Tentative Program

2nd World Biotechnology Congress

December 04-05,2017 Sao Paulo, Brazil

Novel Innovations in Biotechnology that help Heal, Fuel & Feed the World

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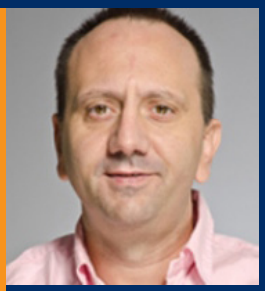
Thomas A. McKeon
Board Member
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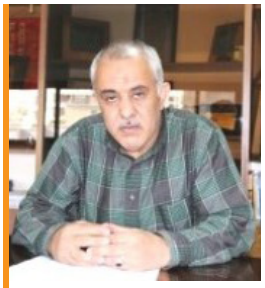
Fuad Fares
Professor
University of Haifa
Israel



Jean Pierre Leburton
Professor
University of Illinois
USA



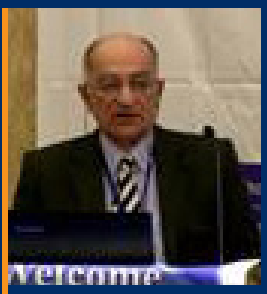
Luis Ulloa
Associate Professor
New Jersey Medical School
New Jersey



Majid Ghassemi
Professor
K. N. Toosi University of Technology
Iran



Thompson Sarkodie-Gyan
Associate Professor
University of Texas
USA



Vakhtang Barbakadze
Professor
Tbilisi State Medical University
USA



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



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



Biju Kumar
Professor and Head of Aquatic Biology & Fisheries
University of Kerala
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



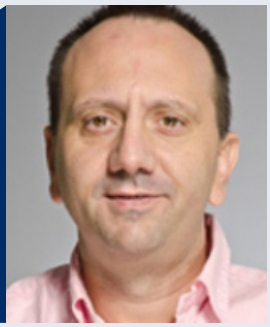
Yinghua Huang
Lead Scientist & Research Geneticist
USDA-ARS and Oklahoma State University
USA



Youhe Gao is a Professor in Beijing Normal University. He received his MD from Peking Union Medical College and his from PhD from University of Connecticut and Postdoctoral training from Beth Israel Deaconess Medical Center, Harvard Medical School. He was the Professor of Department of Pathophysiology, Institute of Basic Medical Sciences, Chinese Academy of Medical Sciences/ Peking Union Medical College from 2001-2014. His research interests include biomarker discovery in urine, urine biobanking, protein interaction methods and related bioinformatics

Youhe Gao
Professor
Beijing Normal University, China

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.Thompson Sarkodie Gyan is the Associate Professor of Electrical and Computer Engineering at University of Texas and Engineering in Texas, USA. He is the Adjunct Faculty of College of Health Sciences, UTEP during 2000-2005. He Worked as the Associate Professor of Mechanical Engineering, New Mexico Tech and also Adjunct Professor of Electrical Engineering, New Mexico Tech from 1998-2000 and he is the Reader (Research Professor) in Cybernetics and Systems Science, University of Teesside, United Kingdom from 1992-2000 and he is the Director of Research, Laboratory for Intelligent Systems Technology, University of Teesside, United Kingdom in the year 1992-1998 and also he is the Director, Manufacturing Systems Research Unit, University of Teesside. During the year 2008 he is appointed as the Member of Review Panel of CREST, National Science Foundations and also in the year 2008 he is appointed Member of the Neuroscience and Metabolic Disorders Project of the RCMI-funded Border Biomedical Research Center at UTEP



Thompson Sarkodie-Gyan
Associate Professor
University of Texas, USA



Majid Ghassemi
Professor
K. N. Toosi University of Technology, Iran

Majid Ghassemi is a Professor of Mechanical Engineering Department at the K. N. Toosi University of Technology; one of the most prestige' s technical university in Tehran, Iran. He is currently a Visiting Professor at the Centre for Hydrogen and Fuel Cell Research at the University of Birmingham. Professor Ghassemi has been endorsed by The Royal Academy of Engineering of the United Kingdom as an Exceptional Talent. United Kingdom selects only a small number of scientists per year from all over the world as an Exceptional Talent. Professor Ghassemi teaches graduate and under graduate courses and conduct research in the area of heat transfer and its application in bio and micro sensors, drug delivery, fuel cells, micro-channels and alternative energy. He has over 20 years of academic and industrial experience and served as the President of the K. N. Toosi University of Technology from 2010 through 2013. Professor Ghassemi has also served in several public and private boards and panels and supervised several undergraduate, masters and PhD students, published several books and many journal and conference papers. He is currently an Editor-in-Chief of the International Journal of Prevention and Treatment and Managing Editor of the American Journal of Mechanical Engineering (AJME) as well as Editorial Board member for many international journals.

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



Biju Kumar
Professor and Head of Aquatic Biology & Fisheries, University of Kerala, India

Dr A Biju Kumar is the Professor and Head of Department of Aquatic Biology and Fisheries and Assistant Director of Centre for Global Academics, University of Kerala, India. He has his PhD from the University of Kerala, India and has over 25 years of teaching and research experience in the fields of marine biodiversity, taxonomy and ecology. Dr. Kumar has won young scientist award from Government of Kerala and Indian Academy of Environmental Sciences. Of late his research focus on molecular taxonomy, phylogeny and phylogeography of marine organisms. He is involved in policy development as expert committee member in state and national agencies in India. He has published over 120 research papers and over 23 books. Attended overseas training in taxonomy and DNA barcoding at Czech Academy of Sciences, Mexican Academy of Sciences, Adelaide University and University of Guelph, Canada.

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

	Time	Session 1	Session 2
Morning Sessions	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)
	Lunch Break 12.35-13.25		
Evening Sessions	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	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

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

Featured Speakers

Keynote Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

itle: Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs or in

Title: Evaluation of dimer of epicatechin 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

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***Note: Tentative program has been designed with the projected speakers names and titles.*



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