Tentative Program

2nd World Biotechnology Congress

December 04-05,2017 Sao Paulo, Brazil

Profound Innovations and Futuristic Challenges in Biotechnology for Making Better Life

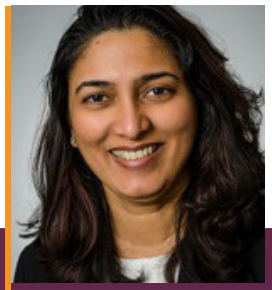
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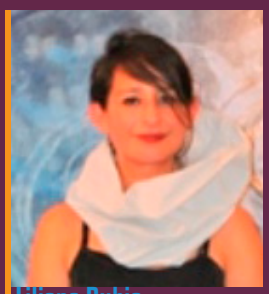
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Rosy I M A Ribeiro
Associate professor
Federal University of Sao Joao del Rei, Brazil



Liliana Rubio
CEO
PMO Polymer Business Intelligence, Brazil



Vlasta Pilizota
Professor
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Yinghua Huang
Lead Scientist & Research Geneticist
USDA-ARS and Oklahoma State University, USA



Youhe Gao
Professor
Beijing Normal University
China



D. M. Pandey
Associate Professor
Birla Institute of Technology
India



Nadia Benkirane Jessel
Research Director
French National Institute for Health and Medical Research, France

Dr. Nadia Jessel is the Leader of the "Active Biomaterials and Tissue Engineering" team at INSERM French National Institute for Health and Medical Research. She joined the INSERM U595 in 2002 as a post-doc, and received the diploma to direct the research (HDR) in 2004. Dr. Jessel got the permanent position (CR1) in the INSERM 595 laboratory in 2004 and currently Research Director in the INSERM 977 and heads the team.



Preeti Bais
Scientist
Jackson Laboratory
USA

Preeti Bais is a Scientist at the Computational Sciences group at the Jackson Lab' s new research institute at University of Connecticut - JAX Genomics Medicine (JGM). It is an independent, nonprofit organization focusing on mammalian genetics research to advance human health. She holds a Ph.D. in bioinformatics and Computational Biology with a minor in Statistics. Her research focus is in the application of statistical methodologies and machine learning to the area of systems biology, especially metabolomics for hypothesis generation and validation. She has utilized mass spectrometry for drug toxicity screening along with autism, cancer, and neuromuscular degeneration biomarker testing. She is currently working in the area of microbiome and neoepitope prediction methods for cancer immunotherapy using next generation sequencing data and cloud computing.



Thomas A. McKeon
Board Member
International Society for Biocatalysis and Agricultural Biotechnology, USA

Dr Tom McKeon is a research chemist with the USDA Agricultural Research Service at the Western Regional Research Center in Albany.He received his PhD in biochemistry from the University of California, Berkeley.He is co-organizer of the 8th ISBAB Symposium to be held October 28-31, 2012, in the Sonoma Valley Wine Country of California



Jean Pierre Leburton
Professor
University of Illinois
USA

Dr. Leburton joined the University of Illinois in 1981 from Germany, where he worked as a research scientist with the Siemens A.G. Research Laboratory in Munich. In 1992, he held the Hitachi LTD Chair on Quantum Materials at the University of Tokyo, and was a Visiting Professor in the Federal Polytechnic Institute in Lausanne, Switzerland in 2000. He is involved with research in nanostructures modeling and in quantum device simulation. His present research interest encompasses non-linear transport in quantum wires and carbon nanotubes, and molecular and bio-nanoelectronics He is author and co-author of more than 300 technical papers in international journals and books.



