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





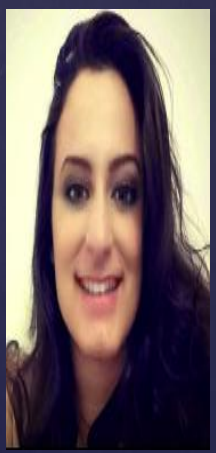
























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09:00-09:15	**Registrations**
9:15 AM	**Opening Ceremony**
	Keynote Forum
9:30-10.00	**Title:The Cannabinoid System as a Therapeutic Target**
	Alexandros Makriyannis, Northeastern University, USA
10:00-10:30	**Title:Isolation of new cancer drug targets using an innovative biomolecule extraction technology**
	Saikat Nandi, Cold Spring Harbor Laboratory, USA
10.30-11.00	**Title:Designing long acting agonists and antagonists of glycoprotein hormones using site directed mutagenesis and gene transfer; from the bench to bedside**
	Fuad Fares, University of Haifa, Israel
Group Photo	
Networking & Refreshment Break 11.00-11.20	
Session Introduction	
Applied Biotechnology| Pharmaceutical Biotechnology | Biomedical Engineering | Nano Biotechnology | Medical Biotechnology | Business Development	
11.20-11.40	**Title:Nanobioelectronic Device composed of Hybrid Materials for Biosensor and Biocomputing**
	Jeong-Woo Choi, Sogang University , South Korea
11:40-12:00	**Title:Nanobiomedical Device System for Nanomedicine and Innovative Business**
	HeaYeon Lee, Mara Nanotech New York, inc., USA
12:00-12:20	**Title:Hormone-immunotherapy in endocrine dependent metastatic breast cancer**
	Andrea Nicolini, University of Pisa, Italy
12:20-12:40	**Title: AHCY inhibitors cause growth inhibition of prostate cancer via induction of mir-26a**
	Noriko Uchiyama, Takeda Pharmaceuticals International Co., USA
12.40-13.00	**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
Lunch Break 13.05-14.05	
14:05-14.25	**Title: Applications of CRISPR technology with reference to cancer research**
	Krishna Dronamraju, Foundation for Genetic Research Houston, Texas, USA
14:25-14:45	**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
14:45-15:05	**Title: Enabling divergent thinking to encourage novel solutions to perceived problems**
	Julie M. Fagan, Rutgers University, New Jersey, USA
15:05-15:25	**Title: Kidney Organoids for Drug Discovery and Toxicity Screening**
	Ryuji Morizane, Harvard Stem Cell Institute, USA
15:25-15:45	**Title:Urease inhibitors: structure and function**
	Stefano Luciano Ciurli, University of Bologna, Italy
Networking & Refreshment Break 15:45-16:05	
16:05-16:25	**Title:Food without fields - plant cell technology for a sustainable food supply**

