Tentative Program

18th Biotechnology Congress

October 19-20, 2017 New York, USA



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

speaker slots available

bioamerica@conferenceseries.net














18th Biotechnology Congress Attendees





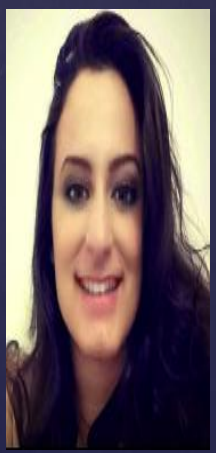
























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08:30-09:00	**Registrations**
09:00-9:30	**Opening Ceremony**
	Keynote Forum
9:30-10:00	**Title:Cannabinergics: Old and New Therapeutic Possibilities** ***Alexandros Makriyannis, Northeastern University, USA***
10:00-10:30	**Title:Combined Therapeutic Medical Device and Stem Cells for Regenerative Nanomedicine** ***N. Benkirane-jessel, INSERM France***
10.30-11.00	**Title:Isolation of new cancer drug targets using an innovative biomolecule extraction technology** ***Saikat Nandi, Cold Spring Harbor Laboratory, USA***
	Networking & Refreshment Break 11:00-11:10
11.10-11.40	**Title:Large-Scale Nanoelectrode Arrays to Monitor the Dopaminergic Differentiation of Human Neural Stem Cells** ***Jeong-Woo Choi, Sogang University , South Korea***
11:10-11:30	**Title: Nanobiomedical Device System for Nanomedicine and Innovative Business** ***HeaYeon Lee, Northeastern University, Boston, USA***
	Session Introduction
11:30-11:50	**Title:Hormone-immunotherapy in endocrine dependent metastatic breast cancer** ***Andrea Nicolini, University of Pisa, Italy***
11:50-12:10	**Title: AHCY inhibitors cause growth inhibition of prostate cancer via induction of mir-26a** ***Noriko Uchiyama, Takeda Pharmaceuticals International Co., USA***
12.10-12.30	**Title: Human induced pluripotent stem cells are invaluable tools in the investigation of in vitro disease modeling, drug testing, and in vivo cell replacement therapies** ***Sima T. Tarzami, Howard University College of Medicine, USA***
12:30-13:00	**Title: Applications of CRISPR technology with reference to cancer research** ***Foundation for Genetic Research Houston, Texas, USA***
	Lunch Break 13:00-14:00
14:00-14:20	**Title: A method to convert mRNA into a gRNA library for CRISPR/Cas9 editing of any organism** ***Hiroshi Arakawa, IFOM - FIRC Institute of Molecular Oncology Foundation, Italy***
14:20-14:40	**Title:Cancer Therapy Design Based on Pathway Logic** ***Aniruddha Datta, Texas A&M University, USA***
14:40-15:00	**Title: Enabling divergent thinking to encourage novel solutions to perceived problems** ***Julie M. Fagan, Rutgers University, New Jersey, USA***
15:00-15:20	**Title: Kidney Organoids for Drug Discovery and Toxicity Screening** ***Ryuji Morizane, Harvard Stem Cell Institute, USA***
15:20-15:40	**Title:Urease inhibitors: structure and function** ***Stefano Luciano Ciurli, University of Bologna, Italy***
	Networking & Refreshment Break 15:40-16:00
16:00-16:20	**Title:Food without fields - plant cell technology for a sustainable food supply** ***Heiko Rischer, VTT Technical Research Centre of Finland***
16:20-16:40	**Title: Osteoconductive bone substitutes by additive manufacturing** ***Franz E. Weber, University of Zurich, Switzerland***