Fuad Fares
Professor
University of Haifa, Israel

Fuad Fares has completed his D.Sc studies at the Faculty of Medicine, Technion-Israel Institute of Technology, and postdoctoral studiesat the Department of Molecular Biology and Pharmacology, School of Medicine, Washington University, St. Louis Missouri. He is the director of the Department of Molecular Genetics at Carmel Medical Center and associated professor at the Department of Human Biology, University of Haifa. He has published more than 75 papers in reputed journals and serving as a member of the Israel Council for Higher Education. He is the inventor of designing long-acting recombinant proteins and the initiator of PROLOR Biotech company

Dr. Xiaohua He is a Research Molecular Biologist at the Western Regional Research Center, USDA-ARS. She completed her Ph.D. from UC Riverside, and had Post-doc experiences at Purdue and Cornell Universities. Dr. He received the 2015 USDA Federal Laboratory Consortium for Technology Transfer, Far West Region, Outstanding Technology Development Award for her contribution to the development of novel monoclonal antibodies against a broad range of Shiga toxins. She has served as academic editor and editorial board member of several leading journals and is an author/inventor of over 70 publications and patents, with 14 technologies licensed to industry.



Xiaohua He
Research Molecualr Biologist
USDA, Agricultural Research Service, USA



1978 and 1999 has completed his Ph.D and D.Sci. at the ages of 33 and 54 years from Zelinsky Instiute of Organic Chemistry, Moscow, Russia and Durmishidze Institute of Biochemistry and Biotechnology, Tbilisi, Georgia, respectively. 2006 up to date he is the head of laboratory of plant biopolymers at the Tbilisi State Medical University Institute of Pharmacochemistry. 1996 and 2002 he has been a visiting scientist at Utrecht University (faculty of pharmacy), The Netherlands, by University Scholarship and The Netherlands organization for scientific research (NWO) Scholarship Scientific Program, respectively. He has published more than 80 papers in reputed journals.

Vakhtang Barbakadze
Professor
Tbilisi State Medical University, USA

Dr. Yinghua Huang is a Research Geneticist for U.S. Department of Agriculture and serves as the Lead Scientist for the Plant Genetics Program. Before that, he served as faculty member for Oklahoma State University for ten years and now remains an Adj. Professor at the university. He is a member of editorial boards for several scientific journals. He earned a Ph.D. in Biological Sciences from Michigan Technological University. His scientific background is in plant genetics and molecular biology, and he has considerable research experience in plant biotechnology, genomics and crop improvement. During his early career, Dr. Huang made a breakthrough in developing a reliable system for producing transgenic larch plant, which represents the first record of genetically engineered conifer tree, carrying the important traits such as resistance to insects and herbicide. Another example of his recent research accomplishments is the systematic evaluation of the US sorghum germplasm collection (> 42,000 accessions), leading to the discovery of important new sources of resistance to greenbug and sugarcane aphids, the most important insects of field crops, including barley, sorghum and wheat, then incorporation of the new resistance into crop breeding programs. Furthermore, using the cutting-edge microarray, RNA-seq and the next-generation sequencing technologies, his lab has generated the differential expression profiles which resulted in the identification of the key genes and the networks that regulate the host defense against insect pests, crop yield traits, and bioenergy quality in sorghum



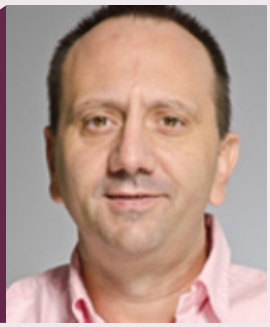
Yinghua Huang
Lead Scientist & Research Geneticist
USDA-ARS and Oklahoma State University
USA



Rosy I M A Ribeiro obtained his Postgraduate degree from the University of Minas Gerais (UFMG) in Pathology. She is an associated professor of Cell Biology at Medicine Department of Federal University of São João del Rei (UFSJ), Brazil. Currently, she is the Coordinator of the Biotechnology Graduate Program of UFSJ. Her research and publications are about the action of both synthetic and natural products on pathological processes such as wound healing and cancer

Rosy I M A Ribeiro
Associate professor
Federal University of Sao Joao del Rei, Brazil

Dr Ulloa studies neuromodulation of the immune system in sepsis. In 2007, he joined NJMS to study the mechanisms mediating Neuromodulation of the immune system and their clinical translation for infectious and inflammatory disorders. Dr Ulloa received prestigious awards and has published over 70 peer-review articles with almost 15,000 citations. He is invited to write review in journals like Nature Reviews and Trends in Mol Med.



