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














18th Biotechnology Congress Attendees





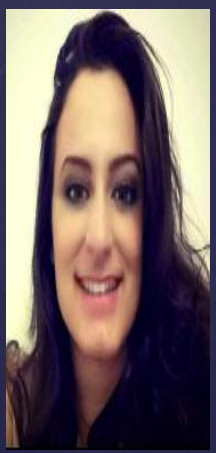
























Hilton New York JFK Airport Hotel
144-02 135th Avenue,
Jamaica
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T: +1 718.269.3041, F: +1 718 269.2691.

08:30-09:00	Registrations
09:00-9:30	Opening Ceremony
	Keynote Forum
9:30-10:00	Title:The Cannabinoid System as a Therapeutic Target
	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	Nanobiomedical Device System for Nanomedicine and Innovative Business
	HeaYeon Lee, Mara Nanotech New York, Inc., 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
bioamerica@conferenceseries.net

Conference Venue

New York, USA

Contact us
America: Conference Series LLC
BioAmerica 2017
2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417,
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Contact us
UK: Conference Series LLC
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Tel: +1-800-216-6499
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Glimpses of BioAmerica Conferences

















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