3rd World congress & Expo on Biotechnology and Bioengineering & Nanotechnology & Materials Science
September 02-03, 2019 Dubai, UAE

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Day-1 (September 02, 2019)

08:00-08:45 Registrations

08:45-09:00 Opening Ceremony

Keynote Forum

09:00-09:05 Introduction
Aziz Koleilat
Makased University General Hospital, Lebanon.

09:05-09:35 Muhammad Usman
Former Director General Agriculture Research System, KPK, Pakistan.

09:35-10:05 Group Photo
Coffee Break 10:05-10:20

Major Session:
Biotechnology and Nanotechnology in Medical and Health Care, Environmental Biotechnology, Bioenergy, Biofuels, Biorefinery and Biogas

10:20-10:40 Title: Exploring the Inter Play between VCT Service Delivery and It’s amongst Primary School Teachers in South-West Ethiopia
Bediru Abamecha, Keamed Medical College, Ethiopia.

10:40-11:00 Title: Surface Plasmon Resonance for C-Reactive Protein Detection in Human Plasma
Farid Menaa, Director and Independent Consultant Departments of Internal Medicine and Nanomedicine California Innovations Corporation, USA.

11:00-11:20 Title: Exciting Effects of Tannin Nanoparticles (NP99) on MCF-7 Human Breast Cancer Cells
Faizah Almalki, Biology Department, Taif University, Saudi Arabia.

11:20-11:40 Title: Human Papillomavirus Infection in Genital Women in Four Regions of Senegal
El Hadji Seydou Mbaye, World Health Organization, Senegal.

11:40-12:00 Title: Nanotechnology for Nanotheranostics use in treating oral cancer – My Experience
Mahesh Kp, Oral Medicine And Radiology, Jss Dental College and Hospital, India.

12:00-12:20 Title: Smoking (Waterpipe and Cigarette) and Obesity among University Students in UAE and Palestine: Cross-Sectional Study
Haleama Al Sabbah, Health Sciences Department, Zayed University, Dubai, UAE.

12:20-12:40 Title: Prediction of environmental indicators in land leveling using artificial intelligence techniques
Isham Alzoubi, School of Surveying Geospatial Engineering, University of Tehran, Iran.

12:40-13:00 Title: New Technical Method on the Study Of Paleontology Science
Adel Ali A. Hegab, Geology Department, Faculty of Science. Assiut University, Egypt.

Lunch Break 13:00-13:35

Islam M. I. Moustafa, Faculty of Science, Benha University, Benha, Egypt.

Major Session:
Genetic Engineering, Pharamaceutical Biotechnology, Polymer Technology, Industrial Pharmacy

13:55-14:15 Title: Effects of Vacuum Packaged Frozen Storage Duration Meat Quality and Muscle Structure of Four Commercial Broiler Strains
Sher Ali, University of Veterinary & Animal Sciences, Lahore, Pakistan.

14:15-14:35 Title: Multi-Compartment Encapsulation of Communicating Droplets and Droplet Networks in Hydrogel as a Model for Artificial Cells
Mariam Bayoumi, Department of Chemistry, KU Leuven, Celestijnenlaan, Belgium.

14:35-14:55 Title: Real Time Polymerase Chain Reaction: An Excellent Model Technology in Gene Expression and Analysis in Different Scientific Researches
Muhammad Sulaman Saeed, University of Agriculture, Faisalabad, Pakistan.

14:55-15:15 Title: Extraction of Urea and Creatinine by Adsorption onto Pure Micro-and Mesoporous Silica Materials
Hadj Hamaizi, College of Sciences, University of Oran, Algeria.

15:15-15:35 Title: Generation of Long Acting Therapies using Glycosylated Linkers
Abdulrahman Theyab, Security Forces Hospital, Makkah, Saudi Arabia.

15:35-15:55 Title: Experimental Analysis of Low Density Poly Ethylene Effect on the Mechanical Properties of Poly Ethylene Vinyl Acetate for Prosthetic and Orthotic Application
Yenealem Yilma, Ethiopia Biotechnology Institute, Addis Ababa, Ethiopia.

15:55-16:15 Title: Substituted cerate nanomaterials for electrocatalysis applications
Naveed Kausar Janjua, Department of Chemistry, Quaid-i-Azam University, Pakistan.

