

2nd World congress & Expo on **Biotechnology and Bioengineering**

June 25-27, 2018 Dubai, UAE

Scientific Program >>



Bio Core Group
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Scientific Program

Day-1 (June 25, 2018)

08:00-09:30 Registrations

Welcome Coffee Break @ Foyer B 08:30-08:45

Emirates A

09:30-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:35 **Sharad K Yadav**

Prof & Head Microbiology & Immunology Veterinary University, Mathura, India

10:35-11:05 **John Owen Roberts**

Independent Researcher, United Kingdom

Group Photo Coffee Break @ Foyer B 11:05-11:20

11:20-11:50 **You Jin-Zong**

Zhejiang International Studies University, China

11:50-12:20 **Faizah A AlMalki**

University of Sheffield, UK. Faculty of Science, Taif University, Saudi Arabia

Major Session:

Plant and Animal Biotechnology, Cell Culture, Food and Nutrition Biotechnology

Session Chair: Updated Soon

Session Co-Chair: Updated Soon

12:25-12:45 **Title: Non-wood forest products in the Caucasus and patterns of genetic erosion of forests rare flora after breakup of the USSR**

Arnold Gegechkori, Tbilisi State University, University str.2, Tbilisi, Georgia

12:45-13:05 **Title: Experiences for the Approval of Bt Eggplant in Bangladesh**

G.P. Das, Former Country Coordinator, Agricultural Biotechnology Support Project II (ABSPII)/ Feed the Future (FtF) South Asia Egg plant Improvement Partnership, Bangladesh

Lunch Break @ Foyer B 13:05-13:50

13:50-14:10 **Title: Ameliorative Effect of Triticum aestivum leaf extract against Arsenic – Induced Toxicity in Intestine of Swiss Albino mice**

Radhika Sharma, The IIS University, Jaipur, India

14:10-14:30 **Title: Tissue culture and Physio- Biochemical studies of Mucuna pruriens L. (DC)-an important medicinal plant**

Iram Siddique, Aligarh Muslim University, Aligarh, India

14:30-14:50 **Title: Study on Immunostimulatory and Growth promoting potential of Guduchi (Tinospora cordifolia) in fingerlings of Amur carp (Cyprinus carpio haematopterus)**

Rikhi S. Chauhan, University of Agriculture & Technology Pantnagar, Uttarakhand, India

14:50-15:10 Title: Evaluating two automatic irrigation systems based on ET controllers under subsurface drip irrigated tomato crop

Mohamed Said Abdalla El Marazky, Agriculture Research Center, Dokki, Egypt

Coffee Break @ Foyer B 15:30-15:45

15:10-15:30 Title: Survey of phytochemical profile, proximate composition and antibacterial activities of garcinia kola seeds and vernonia amygdalina leaves on multi-drug resistant staphylococcus aureus isolated from outpatients abuja, Nigeria

Opara John-kennedy, Department of Plant Science and Biotechnology, University of Jos, Nigeria

15:45-16:05 Title: Isolation, identification and investigation of the antioxidant activities of compound from Costus Afer

Victor Olugbenga Fadipe, Federal Ministry of Science and Technology, Abuja, Nigeria

16:05-16:25 Title: Meat quality and hematological indices of Oreochromis niloticus fish experimentally exposed to Escherichia coli toxins

Amal Mohammed Yacoub, National Institute of Oceanography and Fisheries, Egypt

Major Session:

Genetic Engineering and rDNA Technology

Session Chair: Updated Soon

Session Co-Chair: Updated Soon

16:25-16:45 Title: Nitrogen and Oxygen intermediates and antibody mediated platelet cytotoxicity as prognostic markers for Dengue severity

Sunil Premawansa, University of Colombo, Srilanka

16:45-17:05 Title: Cloning and Expression of Recombinant Human Insulin gene in Pichia Pastoris

Rafid, Bagdad university, Iraq

17:05-17:25 Title: Horizontal gene transfer through plasmid transport: multiple stress tolerance in bacteria

Erum Shoeb Nasir, University of Karachi, Pakistan

17:25-17:45 Title: Genomic Variability and hosts of Turkish Apple mosaic virus (ApMV) isolates