Luis Ulloa
Associate Professor
New Jersey Medical School
New Jersey

Dr. Meghana Joshi is the Program Director for Biocon-KGI certificate programs based at Keck Graduate Institute, California, USA. Dr. Joshi received her PhD in Biological Sciences from the University of Illinois at Chicago, followed by post-doctoral experience at M.D.Anderson Cancer Center, Houston, Texas and Columbia University, New York. Thereafter, she completed the KGI PostDoctoral Professional Masters Degree, a program training PhD' s to work in the Biotech industry. She teaches a course in Pharmaceutical Drug Development and works as a consultant to Life Science companies to help them conduct market research and to help in licensing products and forming collaborations, particularly in the area of Biosimilars.



Meghana Joshi
Director,
Biocon-KGI Program, USA



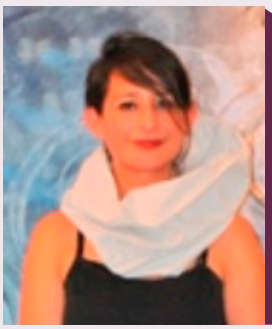
Vlasta Pilizota is a Professor at Josip Juraj Strossmayer University of Osijek, Faculty of Food Technology Osijek, Croatia, since 1979. She teaches number of courses at undegraduate study, Master, Ph. D. and Professional studies, such as Fruits and vegetable processing and preservation, Food Chemistry, Minimally processed fruits and vegetables, and others. She was a lead scientist of many national and international scientific projects. Also, she has worked many times as a visiting scientist at USDA/ ERRC/ARS.She is a member of many Croatian and international organizations (IFT - Certified Food Scientist since 2013)

Vlasta Pilizota
Professor
Josip Juraj Strossmayer University
of Osijek, Croatia

Dr. Dev Mani Pandey is working as Associate Professor at the Department of Bio-Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand, India. He has completed his Ph. D. (Plant Physiology) from Chaudhary Charan Singh, Haryana Agricultural University, Hisar, India. He was Consultant to Plant Breeding, Genetics and Biotechnology, IRRI, Los Banos, Philippines. He has received Young Scientist Award in Indian Genetics Congress-2015.He has published several research papers in peer reviewed journals.



D. M. Pandey
Associate Professor
Birla Institute of Technology
India



Liliana Rubio Chemical Engineer, Master in Project Management, MBA in Business Administration, MBA in Innovation Management, Specialist in polymer; over 18 years' experience working on new business, R&D and marketing. Lecturer on innovation & sustainability at universities and the main trade fairs of polymer & Fashion Industry in Latin America, EUA and Asia. Author of several articles that have been publish in technology and business magazines.Founder of PMO Polymer Business Intelligence is a Project Management Office, located in Sao Paulo-Brazil, dedicated to project management consulting, mentoring, covering project planning, implementation and execution through a front-to-end creative quantification approach. Founder of SmartTex Hub ecosystem for the value chain of textile Industry and final applications

Liliana Rubio
CEO
PMO Polymer Business Intelligence
Brazil

Program at A Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

Day 2

Morning Sessions		Time	Session 1	Session 2
	09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Evening Sessions	**Lunch Break 12.35-13.25**			
	13.25-15.05		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 15.05-15.20 (Networking)			
	15.20-17.00 Awards and Closing Ceremony			

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

Featured Speakers

Keynote Opportunities Available

Title: Exploring detection methods for foodborne pathogens: Shiga toxin-producing E. coli as an example
Xiaohua He, USDA Agricultural Research Service, USA

Title: Estimation of human norovirus infectivity from environmental water samples by In Situ Capture RT-qPCR method
Peng Tian, USDA Agricultural Research Service, USA