16:15-16:35 Title: Computer Analysis of the Heterogeneous Surfaces using the Unique Fast Multivariant Procedure with the New Clustering based Adsorption Models
Miroslaw Kwiatkowski, AGH University of Science and Technology, Poland.
08:00-08:45 Registrations

08:45-09:00 Opening Ceremony

Major Session:
Plant and Animal Biotechnology and Cell Culture

09:00-09:05 Introduction

09:05-09:25 Title: Evaluation of Agrobacterium-mediated Transformation of Two Nigerian Cassava (Manihot esculenta Crantz) cultivars TME 419 and “Okwuoto”
Nkaa FA, Michael Okpara University of Agriculture, Umudike, Abia State, Nigeria.

09:25-09:45 Title: Volutin-acidocalcisomes of some prokaryotes and unicellular eukaryots as stress targets:electronmicroscopic investigations
Karlen Hovnanyan, NAS RA, Armenia.

09:45-10:05 Title: A study on Ethnobotany, Phytochemical and Pharmacological Profile: Particularly Antioxidant activity and Antifungal activity in Mimusops Elengi
Syeda Shaista Gillani, Department of Chemistry, Lahore Garrison University, Pakistan.

10:05-10:25 Title: Effect of Physicochemical Factors on the Biodegradation of Phenol by Pseudomonas putida ATCC12842 and Pseudomonas fluorescens ATCC 948
Fatimah Alsheheiri, Umm AlQura University, Saudi Arabia.

10:25-10:45 Title: Nanoherbicide for Food Safety of Soybeans in Georgia
Avtandil Korakashvili, Georgian National Academy of Sciences, Georgia.

10:45-11:00 Coffee Break

11:00-11:20 Title: Genetic variability and correlation study of high yielding mutants of (Brassica napus L) canola type cultivar Rainbow through gamma rays radiation
Mohammad Aquil Siddiqui, Nuclear Institute of Agriculture (NIA), Tandojam Sindh, Pakistan.

11:20-11:40 Title: Prevalence of Trichomonas Vaginalis and Triazole Resistant Candida Albicans Expressing ERG11 Gene among Adult Females in Abakaliki, Ebonyi State
Agumah N. B, Ebonyi State University, Nigeria.

11:40-12:00 Title: Genetically Intervention in Agriculture, Food, Biotechnology and Nutrition Studies
Samson Ishola Ibironke, Obafemi Awolowo University, Nigeria.

12:00-12:20 Title: Development and Characterization of a Nanostructured Magnetic Alloy
Mebrek Smain, Research Center in Industrial Technologies CRTI, Algeria.

12:20-12:40 Title: Novel Variants Associated with Breast Cancer in Saudi Population
Yousef M Hawsawi, King Faisal Specialist Hospital and Research Centre, Kingdom of Saudi Arabia.

12:40-13:00 Title: Mathematical Model for Controlling the Peripheral Zone Temperature of the Blast Furnace
Jimoh S.o, Department of Industrial and Production Engineering, Ambrose Alli University, Nigeria.

13:35-13:55 Title: 2D-MoS 2 nanosheets: a promising nanomaterial for the electrochemical detection of biomolecules
Ramzi Maalej, University of Sfax, Tunisia.

Lunch Break 13:00-13:35
### Scientific Program

**13:55-14:15**  
**Title:** HydroSeal Consultancy Global non-destructive corrosion inspection, consult and repair for pipelines and tanks  
**Ronald Arnoldt,** Hydrosealglobal Qatar, Nederland. Partner: Farnest Engineering ESC Rotterdam Area, Netherlands.

**14:15-14:35**  
**Title:** Enhanced Production of Andrographolide Through the Effect of Gamma Irradiation on Andrographis Paniculata  
**Susila Kuruvilla,** Department of Botany, St. Joseph’s College for Women, India.

### Poster Sessions 14:35-15:35

**P-01**  
**Title:** Technological properties of the EPS-producing strains  
**Kersani Imene,** Laboratory of Biology of Microorganisms and Biotechnology “LBMB”, University of Oran Ahmed Ben Bella, Algeria.

**P-02**  
**Title:** Identification and validation of new polymorphic microsatellite loci for the analysis of genotypes of Phytophthora infestans, an important global pathogen  
**Haya Khalid,** Defence Institute of Bio-Energy Research (DRDO), India.

**P-03**  
**Title:** Phosphorus Solubilization by fungus isolated from iron mining tailings  
**José Daniel Gonçalves Vieira,** Universidade Federal de Goiás, Goiânia, Brazil.

