Tentative Program

2nd World Biotechnology Congress

December 04-05,2017 Sao Paulo, Brazil

Profound Innovations and Futuristic Challenges in Biotechnology for Making Better Life

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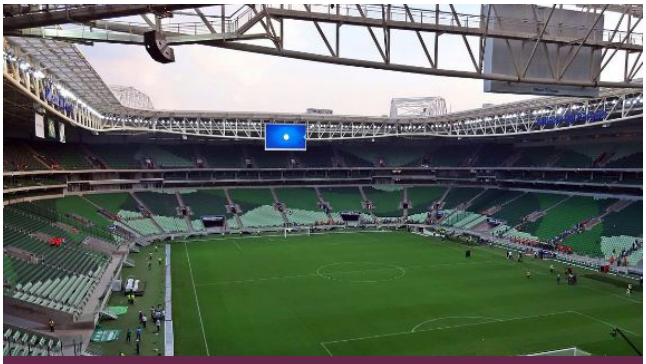
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09:00-09:15	**Registrations**
9:15-09.30	**Opening Ceremony**
	Keynote Forum
9:30-10.00	**Title: Smart Implant Outfitted with Active Therapeutics and Stem Cells for Regenerative Nano Medicine** ***Nadia Benkirane Jessel, French National Institute of Health and Medical Research, France.***
10:00-10:30	**Title: Novel Education Model to Fit the Future of Biotechnology** ***Meghana Joshi, Biocon-KGI program, Keck Graduate Institute, USA***
10.30-11.00	**Title: Exploring Detection Methods for Foodborne Pathogens: Shiga Toxin-Producing E. coli as an Example** ***Xiaohua He, USDA, ARS, WRRC, USA***
Group Photo	
Networking & Refreshment Break 11.00-11.20	
Session I	
Tracks: Agriclutural Biotechnology| Plant Biotechnology | Food processing and Safety Engineering | Pharmaceutical Biotechnology | Bioprocess & Industrial Biotechnology |Nano Biotechnology	
Session Chair: ***Meghana Joshi, Biocon-KGI program, Keck Graduate Institute, USA***	
Session Co-Chair: ***Xiaohua He, USDA, ARS, WRRC, USA***	
11.20-11.40	**Title: Reducing Petroleum Use by Developing Renewable Resources that Replace Petrochemicals** ***Thomas A. McKeon, International Society for Biocatalysis and Agricultural Biotechnology(ISBAB), USA***
11:40-12:00	**Title: Developing Biopesticides, Biofertilizers and Bioproducts for Next Generation Green Revolution and Sustainable Agriculture** ***Ze-Chun Yuan, Agriculture and Agri-Food Canada, Canada***
12:00-12:20	**Title: Quick Detection Method for Foodborne Bacterial Pathogens** ***Guodong Zhang, Food and Drug Administration, USA***
12:20-12:40	**Title: Production of Extra Jam from Indigenous Grape Varieties** ***Vlasta Pilizota, University of J.J. Strossmayer, Croatia***
12.40-13.00	**Title: The Past, Present and Future Potential Applications in Natural Product Genomics and Bioengineering of the Medicinal Desert Shrub *Rhazya Stricta*** ***Mohammed Nabih Baeshen, University of Jeddah, Saudi Arabia***
Lunch Break 13.05-14.05	
14:05-14:25	**Title: Biotechnologies: Which One(s) and What Trends & Future for Mid-size Pharma Companies** ***Jean A. Boutin , Institut de Recherches Internationales SERVIER, France***
14:25-14:45	**Title: Photo-Curable Natural Polymer Derivatives for Bio-Medical Application** ***Tae-il Son, Chung-Ang University, Republic of Korea***
14:45-15:05	**Title: Improving the Nutritional Quality of Cherry Tomato Fruits by LED Lighting** ***Simon Miranda, Universidad de Chile, Chile***
15:05-15:25	**Title: Bioinspired Solvent-Resistant Nanofiltration Membranes** ***Liliana Perez Manriquez, King Abdullah University of Science and Technology, Saudi Arabia***
Networking & Refreshment Break 15:25-15:45	