Title: Quick detection method for foodborne bacterial pathogens
Guodong Zhang, FDA-Food and Drug Administration, USA

Title: Dihydroxyphenyl glyceric acid biopolyether of plant origin prospective therapeutic agent
Vakhtang Barbakadze, Tbilisi State Medical University, USA

Title: Bioelectric immunology
Luis Ulloa, New Jersey Medical School, USA

Title: Genomics and Epigenetics with 2D Material Nano-Electronics
Jean Pierre Leburton, University of Illinois,USA

Title: A novel education model to fit the future of Biotechnology
Meghana Joshi, Biocon-KGI program,USA

Title: Synthetic Biology for Detection of Contaminants and for Diagnose of Disease: New Biotechnology
Raul Cuero, International Park of Creativity,USA

Title: Photo-Curable Natural Polymer Derivatives for Bio-Medical Application
Tae il son, Chung-Ang University , South Korea

Title: Production of extra jam from indigenous grape varieties
Vlasta Pilizota, University of J.J. Strossmayer, Croatia

Title: Smart implant outfitted with active therapeutics and stem cells for regenerative nanomedicine
Nadia Benkirane Jessel, French National Institute For Health and Medical Research, France

Title: Effect of synthesis process variables on morphological and mechanical properties of vitreous carbon scaffolds for tissue engineering applications
Natalia Teran, Industrial University of Santander, Columbia

Title: Cellulase and xylanase activities of Xanthomonas axonopodis pv. manihotis (Xam) strains collected from different regions of Colombia
Leidy Yanira Rache, Los Andes University, Columbia

Title: Enzymatic production of Bioactive Peptides, from Raps Degrased Flour
Romina Ferrero, Pontificia Universidad Católica de Valparaíso, Chile

Title: Bio-Scaffolds and cellular medicine
Dennis M. lox, California and Tampa Bay, USA

Title: Biotechnologies: Which one(s) and what trends & future for mid-size pharma companies
Jean A. Boutin, Institute of Recherches Internationales Servier, France

Title: Stem cell therapy for the treatment of severe tissue damage after radiation exposure
Alain Chapel, Institute of Radiological Protection and Nuclear Safety, France

Title: Title: Plant biotechnology research at forest fields in south korea
Jae In Park, Chungbuk National University, South Korea

Title: Micro Knitting Yarn Biocomposites (Metallic Fibers, Organic Fibers and Biodegradable Resin) FOR THE Smart Textile Market
Liliana Rubio, PMO Polymer Business Intelligence, Brazil

Title: Properties of hydrochloric chitosan multifilament fibers modified with nano-calcium phosphate complex
Luciano Pighinelli, Lutheran University, Brazil

Title: Technological innovation against arbovirosis: development of bioinsecticide against the mosquito Aedes aegypti
Fabiola Nunes, University of Pariaba, Brazil

Title: Bacterial cellulose as matrix to functionalize macromolecules
Cesar Augusto Tischer, State University of Londrina, Brazil

Title: Processes for lowering the road transportation costs of eucalyptus for energy generation
Bruno Santos Silva, Federal University of Bahia, Brazil

Title: Anti-cancer drug discovery: rational strategy to acquire anti-cancer candidate compounds
Rosy I M A Ribeiro, Federal University of Sao Joao del Rei, Brazil

Title: Improving the nutritional quality of cherry tomato fruits by LED lighting
Simon Miranda, Universidad de Chile, Chile

Title: Design experiment for bioanode treatment for application in bioelectrochemical system for hydrogen production
Mónica Mejia, National Autonomous University, Mexico

Title: Commercial polyester fabric repair of abdominal defects and hernias
M.Shokry, Cairo University, Egypt

Title: A dry method to preserve tear sample
Youhe Gao, Beijing Normal University, China

Title: Recombinant proteins from bench to clinics
Fuad Fares, University of Haifa, Israel

