV-HCV) applications in biotechnology**
	Rachel Siqueira de Queiroz Simões, Oswaldo Cruz Institute, Brazil
Panel Discussion	
Day 2 December 04, 2017	
Keynote Forum	
09:00-09:30	**Title: Production of a universal plant-based substrate system for cellulase activity assays**
	Kathleen Hefferon, Cornell University, USA
09:30-10:00	**Title: Sugar is the new oil: Transitioning petroleum economy to bio-economy**
	Anuj Kumar Chandel, University of Sao Paulo, Brazil
10:00-10:30	**Title: Molecular mechanisms of sugarcane response to abiotic stress**
	Sonia Marli Zingaretti, Ribeirao Preto University, Brazil
Networking & Refreshment Break 10:30-10:50	
Session Chair: Alexandre Libanio Silva Reis, Federal University of Pernambuco, Brazil	
Session Co-Chair: Sonia Marli Zingaretti, Ribeirao Preto University, Brazil	
Session II : Animal Biotechnology| Genetics and Tissue Science & Engineering | Medical Biotechnology |Microbial Biotechnology | Molecular Biology	
10:50-11:10	**Title: Evaluating the Feasibility of the Direct L-Ascorbic Acid Synthesis Using a One-Stage Process and a Single Strain of *Pleurotus ostreatus***
	Jorge L. Betancurt, National University of Colombia, Columbia
11:10-11:30	**Title: The future of the biopharmaceutical and biotechnology market and research in Brazil with the next president (2019-2023) – getting ready**
	Wilker Ribeiro, Reger Institute Brazil
11:30-11:50	**Title: Attenuated Salmonella strains have showed great potential as live vectors with broad applications in veterinary medicine**
	Luciana Helena Antoniassi da Silva, University of Campinas, Brazil
11:50-12:10	**Title: Calcium carbonate from bacteria isolated from soils**
	Sandra Patricia, Pedagogical and Technological University of Colombia, Colombia
12:10-12:30	**Title: Alkaline hydrogen pretreatment lignocellulosic biomass: Status, Perspectives and energy policy**
	Alexandre Libanio Silva Reis, Federal University of Pernambuco, Brazil
12:30-12:50	**Title: Paper spray tandem mass spectrometry: Applications to drugs determination in body fluids**
	Heloa Santos, University of Goias, Brazil
Lunch Break 12:50-13:50	
Poster Session(13:50-15:20)	
Poster Judge: Anuj Kumar chandel, University of Sao Paulo, Brazil	
Poster Judge: Sonia Marli Zingaretti, Ribeirao Preto University, Brazil	
WBC- P1	**Title: Thermo-Biorrefineries: A promising concept for production of bio-electricity, 2nd generation ethanol and renewable chemicals in Portugal**
	Henrique M. Baudel, America Biomass Technologies, Brazil
WBC- P2	**Title: Characterization of cubosomes, nanoparticles for drug delivery applications, and its interaction with miltefosine, a model drug**
	Bárbara Malheiros, University of Sao Paulo, Brazil
WBC- P3	**Title: Genetic charcterization of *Rubus glaucus* benth progenitors through SNPs and SSR**
	Ana Maria Lopez Gutierrez, Technological University of Pereira, Colombia
WBC- P4	**Title: Morphologic and genetic charcterization of *Botrytis cinerea* Pers. isolates responsible for gray mold in R*ubus glaucus* benth in Columbia**
	Liliana Isaza Valencia, Technological University of Pereira, Colombia
WBC- P5	**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
WBC- P6	**Title: Development of oil-in-water multilayer emulsion as an effective encapsulation systems of astaxanthin**
	Eduardo Morales Antonio, University of la Frontera, Chile

WBC- P7	**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
WBC- P8	**Title: Study of the conditions of encapsulation of piperine in microwave-assisted nanosponges**
	Jeyson Alan Hermosilla Gajardo, Universidad de la Frontera, Chile
WBC- P9	**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
WBC- P10	**Title: Synthesis, structural characterization, and antioxidant activity of alkyltrimetylammonium thiotungstate**
	Horta Marron, Universidad Autónoma de Baja California, Mexico
WBC- P11	**Title: Encapsulation of carotenoid in nanofibers by emulsion electrospinning: Termal and oxidative stability**
	Camila Medina, University of La Frontera, Chile
WBC- P12	**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
WBC- P13	**Title: Production of Poly-3-hydroxybutyrate microfibers and gelatin nanofibers as scaffolding material using electrospinning process**
	Claudia Sanhueza, University of La Frontera, Chile
Networking & Refreshment Break 15:20-15:40	
15:40-16:00	**Title: Nanoparticles mediate dsRNA delivery to control the crop insect pest cotton boll weevil, *anthonomus grandis***
	Rayssa A Garcia, EMBRAPA, Brazil
16:00-16:20	**Title: New trends in the treatment of grade II furcation defects using second generation platelet concentrates**
	Juan Pablo Pava Lozano, National University Columbia, Columbia
16:20-16:40	**Title: Utilization of tissue culture and laser capture (LCM) as acquire innovative biotech strategies for Nematode control in cotton**
	Sanaa Haroon, Fayoum University, Egypt
Video Presentations 16:40-17:00	
WBC-V 01	**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
Panel Discussion	
Closing and Award ceremony	
*****DON'T MISS THE GROUP PHOTO ON DAY-1 (i.e. DEC 03, 2018) at 11:00 AM*****	
Thanks Giving & Closing Ceremony	