15:45-16:05	**Title: RNA-Seq Analysis of Aluminum Stress Response in Sugarcane Roots**
	Kameswara Rao Kottapalli, Texas Tech University, USA
16:05-16:25	**Title: Un-regulatory Actions of ecdB Transcription Factor Present in Echinocandin B Biosynthetic Gene Cluster**
	Arvind Kumar, Central University of South Bihar, India
Networking & Refreshment Break 16:25-16:45	
Video Presentations 16:45-17:30	
	Title: Pore Shape Affected by Gravity
	Wei Peng Sheng, National Sun Yat-sen University, Taiwan
	Title: Evaluation of Flavonoid Catechin from an Endophytic Fungus *Curvularia Australiensis* FC2AP for Treating Cervical Cancer in Female Sprague Dawley Rats
	Manon Mani, Hindusthan College of Arts and Science, India
	Title: Chemical Characterization and Optimization of 4MHA Pentapetide Lactone from *Streptomyces Parvulus* C5-5Y
	Parimala Gnana Soundari, Hindusthan College of Arts and Science,India
Panel Discussion	
Day 2 October 20, 2017	
Keynote Forum	
09:30-10:00	**Title: The Forefront of Scientific Progresses in Plant Science: Next Generation Crop Breeding**
	Huang Yinghua, USDA-ARS Plant Science Research Laboratory, USA
10:00-10:30	**Title: Recombinant Proteins from Bench to Clinics**
	Fuad Fares, University of Haifa, Israel
10:30-11:00	**Title: Genomics and Epigenetics with 2D Material Nano-Electronics**
	Jean Pierre Leburton, University of Illinois , USA
Session II	
Animal Biotechnology| Genetics and Tissue Science & Engineering | Medical Biotechnology |Microbial Biotechnology | Molecular Biology	
Session Chair: *Fuad Fares, University of Haifa, Israel*	
Session Co-Chair: *Huang Yinghua, USDA-ARS Plant Science Research Laboratory, USA*	
11:00-11:30	**Title: Micro Knitting Yarn Biocomposites (Metallic Fibers, Organic Fibers and Biodegradable Resin) for the Smart Textile Market**
	Liliana Rubio, PMO Polymer Business Intelligence Brazil
Networking & Refreshment Break 11:30-11:50	
11:50-12:10	**Title: Commercial Polyester Fabric Repair of Abdominal Defects and Hernias spectroscopy and a Bio-Reactor with Sampling in and out, at Constant Pressure and Perturbation Agents for the Study**
	Mohmad Shokry, Cairo University, Giza, Egypt.
12:10-12:30	**Title: Genotoxicity of Gemcitabine Low Dose in White Rat Bone Marrow Cells**
	Abdul Rahman, Shaqra University, Saudi Arabia
12:30-12:50	**Title:Modeling of Fermentation Process of *Bacillus Thuringiensis* as a Sporulating Bacterium**
	N. Mostoufi, University of Tehran, Iran
12:50-13:10	**Title: The Future of Pharmaceutical Biotechnology with the Industry 4.0 – Managing New Technologies, Teams and Reaching Customers from Baby Boomers to the iGeneration**
	Wilker Ribeiro Filho, Getulio Vargas Foundation, Brazil
13:10-13:30	**Title: Comparative Analysis of Two Inducible Promoters for Controlled Nuclear Transgene Expression in Chlamydomonas Reinhardtii**
	Paula Barjona do Nascimento Coutinho, Universität Erlangen Nürnberg, Germany