Filiz Ertunc, Ankara University, Turkey

17:45-18:05 Title: Genetic diversity analysis using microsatellite marker in labeo gonius (HAMILTON, 1822) from two reservoirs of uttarakhand

Mohd Danish, College of Fisheries, Pantnagar-263145, India

18:05-18:25 Title: Production and characterization of recombinant enzymes for the poultry feed industry

Muhammad Tayyab, University of Veterinary and Animal Sciences, Lahore, Pakistan

18:25-18:45 Title: Recombinant therapeutic for treatment of mastitis

Sehrish Firyal, University of Veterinary and Animal Sciences, Lahore, Pakistan

18:45-19:05 Title: Detection of erg11 gene expression by triazole resistant candida albicans isolated from apparently healthy women in abakaliki metropolis, ebonyi state, Nigeria

Agumah Nnabuife, Ebonyi state university. Abakaliki. Nigeria

Day-2 (June 26, 2018)

08:30-09:00 Registrations

Welcome Coffee Break @ Foyer B 08:30-08:45

Emirates A

Keynote Forum

09:00-09:30 **Muhammad Usman**

Former Director General Agriculture Research System, KPK-Pakistan

09:30-10:00

Group Photo Coffee Break @ Foyer B 10:00-10:15

Major Session:

Pharmaceutical Biotechnology, Biochemistry, Toxicology and Safety

Session Chair: Updated Soon

Session Co-Chair: Updated Soon

10:15-10:35 **Title: Implications of the link between the Periodic Table and the Standard Model**

John Owen Roberts, Independent Researcher, United Kingdom

10:35-10:55 **Title: Structural Studies on Trypanosoma brucei Flap Endonuclease Wild type (TbFEN-WT)**

Faizah A AlMalki, University of Sheffield, UK. Faculty of Science, Taif University, Saudi Arabia

10:55-11:15 **Title: Comparison of different surface energy determination methods to expose protein interaction behavior onto chromatographic supports**

Muhammad Aasim, University of Malakand, Lower Dir, 18000, Khyber Pakhtunkhwa, Pakistan

11:15-11:35 **Title: Determination of arylamine N-acetyltransferase 2 acetylation genotype by PCR and phenotyping using dapson through high-pressure liquid chromatography assay; A gender wise study**

Naheed Akhter, University, Faisalabad-Pakistan

11:35-11:55 **Title: Thermal decomposition mechanism of piroxicam**

You Jin-Zong, Zhejiang International Studies University, China

11:55-12:15 **Title: Efficacy and safety of Linkus, Aminophylline diphenhydramine and acefyllin piperazine for the treatment of cough in children**

Hina Rehman, Jinnah University for Women, Karachi, Pakistan

12:15-12:35 **Title: Marine resource: a source of biomolecule to combat biofouling**

Arunachalam Palavesam, Manonmaniam Sundaranar University Tirunelveli – 627 012, Tamilnadu, India

12:35-12:55 **Title: Microbial and Enzymatic technologies as tools to enhance the extraction of bioactive compounds from agroindustrial wastes**

