

**3rd World congress & Expo on
Biotechnology and Bioengineering
&
Nanotechnology & Materials Science**

September 02-03, 2019 Dubai, UAE



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Scientific Program

Day-1 (September 02, 2019)

08:00-08:45 Registrations

08:45-09:00 **Opening Ceremony**

Keynote Forum

09:00-09:05 **Introduction**

09:05-09:35 **Aziz Koleilat**

Makased University General Hospital, Lebanon.

09:35-10:05 **Muhammad Usman**

Former Director General Agriculture Research System, KPK, Pakistan.

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 Mena, 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

13:35-13:55 **Title: Photocatalytic Removal of Organic Pollutants from Industrial Wastewater Using MnO, NiO and Mixed MnO-NiO NP's as Catalyst**

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

13:55-14:15 **Title: New Intelligent control strategy by robust Neural Network algorithm for real time detection of an optimized maximum power tracking control in photovoltaic systems**

Wassila. Issaadi, Faculty of Technology, University of Bejaia, Algeria.

Scientific Program

Major Session:

Genetic Engineering, Pharmaceutical Biotechnology, Polymer Technology, Industrial Pharmacy

- 14:15-14:35** **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.
- 14:35-14:55** **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.
- 14:55-15:15** **Title: In vitro Anti-bacterial Activity of Alcoholic Extract of Zingiber officinale Rhizomes Combined with Amoxicillin and Cefixime (Herbal- Drug Interactions)**
Mohamed Mirghani, International University of Africa, Khartoum, Sudan.
- 15:15-15:35** **Title: Extraction of Urea and Creatinine by Adsorption onto Pure Micro- and Mesoporous Silica Materials**
Hadj Hamaizi, College of Sciences, University of Oran, Algeria.
- 15:35-15:55** **Title: Generation of Long Acting Therapies using Glycosylated Linkers**
Abdulrahman Theyab, Security Forces Hospital, Makkah, Saudi Arabia.

Coffee Break 15:55-16:10

- 16:10-16:30** **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.
- 16:30-16:50** **Title: Substituted cerate nanomaterials for electrocatalysis applications**
Naveed Kausar Janjua, Department of Chemistry, Quaid-i-Azam University, Pakistan.
- 16:50-17:10** **Title: Computer Analysis of the Heterogeneous Surfaces using the Unique Fast Multivariant Procedure with the New Clustering based Adsorption Models**
Mirosław Kwiatkowski, AGH University of Science and Technology, Poland.

Exploring Scientific Community

Scientific Program

Day-2 (September 03, 2019)

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 eukaryotes 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**

10:25-10:45 **Fatimah Alshehrei**, Umm AlQura University, Saudi Arabia.

Title: Nanoherbicide for Food Safety of Soybeans in Georgia

Avtandil Korakhashvili, Georgian National Academy of Sciences, Georgia.

Coffee Break 10:45-11:00

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 Ibrinke, Obafemi Awolowo University, Nigeria.

Major Session:

Nanomaterials, Nanostructures, Materials Science & Engineering, Nanosensors

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.

Lunch Break 13:00-13:35

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

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- 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, Université 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 Department, 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 Maalej, 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: Emulsified spray dried alginate microparticles: A novel carrier for the dually acting drug roflumilast**
Nermeen A. Elkasabgy, Cairo University, Kasr El-Aini Street, Egypt.

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- P-15** **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-16** **Title: Levy swimmer in an asymmetric channel**
Maryam Fathian, University of zanja, 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 Nadjjet, University of Oran Ahmed Benbella, Algeria.
- P-24** **Title: Development of Controlled Modular Tank for Inland Fish Farming**
Abd Jalil Bin Abd Hamid, Malaysian Nuclear Agency, Malaysia.

Coffee Break 15:35-15:50

Best Poster Award Presentation

Closing Ceremony