	Lunch Break 13:30-14:30
14:30-14:50	**Title: Anti-Cancer Drug Discovery: Rational Strategy to Acquire Anti-Cancer Candidate Compounds**
	Rosy Iara M A Ribeiro, Federal University of Sao Joao del Rei, Brazil
14:50-15:10	**Title: Estimate Infectivity of Human Norovirus in Environmental Water Samples by *In Situ* Capture RT-qPCR Method**
	Peng Tian, United States Department of Agriculture, USA
15:10-15:30	**Title: The Probable Effect of MT1A (A>G) and MT1A (C>G) SNPs of Metallothionein Gene on Whole Blood Mercury Levels in Iranian Populations**
	Javad Babaei, Valiasr hospital research center, Iran
15:30-15:50	**Title: Bacterial Cellulose as Matrix to Functionalize Macromolecules**
	Cesar Tischer, State University of Londrina, Brazil
	Panel Discussion
	Networking & Refreshment Break 15:50-16:10
	Poster Session(16:10-17:00)
WBC- P1	**Title: ROM-AGROBIOFERTIL NP- Biological Fertilizer for a Sustainable Agriculture**
	Nicolae Levandovschi, ROMVAC, Romania
WBC- P2	**Title: Cellulase and Xylanase Activities of *Xanthomonas Axonopodis pv. manihotis (Xam)* Strains Collected from Different Regions of Colombia**
	Leidy Yanira Rache, Universidad de los Andes, Colombia
WBC- P3	**Title: Cytotype and Molecular Variability of *Myriophyllum L***
	Tereza Kavova, University of South Bohemia, Czech Republic
WBC- P4	**Title: Design and Testing of Duplex-PCR Primers for Detection of Bacterial Spot of Tomato**
	Dagmar Stehlíkova, University of South Bohemia, Czech Republic
WBC- P5	**Title: Bauhinia Stem Extracts as a Possible New Treatment for Breast Cancer and Metastasis: Inhibition of Migration, Invasion and of the Activity of Matrix Metalloproteinases.**
	Kamilla Santos, Federal University of Sao Joao del Rei, Brazil
WBC- P6	**Title: Activity of Derived Extracts from *Annona Coriacea* Mart. on Head and Neck Tumor Lines**
	Aline Thaynara de Moura Coelho, Federal University of Sao Joao del Rei, Brazil
WBC- P7	**Title: Evaluation of Activities of *Miconia Cuspidata* extracts on Gelatinases and HeLa cell lines**
	Lucas Santos Azevedo, Federal University of Sao Joao del Rei, Brazil
WBC- P8	**Title: Evaluation of the Antineoplastic Potential of New Natural Compounds in Glioblastoma Lines**
	Lorena Raspante de Sousa, Federal University of Sao Joao del Rei, Brazil
WBC- P9	**Title: Antitumor Activity of *Miconia Chamissois Naudin* Fractions in Human Glioma Lines: in vitro and in vivo**
	Ana Gabriela Silva, Federal University of Sao Joao del Rei, Brazil
WBC- P10	**Title: Break of Dormancy and Evaluation of the Germination Rate of the Cerrado Medicinal Species: *Eriosema Pycnanthum***
	Jose Antonio Ribeiro Neto, Federal University of Sao Joao del Rei, Brazil
WBC- P11	**Title: Screening of Extracts of the Cerrado in Human Glioblastoma Tumoral Cell Line**
	Patrik da Silva Vital, Federal University of Sao Joao del Rei, Brazil
WBC- P12	**Title: Xylopia Aromatic Hexane Extract Promotes Antitumor Effects in Ehrlich Tumor Carcinoma**
	Maria Juliana Ferreira Passos, Federal University of Sao Joao del Rei, Brazil
	Panel Discussion
	Closing and Award ceremony
	Thanks Giving & Closing Ceremony

Tourist Attractions in Sao Paulo, Brazil



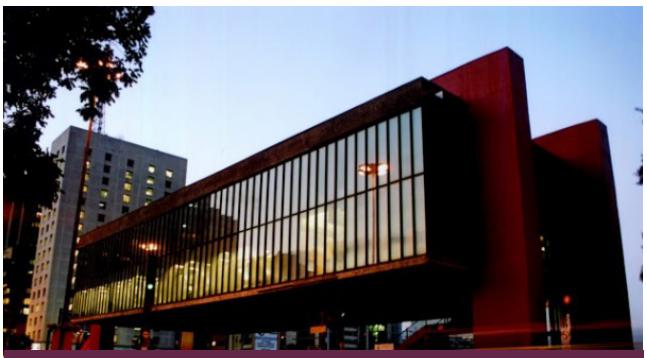
Allianz Parque



Botanical Garden of Sao Paulo



Muncipal Market of Sao Paulo



Museu de Arte de Sao Paulo



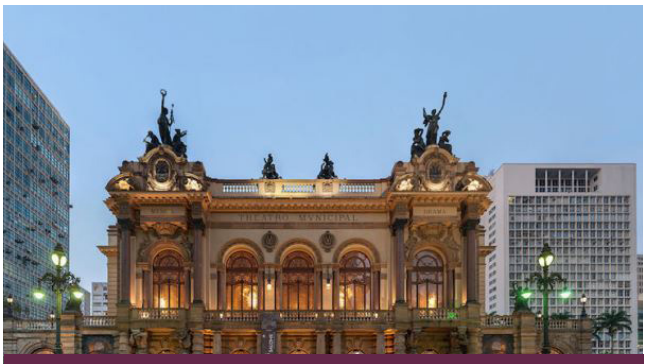
Parque do ibirapuera



Planetware



Renault Theatre



Teatro municipal de sao paulo