16:40-17:00	**Title: Optimization and control of intermittent UASB reactors and microbial population dynamics – INTERCHANGE**
	Helena Nadais, Aveiro University, Portugal
17:00-17:20	**Title: Cavitation: A Technological Solution for the Generation of Pharmaceutical Nanoemulsions and Functionalised Carbon Nanomaterials**
	SIVAKUMAR MANICKAM, University of Nottingham, Malaysia.
17:20-17:40	**Title:Silencing the mutant Huntington's disease gene using CRISPR-Cas9**
	N. KOLLI, Central Mich. University, USA
17:40-18:00	**Title: UHPLC-MS/MS analysis of extracts of Sinningia magnifica (Gesneriaceae) from seedlings cultivable in vitro, callus and in nature**
	Alessandra Serain, State University of Campinas (UNICAMP), Brazil
Panel Discussion	
Day 2 October 20, 2017	
Keynote Forum	
09:00-09:30	**Title: Characterization of the advanced Ti-Ag coatings deposited by Thermionic Vacuum Arc method for biomedical applications**
	Aurelia Mandes, Ovidius University, Romania
09:30-10.00	**Title: Nerve growth factor-loaded heparinized cationic solid lipid nanoparticles for regulating membrane charge of induced pluripotent stem cells during differentiation**
	Yung-Chih Kuo, National Chung Cheng University, Taiwan
Session introduction	
10:00-10.20	**Title: The impact of plant biotechnology on agriculture in a changing world: Present achievements and challenges ahead**
	Ana Rosu, University"Dunarea de Jos", Galati, Romania
10:20-10.40	**Title: Microsensor arrays for the measurement of acute cellular responses to stimulation**
	Danny O'Hare, Imperial College, London
10:40-11.00	**Title: Effect of Glycosylation and physico-chemical properties on biological activity of anti-HER2 molecule**
	Sourav Majumdar, Serum institute of India Pvt Ltd, India
Networking & Refreshment Break 11:00-11:20	
11:20-11:40	**Title:Biopolyether of medicinal plants with anticancer efficacy**
	Vakhtang Barbakadze, Tbilisi State Medical University, Georgia
11:40-12:00	**Title: Methodology for the valuation and negotiation of the Biotechnology Products with Intangibles**
	Dora García Delgado, Heber Biotec, Cuba
12:00-12:20	**Title:Phytochemical, antimicrobial and anti-diabetic properties of Artemisia annua L. (sage wort) and Plectranthus neochilus Schltr. (blue coleus)**
	Janet U Itelima, PhD, University of Jos, Nigeria
12:20-12:40	**Title: Biophysical Interactions of Stromal Cells with Invasive Breast Cancer Cells**
	Michelle R. Dawson, Brown University, Providence, RI
12:40-13:00	**Title: Down regulation of PTEN expression by siRNA, augments HL-60 cell differentiation to neutrophil-like cells by DMSO and ATRA and reduces Netosis**
	Shahram Teimourian Iran University of medical sciences, Iran
Lunch Break 13:00-14:00	
14:00-14:20	**Title: Impacts of the extremes conditions of environments on the RNA' flexibility and self-catalytic activity of the « Avocado sunblotch » viroid: application of NIR Raman spectroscopy and a bio-reactor with sampling in and out, at constant pressure and perturbation agents for the study**
	Gaston HUI BON HOA, (I.N.S.E.R.M.), France.
14:20-14:40	**Title:Development and application of new primer sets for rapid and specific detection of Blumeria graminis f. sp. tritici using PCR**
	Hubert Szczerba, University of Life Sciences in Lublin, Poland

14:40-15:00	**Title: Study of Biodiesel and PUFA Potential of oleaginous Microalgae Biomasses by NMR and IR Spectroscopic techniques**
	Amarjit S. Sarpal, Instituto Nacional de Metrologia, Brazil.
14:40-15:00	**Title: Utility of Faco's medium in the isolation and identification of gastro intestinal tracts bacteria**
	Onwuliri, F.C, University of Jos, Nigeria
15:20-15:40	**Title: Inulin conversion towards fructose or lactic acid by Mn2+ mediated metabolic flux in Lactobacillus paracasei**
	Kaloyan K. Petrov, Institute of Chemical Engineering, BAS, Bulgaria
15:40-16:00	**Title: Amylolytic enzymes engaged in starch utilization by Lactic acid bacteria: a transcriptome analysis**
	Penka M. Petrova, Institute of Microbiology, BAS, Bulgaria
Networking & Refreshment Break 16:00-16:20	
P1	**Title: Semi-Synthesis of Lysine-Betaxanthin and its fluorescent properties**
	Cabanes-Cos, Universidad de Murcia, Spain
P1	**Title: Effect of elicitors on the antioxidant activity of different plant cell cultures**
	Lorena Almagro, Universidad de Murcia, Spain
P1	**Title: Use of broccoli byproducts to obtain bioactive compounds**
	María Angeles Pedreño, Universidad de Murcia, Spain
P1	**Title:Production of bioactive pigments in cell lines of quinoa (*Chenopodium quinoa*).**
	Josefa Escribano-Cebrián, Universidad de Murcia, Spain
P1	**Title:Electrochemical Nanobiosensor on Si3N4 Nanowell Array Electrode (&) Highly Sensitive Toxicity Evaluation using Nanotechnology Methodology**
	YoungTae Seo, Queens College of the City University of New York
P1	**Title:Paper-based diagnostic devices for evaluating the sperm quality**
	Alex Ching, National Tsing Hua University, Taiwan
P1	**Title:Obesity Electrochemical Nanobiosenor on Nanowell Array Electrode**
	Sunil Jeong, Queens College of the City University of New York
Panel Discussion	
Closing and Award ceremony	
****Note: Tentative program has been designed with the confirmed speakers names and titles.**	
Last update on 17 082017	

Conference Highlights

- Medicine & Biotechnology
- Medical Biotechnology
- Biomedical Engineering and Bio-Engineering
- Pharmaceutical Biotechnology
- Genetic Engineering and Tissue Engineering
- Enzyme and Protein Engineering
- Nanobiotechnology
- Plant, Agriculture and Environment Biotechnology
- Marine, Aquatic and Ocean Biotechnology
- Food & Feed Biotechnology
- Animal Biotechnology
- Bioinformatics and Biomedicine Engineering
- Industrial and Microbial Biotechnology
- Applied Biotechnology
- Bio-Safety and Bioethics
- Business Development

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement



- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
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Conference Venue

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