Cristobal Noe Aguilar, Universidad Autonoma de Coahuila, Saltillo, 25280, Mexico

Lunch Break @ Foyer B 12:55-13:40

Posters Sessions 13:40-14:40

- P-001 **Title: Radiological and ultrasonographical findings of hepatobiliary affections in dogs**
Emilian Shabani, Agricultural University of Tirana Albania
- P-002 **Title: Circulating tumor cells (CTC) genotyping in lung cancer diagnosis and decision making**
Andrea Mancuso, Villa Margherita Cancer Center, Italy, Rome
- P-003 **Title: Molecular characterization of two novel peroxidases produced by Bjerkandera adusta strain CX-9**
Bouanane-Darenfed, USTHB, Algeria
- P-004 **Title: QSAR analysis of antitumor activity of new quinoline-arylamidine hybrids**
Vesna Rastija, J.J. Strossmayer University, Osijek, Croatia
- P-005 **Title: Insight into litter decomposition driven by nutrient demands of living plant system through the bridge arbuscular mycorrhizal fungi**
Xingjun Tian, Nanjing University, Republic of China
- P-006 **Title: Expressing of the SUC2 gene of Saccharomyces cerevisiae encoding of invertase apoplasmic localization in Solanum tuberosum plants results in multiple physiological changes associated with cold resistance**
Deryabin Alexander, K.A. Timiryazev Institute of Plant Physiology of the Russian Academy of Sciences, 35, Botanicheskaya Street, Moscow, Russian Federation
- P-007 **Title: Biological control of leaf spot causing fungal pathogens in red edge dracaena and sow thistle**
Sobiya Shafique, University of the Punjab, Lahore, Pakistan
- P-008 **Title: Identification and Management of Alternaria ochroleuca – A Cause of Leaf Necrosis in Money Plant**
Shazia Shafique, University of the Punjab, Lahore, Pakistan
- P-009 **Title: Molecular docking of sesquiterpene lactones and their derivatives for anthelmintic activity**
Sergazy M. Adekenov, JSC International Research and Production Holding Phytochemistry, Karaganda, the Republic of Kazakhstan
- P-010 **Title: Solvatochromic dye LDS 798 as microviscosity and pH probe**
Micheline Bejjani, American University in Dubai, Dubai, UAE
- P-011 **Title: Lichen biota of some industrial cities of azerbaijan and directions of use in biomonitoring**
Vaqif Novruzov, Ganca State University, Azerbaijan
- P-012 **Title: The Thermal Decomposition Mechanism of Irbesartan**
Wang Xue-Jie, Zhejiang International Studies University, Hangzhou, China
- P-013 **Title: Overexpression of the Pleiotropic Regulator Cody Decreases Sporulation, Attachment and Pellicle Formation in Bacillus anthracis**
Monisha Gopalani, Jawaharlal Nehru University, New Delhi, India
- P-014 **Title: Identification, Functional Characterization and Regulon Prediction of a Novel Two Component System Comprising BAS0540-BAS0541 of Bacillus anthracis**
Divya Kandari, Jawaharlal Nehru University, New Delhi, India
- P-015 **Title: Immediate loading restoration Zygoma in the atrophies Maxilla**
Galina Ciobanu, University of Medicine and Pharmacy of Chisinau, Moldova

P-016 **Title: Macrocycles as protein-protein interactions specific potential inhibitors for Arabidopsis group A protein phosphatases type 2C**
Syed Muhammad Muntazir Mehdi, Adam Mickiewicz University in Poznan, Poland

Best Poster Award Presentation

Coffee Break @ Foyer B 14:40-14:55

Major Session:
Biotechnology in Medical and Health Care

Session Chair: Updated Soon

Session Co-Chair: Updated Soon

- 14:55-15:15** **Title: Neutron nucleuses (P, F, S, etc) and γ -ve long distance Molecules are so imp to heal & recover from cancer & from many other diseases. and the using of fluorocitrate, phosphatase, and. Guaninephosphoribosyltransferase+6phosphogalactosidase for tumor contents ionization and rebuilding the long distance useful molecules from tumor samples**
Ashraf El Tantawi, Biochemistry molecular biology, Egypt
- 15:15-15:35** **Title: Incidence rate and risk factor for kidney stones in Pakistan community**
Muhammad Akram, GC University, Faisalabad, Pakistan
- 15:35-15:55** **Title: Current Scenario of Biotechnology**
Vaibhav, CSIR-NISTADS, R&D, India
- 15:55-16:15** **Title: Real time foot pressure measurement for early investigation of ulcer Formation**
P. Jayanthi, Sri Ramakrishna Engineering College, India
- 16:15-16:35** **Title: Evaluation of a locally formulated hand sanitizer (edifaco) and some commercially available hand sanitizers sold within jos-plateau state**
Edith Adanna Onwuliri, (ACEPRD).University of Jos, Plateau State, Nigeria
- 16:35-16:55** **Title: Utility Of Facodethylene Mouth Washes For Oral Hygiene Practice And Prevention Of Dental Diseases**
Festus Chukwuemeka onwuliri, (ACEPRD).University of Jos, Plateau State, Nigeria
- 16:55-17:15** **Title: Prescribers' compliance with quinine use for treating uncomplicated malaria in the first trimester of pregnancy in polyclinics in accra**
Isaac Nkrumah, School of public health, university of ghana, legon, Ghana
- 17:15-17:35** **Title: Stem cells derived condition medium augments the inflammation reduction**
Sana Javaid Awan, University of Lahore, Pakistan
- 17:35-17:55** **Title: Synthesis and preclinical investigation of $^{99m}\text{Tc-p-SCN-Bzl-DTPA}$ Cetuximab for EGFR imaging in Head and Neck Squamous Cell Carcinoma (HNSCC)**
Syed Qaiser Shah, Institute of Chemical Sciences, University of Peshawar, Peshawar, Pakistan
- 17:55-18:15** **Title: Cognizance of Vitamin D and Its Deficit in Young Adults of Dubai, UAE**
Anushka Lydia, Birla Institute of Technology and Science, Pilani, Dubai Campus, U.A.E
- 18:15-18:35** **Title: Early detection of myocardial Infraction using biosensor**
V.s. Srimathi, JSS Institute of Naturopathy and Yogic Science, Coimbatore, India