16:05-16:25	*Heiko Rischer, VTT Technical Research Centre of Finland*
16:25-16:45	**Title: Osteoconductive bone substitutes by additive manufacturing**
	Franz E. Weber, University of Zurich, Switzerland
16:45-17:05	**Title: Optimization and control of intermittent UASB reactors and microbial population dynamics –**
	Helena Nadais, Aveiro University, Portugal
17:05-17:25	**Title: Cavitation: A Technological Solution for the Generation of Pharmaceutical Nanoemulsions and Functionalised Carbon Nanomaterials**
	SIVAKUMAR MANICKAM, University of Nottingham, Malaysia.
17:25-17:45	**Title:Silencing the mutant Huntington's disease gene using CRISPR-Cas9**
	N. KOLLI, Central Mich. University, USA
Panel Discussion	
Day 2 October 20, 2017	
Keynote Forum	
09:30-10:00	**Title: Characterization of the advanced Ti-Ag coatings deposited by Thermionic Vacuum Arc method for biomedical applications**
	Aurelia Mandes, Ovidius University, Romania
10:30-11:00	**Title:Biopolyether of medicinal plants with anticancer efficacy**
	Vakhtang Barbakadze, Tbilisi State Medical University, Georgia
Session introduction	
Animal Biotechnology| Agricultural Biotechnology | Food Biotechnology | Industrial and Microbial Biotechnology | Environmental Biotechnology	
10:30-10:50	**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
Networking & Refreshment Break 10:50-11:10	
11:10-11.30	**Title:Cancer Therapy Design Based on Pathway Logic**
	Aniruddha Datta, Texas A&M University, USA
11:30-11:50	**Title:Combined Therapeutic Medical Device and Stem Cells for Regenerative Nanomedicine**
	N. Benkirane-jessel, INSERM France
11:50-12:10	**Title: Methodology for the valuation and negotiation of the Biotechnology Products with Intangibles**
	Dora García Delgado, Heber Biotec, Cuba
12:10-12:30	**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
Lunch Break 12:50-13:50	
13:50-14:10	**Title: Biophysical Interactions of Stromal Cells with Invasive Breast Cancer Cells**
	Michelle R. Dawson, Brown University, Providence, RI
14:10-14:30	**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
14:30-14:50	**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-**

	Gaston HUI BON HOA, (I.N.S.E.R.M.), France.
14:50-15:10	**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
14:30-14:50	**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.
14:50-15:10	**Title: Utility of Faco's medium in the isolation and identification of gastro intestinal tracts bacteria**
	Onwuliri, F.C, University of Jos, Nigeria
15:10-15:30	**Title: Effect of carbon to nitrogen ratio in the growth of Schizochytrium limacinum towards DHA**
	Juan Martin Delgado Naranjo, Universidad de Antioquia, Medellín, Colombia
	Networking & Refreshment Break 15:50-16:10
16:10-16:30	**Title: Biosurfactant production by lactic acid bacteria and its possible use in microbial fuel cells**
	Carolina Montoya Vallejo, Universidad de Antioquia, Medellín, Colombia
16:30-16:50	**Title: Determination of PUFA content in microalgae through Nile Red Fluorescence Method**
	Ruben Darío Múnera-Soto, Universidad de Antioquia, Medellín, Colombia
	Poster Session(16:50-17:50)
P1	**Title: Inulin conversion towards fructose or lactic acid by Mn2+ mediated metabolic flux in**
	Kaloyan K. Petrov, Institute of Chemical Engineering, BAS, Bulgaria
P1	**Title: Amylolytic enzymes engaged in starch utilization by Lactic acid bacteria: a transcriptome**
	Penka M. Petrova, Institute of Microbiology, BAS, Bulgaria
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: Obesity Electrochemical Nanobiosenor on Nanowell Array Electrode**
	Sunil Jeong, Queens College of the City University of New York
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: Plant cell and tissue cultures as experimental models for studies of coumarin and chlorogenic acid biosynthesis in Mikania laevigata (Asteraceae) and UHPLC-MS analysis**
	Aranha Netto L, State University of Campinas, Brazil
P1	**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
P1	**Title: Study heterotrophic growth of Chlorella sp under different Carbon-to-nitrogen and Carbon-to-phosphorous ratios.**
	Catalina Andrea Lugo De Ossa, Universidad de Antioquia, Medellín, Colombia
P1	**Title:Enzymatic production of pectin-derived oligosaccharides from sugar beet pulp as a component of animal feed**

	Agnieszka Wilkowska, Lodz University of Technology, Poland
P1	**Title: Causes of dampness in residential building walls in Jos Metropolis, Plateau State, Nigeria: Emphasis on microbial concentrations, biodegradation and health hazards.**
	Kalada Itelima, University of Jos, Nigeria
P1	**Title:Mono- and dipeptide derivatives of 17β-Amino-5α-androstan-3β-ol**
	Nanuli Sh Nadaraia, Tbilisi State Medical University, Georgia
Panel Discussion	
Closing and Award ceremony	
Thanks Giving & Closing Ceremony	
Supporting Organizations	

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

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