Title: Modeling of fermentation process of Bacillus thuringiensis as a sporulating bacterium
Navid Mostoufi, University of Tehran, Iran

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

Title: The past, present and future potential applications in natural product genomics and bioengineering of the medicinal desert shrub Rhazya stricta
Mohammed N Baeshen, University of Jeddah, Saudi Arabia

Title: Genotoxicity of Gemcitabine Low Dose in White Rat Bone Marrow cells
Abdul Rahman A. I. Alyahya, Shaqra University, Saudi Arabia

Title: Insecticide -Induced Response Elements in the Promoter Region of CYP6M2 Modulated in the Anopheles gambiae (Diptera: Culicidae)
Balarabe Mohammed, Abertay University, Nigeria

Title: In Vitro Anti Microbial Activity of Aqueous and Methanolic Extracts of the Leaf of Vitex Donoiana.S (Black Plum) on Pathogenic Bacteria

J.U.Itelema, University of JOS, Nigeria

Title: Human exonuclease1 (hExo1) is intrinsically disordered protein

Aminu A. Umar, Kebbi State University, Nigeria

Title: Investigation of the Biochemical Mechanism of Action of Antioxidants in the Preservation of Cancer

Kisse Mudie, Ethiopian Public Health Institute, Ethopia

Title: Development of Treatment strategies to combat EHF (Ebola Hemorrhagic Fever): Possible sites of actions and targets for anti-Ebola drug discovery

Shariful Islam, Mawlana Bhashani Science and Technology University, Bangladesh

Title: Mutated and wild type Gossypium Universal Stress Protein-2 (GUSP-2) gene confers resistance to abiotic stresses in Escherichia coli, Pichia pastoris and cotton plant.

Nadeem Hafeez,Center for Excellence in Molecular Biology, Pakistan

Title: Phylogenetic relationships of the genus Curcuma L. based on cytogenetical and molecular inferences

S.Rama Rao, North Eastern Hill University, India

Title: Investigation of Biodiesel and Product potential of Microalgae biomass by NMR, Mass and IR Spectroscopic techniques

Sarpal Singh, North Eastern Hill University, India

Title: Expression profiling of developmentally important genes in sheep embryos

Sukunta Mondal, ICAR-National Institute of Animal Nutrition and Physiology, India

Title: Boosting blue economy through marine biotechnology: Strategies for the developing countries

Biju Kumar, University of Kerala, India

Title: Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs or in pharmaceutical industry

Prakash Kinthada, JNTU University, India

Title: Evaluation of flavonoid catechin from an endophytic fungus Curvularia australiensis FC2AP for treating cervical cancer in female Sprague Dawley rats

Vellingiri Manon Mani, Hindustan College of Arts and Science, India

Title: Antheraea mylitta cocoonase: A boon in silk industry

Dev Mani Pandey, Birla Institute of Technology, India

Title: Amplified Fragment Length Polymorphism reveal genomic changes in neo-autotetraploid of Vigna radiata (L) Wilczek and Vigna mungo (L) Hepper

Daniel Regie, North Eastern Hill University, India

Title: Chemical characterization and optimization of 4MHA pentapetide lactone from Streptomyces parvulus C5-5Y.

Parimala Gnana Soundari, Hindustan College of Arts and Science, India

Title: Un-regulatory actions of ecdB transcription factor present in Echinocandin B biosynthetic gene cluster .

Arvind Kumar, Central University of South Bihar, India

Title: Bioelectricity production from treatment of petroleum refinery wastewater with simultaneous seawater desalination in microbial desalination cells.

Sevda Surajbhan, Indian Institute of Technology Guwahati, India

Title: Urinary Biomarkers of occupational exposure to urban air pollution in Autorickshaw Driver

Sevda Surajbhan, Sambalpur University, India

World Biotechnology 2017



Keynote Speech on

Smart Implant Outfitted with Active Therapeutics and Stem Cells for Regenerative NanoMedicine

Nadia Benkirane Jessel
Research Director
French National Institute for Health and Medical Research, France

RNM Regenerative NanoMedicine

Inserm

World Biotechnology 2017

Novel Education Model To Fit The Future Of Biotechnology

Keynote Speech by...