Day-3 (June 27, 2018)

09:00-10:00 Registrations

Welcome Coffee Break @ Foyer B 08:30-08:45

Emirates A

Major Session: Microbiology

Session Chair: Updated Soon

Session Co-Chair: Updated Soon

- 10:00-10:20** Title: **A novel protocol for bacterial ghosts' preparation using tween 80**
Sameh Rabea, Alkayyali Chair for Pharmaceutical Industries. College of pharmacy king Saud University Riyadh, Saudi Arabia
- 10:20-10:40** Title: **Active metabolites of the marine strain Streptomyces sundarbansensis with highest and selective antibacterial activity against MRSA**
Mouloud Kecha, Faculty of Nature and Life Sciences Algeria
- 10:40-11:00** Title: **Fermentation strategy for enhancing phytase production under dmannitol co-induction in pichia pastoris**
Ndayambaje Jean Bernard, University of Rwanda, Rwanda
- 11:00-11:20** Title: **Enhanced ethanol production from lignocellulosic wastes by indigenously isolated mixed culture of Saccharomyces and Candida using Box Behnken Design**
Shagufta Kamal, Government College University, Faisalabad 38000, Pakistan

Group Photo Coffee Break @ Foyer B 11:20-11:35

Major Session: Cell and Molecular Biology

Session Chair: Updated Soon

Session Co-Chair: Updated Soon

- 11:35-11:55** Title: **Lipid production and molecular dynamics simulation for regulation of acc gene(s) in cyanobacteria under different N and P stress condition**
Roshan, Central University of Punjab, Bathinda, India
- 11:55-12:15** Title: **Effect of osmoticum and silica-gel desiccation on somatic embryogenesis from callus cultures of Bignonia adenophylla dc**
Muhammad Akram, University of the Punjab, Lahore, Pakistan
- 12:15-12:35** Title: **Can rule based techniques predict osseointegration around hip stems?: A finite element study based on evolutionary interfacial conditions**
Souptick Chanda, Indian Institute of Technology Guwahati, Guwahati, Assam, India
- 12:35-12:55** Title: **Production of keratinase by Bacillus atrophaeus BN2**
Nawel Boucherba, University A/Mira of Bejaia, Algeria

Lunch Break @ Foyer B 12:55-13:40

Major Session:

Environmental Biotechnology, Bioenergy, Biofuels, Biorefinery and Biogas

Session Chair: Updated Soon

Session Co-Chair: Updated Soon

13:40-14:00 Title: **Human, Urban and Environmental-Induced Alterations in Mangroves Pattern along Arabian Gulf Coast, Eastern Province, KSA**

Sameh A. Amin, College of Science/Imam Abdulrahman Bin Faisal university, KSA

14:00-14:20 Title: **Bio-prospecting Ornamental Plants for Environmental and Industrial Applications**

Aliyu Ahmad Warra, Federal University, Gusau, Nigeria

Closing Ceremony