**P-04**  
**Title:** DFT study and theoretical NLO behavior of some hydroacridines  
**Maria Marinescu,** Department of Organic Chemistry, Biochemistry and Catalysis University of Bucharest, Romania.

**P-05**  
**Title:** Tribological study of a bronze obtained by sintering proceeds  
**Keraghel Fatiha,** Optique et Mécanique de Précision, Universitée Farhat Abbas, Algeria.

**P-06**  
**Title:** Marker assisted selection for resistance to tan spot toxins Ptr ToxA Pyrenophora tritici-repentis in wheat  
**A. Kokhmetova,** Laboratory of Genetics and Breeding, Institute of Plant Biology and Biotechnology, Kazakhstan.

**P-07**  
**Title:** Use of Nano-Technology in Highway Engineering  
**Khan Mohammad Shinwaray,** Kabul traffic Deparment, Afghanistan.

**P-08**  
**Title:** Assessing Genetic Variation for drought tolerance and heat stress of wheat genotypes by using SSR markers  
**Mukti Ram Poudel,** Agriculture and Forestry University, Nepal.

**P-09**  
**Title:** Association of time and intensity of behavioural alerts with milk yield  
**Lenka Krpalkova,** School of Science Technology Engineering and Maths (STEM). Institute of Technology Tralee, Ireland.

**P-10**  
**Title:** E.coli Expression of HA gene of H9N2 of Influenza Virus  
**Tahir Rehman Samiullah,** Centre of Excellence in Molecular Biology, University of the Punjab, Pakistan.

**P-11**  
**Title:** Efficient temperature sensing and photometric characterization of Er/Yb implanted GaN thin films  
**Ramzi Malaiej,** University of Sfax, Tunisia.

**P-12**  
**Title:** Improving quality of water from Murchison bay using clay composites  
**Mukasa-Tebandeke, I.Z,** College of Natural Sciences, Makerere University, Uganda.

**P-13**  
**Title:** Statistical analysis of fatigue test in jute reinforced polyester composites using Weibull distribution  
**Djamel Djeghader,** Mohammed Sedik Benyahia University, Algeria.

**P-14**  
**Title:** A novel therapeutic effect of Callus from Rosa damascena that suppresses Human T-cell Activation: Medicine from Cultured Cells  
**Sarah Albogami,** Biotechnology Department, Taif University, Kingdom of Saudi Arabia.
P-15  Title: Emulsified spray dried alginate microparticles: A novel carrier for the dually acting drug roflumilast  
Nermeen A. Elkasabgy, Cairo University, Kasr El-Aini Street, Egypt.

P-16  Title: Levy swimmer in an asymmetric channel  
Maryam Fathian, University of zanjan, Iran.

P-17  Title: Effect of Active Cigarettes Smoking, Water-Pipe Smoking and Snuff (Naffa) Inhalation an Bmi, Lipid Profile, and Plasma Glucose. A Case Control Study of Libyan Males  
Alemam H, Biotechnology Research Center (BTRC), Twesha, Tripoli, Libya.

P-18  Title: The convergence of technologies, generates convergence in the regulations  
Guillermo Valdes Mesa, Quality Department Biomaterials Center. University of Havana, Cuba.

P-19  Title: Semi-Sports Games for the Development of the Motor side of the School Child.  
Hadjadj Saad, University of Annaba, Algeria.

P-20  Title: Chitosan Nanoparticles Containing Rhubarb Loaded Hydrogel For Wound Healing  
Wejdan Mohammed Ali Alshamrani, Taif University, College of Pharmacy, Kingdom of Saudi Arabia.

P-21  Title: Evaluation of Human Mesenchymal Stem Cells’ growth on Electrospun Poly Nanoﬁber  
Tina Shaffaf, Faculty of Sciences, Shahid Chamran University, Ahwaz, Iran.

P-22  Title: Association of Leptin G-2548A Gene Polymorphism With Increased Plasma Leptin, Glucose And Blood Pressure In Saudi Obese Patients  
Lotfi Saeed Bin Dahman, Hadhramout University, Mukalla, Yemen.

P-23  Title: Production of inoculum rhizobien for the recovery of sludge from the wastewater treatment plant  
Mesbah Nadjet, University of Oran Ahmed Benbella, Algeria.

P-24  Title: Development of Controlled Modular Tank for Inland Fish Farming  

Foyer B  Best Poster Award Presentation

Closing Ceremony