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Tentative Program

Annual Biotechnology Congress

July 23-24, 2018 Vancouver, Canada

Theme: Deep Insight of Tomorrow's Biotech Trends



For available speaker slots

https://annualbiotech.conferenceseries.com/

Tentative Program

Annual Biotechnology Congress

Conference Hall	
Day 1-July 23, 2018	
09:00-09:30	Registrations
09:30-10:00	Opening Ceremony
Key Note Forum	
10:00-10:40	Title: Modern mass spectrometric approaches in quantitative and structural proteomics for biomedical and clinical research
	Chrstoph Borchers, University of Victoria-Genome BC Proteomics Centre, Canada, USA
10:40-11:20	Title: Molecular mechanism of Alzheimer's disease
	Zoya Leonenko, University of Waterloo, Canada, USA
Panel Discussion	
Group Photo (11:20-11:40) & Refreshments Break	
11:40-12:20	Title: Targeted drug delivery and release enabled by nanobiotechnology
	Shyh-Dar Li, University of British Columbia, Canada
12:20-13:00	Title: Bacteriophage display of peptides for functional degradomics and other applications
	Navneet Sharma, University of Calgary, Canada
Lunch Break 13:00-14:00	
Session :	Genetic Engineering | Algal Biotechnology | Agricultural and Environment Biotechnology | CRISPR | Biomass and Bioenergy
Session Introduction	
Session Chair: Nathan S. Bryan, Baylor College of Medicine, USA	
Session Co-Chair: Kesen Ma, University of Waterloo, Canada	
14:00-14:25	Title: Characterizing constitutive promoters in yeast
	Sabrina Schulze, University of Potsdam, Germany
14:25-14:50	Title: Expression analysis of the *Translocator protein 18 kDa (Tspo)* mRNA in cancers
	Zodwa Dlamini, Mangosuthu University of Technology, South Africa
14:50-15:15	Title: Bioethics and arguments for and against the human consumption of genetically modified foods in the scientific literature
	Rosa Martha Desentis, Universidad Panamericana, Mexico
15:15-15:40	Title: How "molecular biology" can help in finding the origin of genetic defects in different populations
	Mehrez Jadaon, Kuwait University, Kuwait
15:40-16:05	Title: Development of an integrated method for utilizing seaweed and seaweed waste to grow fungal marine biomass for bioproducts
	Catalina Landeta, Chile University School of Engineering, Chile
Coffee Break 16:05-16:25	
16:25-16:50	Title: Use of combined strategy of light intensities and wavelength to enhance the biomass and lipids production on the microalga *Acutodesmus obliquus*
	Edisson Tello Camacho, Universidad Nacional de Colombia, Colombia
16:50-17:15	Title: The use of hairy roots for validation of CRISPR/Cas plasmid constructs and genome functional analysis in composite plants
	Bekele Tuffa, The Volcani Center, Israel
Panel Discussion	
End of Day 1	

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Day 2-July 24, 2018	
Keynote Forum	
09:00-09:40	**Title: Nitric oxide and heart disease: New discoveries and innovations in diagnostics and therapeutics**
	Nathan S. Bryan, Baylor College of Medicine, USA
09:40-10:20	**Title: Construction of biocatalytic micro-reactors with the bacterial ghost platform technology**
	Werner Lubitz, BIRD-C, Austria
10:20-11:00	**Title: Thermostable enzymes involved in alcohol fermentation at high temperatures**
	Kesen Ma, University of Waterloo, Canada
Coffee Break 11:00-11:20	
11:20-12:00	**Title: Electronic water can reduce oxidative stress in cancer and diabetes patients for 3 weeks drinking**
	Masahiro Onuma, Trisguide ltd, Japan
12:00-12:40	**Title: Rapid targeting essential enzymes of viruses with biomedical engineering against the pandemic**
	S.X. Lin, CHU Research Center, Canada
Lunch 12:40-13:40	
Session :	**Agricultural and Environment Biotechnology | Cell science and Cell Biology | BioInformatics | Industrial and Microbial Biotechnology | Recombinant Gene technology | Biomaterials**
13:40-14:05	**Title: Targeting therapy of hepatocarcinoma by a peptide directed doxorubicin / miRNA liposome**
	Yingchun Hou, Shaanxi Normal University, China
14:25-14:50	**Title: Development of glyphosate-tolerant transgenic potato plants harboring the G2aroA gene**
	Arfan Ali, FOUR BROTHERS GROUP LAHORE, Pakistan
Posters 14:50-15:50	
Poster Judges: Werner Lubitz, BIRD-C, Austria	
S.X. Lin, CHU Research Center, Canada	
AB 01	**Title: Genome analysis of bio-control fungus *Trichoderma Harzianum* and the biosynthesis of peptaibols alamethicin**
	Jian Ling, Chinese Academy of Agricultural Sciences, China
AB 02	**Title: Hydrolysis of lignocellulose and microcellulose with novel ulfobetaine–tungstophosphoric acid catalyst**
	An-Ya Lo, National Chin-Yi University of Technology, Taiwan
AB 03	**Title: Effect of polystyrene surfaces and altered polylactic acid surface chemistries on fibrinogen orientation and endothelialization and its application for coronary stents**
	Nupur Dave, Dulles High School, USA
AB 04	**Title: Treatment with low-temperature atmospheric pressure plasma enhances cutaneous delivery of epidermal growth factor by regulating E-cadherin-mediated cell junctions**
	Kim Gyoo Cheon, Pusan National University, Republic of Korea
AB 05	**Title: In virto propagation response of rosmarinus officinalis l. to biotic and abiotic elicitors on phenolic content and photosynthetic pigments**
	Aisha Alayafi, Aisha Abdullah Alayafi, University of Jeddah, Saudi Arabia
AB 06	**Title: Pro- apoptotic effects of Parthenolide on MDA-MB-468 human breast cancer cells**
	Reyhane Hoshyar, Birjand University of Medical Sciences, Iran
AB 07	**Title: The anti-cancer properties of crocin and epirubicin on chemosensitive cervical cancer cells**
	Reyhane Hoshyar, Birjand University of Medical Sciences, Iran
AB 08	**Title: Gene-silencing suppressors for high-level production of the HIV-1 entry inhibitor griffithsin in *Nicotiana benthamiana***
	Peyman Habibi, Federal University of Paraná, Brazil
AB 09	**Title: Association mapping for morphological traits under saline stress in wheat**
	Harpreet Singh, Maharishi Markandeshwar University, India
Coffee Break 15:50-16:00	
Networking Session	
Awards Ceremony	

Major Scientific Sessions

- Biopharmaceutical Engineering
- Biomass and Bioenergy
- Bioscience
- Biobanking
- Molecular Diagnostics
- Recombinant Gene Technology
- Tissue Engineering and Regenerative Medicine
- Industrial and Microbial Biotechnology
- Algal Biotechnology
- Agricultural and Environment Biotechnology
- CRISPR
- Food Processing and Technology
- Marine Biotechnology
- BioInformatics

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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