Meghana Joshi
Director,Biocon-KGI program, Keck Graduate Institute, USA

World Biotechnology 2017



Keynote Speaker

Genomics and Epigenetics with 2D Material Nano-Electronics

Jean Pierre Leburton
Professor, University of Illinois, USA

World Biotechnology 2017



Symposium on

Rapid detection of foodborne pathogens in the session of Food Safety, Processing & Technologies by

Dr. Xiaohua He
Research Molecular Biologist,
USDA,Agricultural Research Service, USA.

Micro Knitting Yarn Biocomposites (Metallic Fibers,Organic Fibers & Biodegradable Resin) for the Smart Textile Market

2nd World Biotechnology Congress

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Keynote Speaker

Liliana Rubio
CEO of PMO Polymer Business Intelligence, Brazil



World Biotechnology Congress 2017

Keynote Speech on

Recombinant Proteins from bench to clinics

Fuad Fares
Professor
University of Haifa, Israel

Glimpses of World Biotechnology 2016





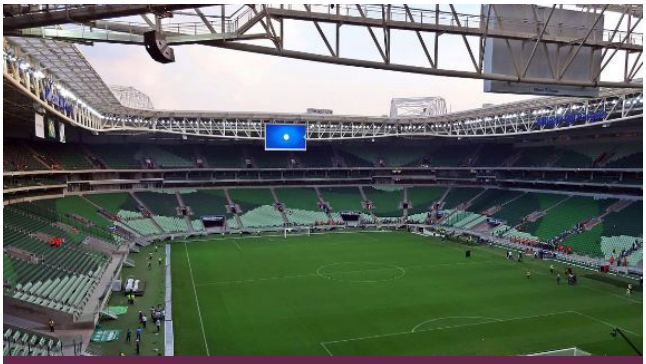
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Tourist Attractions in Sao Paulo, Brazil



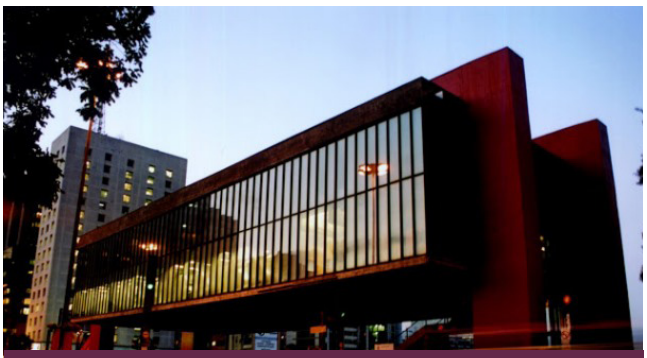
Allianz Parque



Botanical Garden of Sao Paulo



Muncipal Market of Sao Paulo



Museu de Arte de Sao Paulo



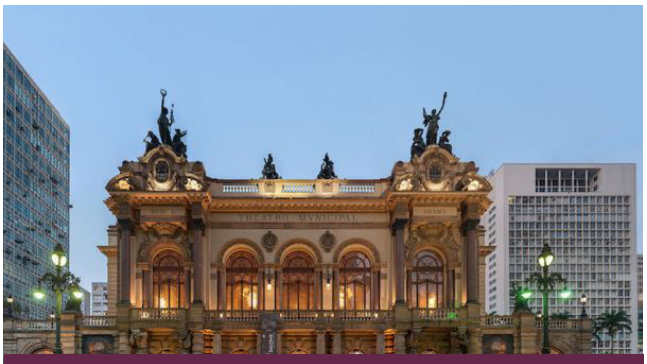
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Planetware



Renault Theatre



Teatro municipal de sao paulo