

Day 1

23-Jul-18

Breakout 1

Opening Ceremony

Keynote Forum

09:55 -10:00 Introduction

Keynote Talk **Title: Construction of biocatalytic micro-reactors with the bacterial ghost platform technology**

Werner Lubitz, BIRD-C GmbH, Austria

Keynote Talk **Title: Modern Mass Spectrometric Approaches in Quantitative and Structural Proteomics for Biomedical and Clinical Research**

Christoph H. Borchers, University of Victoria-Genome BC Proteomics Centre, Canada

Keynote Talk **Title: Targeted Drug Delivery and Release Enabled by Nanobiotechnology**

Shyh-Dar Li, University of British Columbia, Canada

Keynote Talk **Title: Rapid targeting essential enzymes of viruses with biomedical engineering against the pandemic**Keynote Talk
Lin, S.-X, Laval University, Canada

Felicitation to OCMs and EB members

Group Photo

Plenary Session

Plenary Talk **Title: Characterizing constitutive promoters in yeast**

Sabrina Schulze, University of Potsdam, Germany

Plenary Talk **Title: Development of an integrated method for utilizing seaweed and seaweed waste to grow fungal marine biomass for bioproducts**

Catalina Landeta Salgado, Chile University School of Engineering, Chile

Plenary Talk **Title: The Use of Hairy Roots for Validation of CRISPR/Cas Plasmid Constructs and Genome Functional Analysis in Composite Plants**

Bekale A, The Volcani Center, Israel

Plenary Talk **Title: Expression analysis of the Translocator protein 18 kDa (Tspo) mRNA in cancers**

Zodwa Dlamini, Mangosuthu University of Technology, South Africa

Plenary Talk **Title: Phenotypic evolution through variation in splicing of the noncoding RNA COOLAIR**

Peijin Li, Anhui Agricultural University, China

Plenary Talk **Title: How "Molecular Biology" can help in finding the origin of genetic defects in different populations**

Mehrez M. Jadaon, Kuwait University, Kuwait

Plenary Talk **Title: Hydrolysis of lignocellulose and microcellulose with novel ulfobetaine-tungstophosphoric acid catalyst**

An-Ya Lo, National Chin-Yi University of Technology, Taiwan

Lunch Break

- Plenary Talk** **Title: Cognizance of Vitamin D and Its Deficit in Young Adults of Dubai, UAE**
Anushka Lydia Issac, Birla Institute of Technology and Science, U.A.E
- Plenary Talk** **Title: Optimized extraction and identification of functional Orthosiphon stamineus proteins**
Kamal Usman, Qatar University, Qatar
- Plenary Talk** **Title: Molecular Characterisation and Monitoring of Avian Paramyxovirus type 1 in Poultry of Libya**
Abdulwahab Kammon, University of Tripoli, Libya
- Plenary Talk** **Title: Engineering carbon-based nanomaterials for cancer therapy and bioimaging**
Gil Goncalves, Institute of Material Science of Barcelona , Spain
- Plenary Talk** **Title: Emerging renewable energy can reduce load shedding**
M Harun ur Rashid Babu , Protibandhi Shohojogita sanghstha(BPSS), Bangladesh
- Plenary Talk** **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

Speaker Opportunity Available

Panel Discussion

Day 2

24-Jul-18

- Keynote Talk** **Title: Nitric Oxide and Heart Disease: New Discoveries and Innovations in Diagnostics and Therapeutics**
Nathan S. Bryan, Baylor College of Medicine, USA
- Keynote Talk** **Title: Bacteriophage display of peptides for functional degradomics and other applications**
Navneet Sharma, University of Calgary, Canada
- Keynote Talk** **Title: Thermostable Enzymes Involved in Alcohol Fermentation at High Temperatures**
Kesen Ma, University of Waterloo, Canada
- Keynote Talk** **Title: Electronic water can reduce oxidative stress in cancer and diabetes patients for three weeks drinking**
Masahiro Onuma , Trisguide Ltd, Japan

Poster Session

- ABC 01** **Title: Treatment with low-temperature atmospheric pressure plasma enhances cutaneous delivery of epidermal growth factor by regulating E-cadherin-mediated cell junctions**
Gyoo-Cheon Kim, Pusan National University, Republic of Korea
- ABC 02** **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
- ABC 03** **Title: Elaboration of active chitosan/Polyvinyl alcohol film reinforced with zinc oxide nanoparticles for food packaging**
Yulieth Ramos, University of Cartagena, Colombia
- ABC 04** **Title: Structural Elements of a Therapeutic Vaccine against Hepatitis B Virus**
Abdul Hai, Northern Border University, Saudi Arabia
- ABC 05** **Title: Elaboration of active chitosan/Polyvinyl alcohol film reinforced with zinc oxide nanoparticles for food packaging**
Natalia Coneo, University of Cartagena, Colombia
- ABC 06** **Title: Pro- apoptotic effects of Parthenolide on MDA-MB-468 human breast cancer cells**
Reyhane Hoshyar, Birjand University of Medical Sciences, Iran

ABC 07

Title: Time dependent degradation of polyphenols from thermal processed berries and their in vitro antiproliferative effects against melanoma

Diaconeasa Zorita, University of Agricultural Sciences and Veterinary Medicine, Romania

Plenary Session

Plenary Talk

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

Plenary Talk

Title: Dasatinib Sensitizes Triple Negative Breast Cancer Cells to Chemotherapy by Targeting Breast Cancer Stem Cells

Jun Tian, McGill University, Canada

Plenary Talk

Title: Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs or in pharmaceutical industry

Prakash Kinthada, JNTU University, India

Plenary Talk

Title: Targeting therapy of hepatocarcinoma by a peptide directed doxorubicin / miRNA liposome

Yingchun Hou, Shaanxi Normal University, China

Plenary Talk

Title: The anti-cancer properties of crocin and epirubicin on chemosensitive cervical cancer cells

Reyhane Hoshyar, Birjand University of Medical Sciences, Iran

Plenary Talk

Title: Gene polymorphism in XPG and breast cancer risk

Masood N, Fatima Jinnah Women University, Pakistan

Plenary Talk

Title: Promoter methylation quantification of four tumor suppressor gene in papillary thyroid cancer tissues

Fatemeh Khatami, Tehran University of Medical Sciences, Iran

Plenary Talk

Title: Phytochemical and Trace Heavy Metal Composition of *Manihot esculenta* (Crantz) and *Manihot glaziovii* (Muell. Arg) Complex in Nigeria

Nduche U. Michael, Michael Okpara University of Agriculture, Nigeria

Plenary Talk

Title: Tissue specificity and strength of cotton fiber genes

Ammara Masood, University of Central Punjab, Pakistan

Plenary Talk

Title: Speaker Opportunity Available

Plenary Talk

Title: Speaker Opportunity Available

Speaker Opportunity Available

Panel Discussion

Award ceremony

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