



BioCore

Exploring Scientific Community

Tentative Program



2nd World Congress & Expo on

Nanotechnology & Materials Science

**June 25-27,
2018
Dubai, UAE**

Conference Secretariat

BioCore Group, 3409 Grove Gate CT, APT-1712,
Richmond-23233, Virginia, USA

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Tentative Program

Day-1 (June 25, 2018)

Nanomaterials, Nanostructures, Materials Science & Engineering

Title: Self-assembly and complex fluids based on anisotropic nanoparticles & macromolecules and their applications

Presenting Author: Gabriel Jean-Christophe, Deputy Director of CEA's Nanoscience funding program, France

Title: The Influence of Nano Silica on the Heat Resistance of Cement Mortar

Presenting Author: Wail Nourildean Al-Rifaie, Philadelphia University of Amman, Jordan

Title: Active Force Nanomaterial for direct heat conversion to get propulsion force

Presenting Author: Alexander V. Frolov, Russian independent research scientist, Russian Federation

Title: Synthesis and selective urease inhibition activity of N- Substituted methyl 5-acetamido- β -resorcyate based Ag nanomaterials

Presenting Author: Syeda Sohaila Naz, Quaid-i-Azam University Campus, Pakistan

Title: Nanomaterials and their Potential Applications

Presenting Author: M.A.Shah, P.G Department of Physics National Institute of Technology Srinagar, India

Title: High Entropy Alloys: Materials, Processing, Synthesis & Applications

Presenting Author: A. Kanni Raj, Veltech Dr.RR & Dr.SR Technical University, India

Title: Biologics Industry: Operational and Technical Challenges for Drug Development, Scale Up Higher Scale Manufacturing

Presenting Author: Sumant Chaubey, Maharaja Sayajirao University, Vadodara, Graduation B.Sc.-Zoology and Chemistry -Banaras Hindu University, Varanasi , India

Title: Microstructural Properties of ZnO Powder Nanostructures Prepared by Mechanical Alloying

Presenting Author: Oudjertli Salah, University of Badji Mokhtar Annaba, Algeria

Title: Formulation of Exemestane HCl solid lipid nanoparticles for bioavailability enhancement by high speed homogenizer

Presenting Author: Bhupendra Prajapati, Shree S.K.Patel College of Pharmaceutical Education and Research,Ganpat University, Gujarat, India

Title: Gas Chromatographic Method for Estimation of Organic Volatile Impurities

Presenting Author: Rahul Hajare, Indian Council of Medical Research, India

Nanotechnology, Nano Science

Title: Nanotechnology to Improve Dyeability of wool fibers with saffron yellow and red mixture

Presenting Author: Nagia Farag Ali, Dyeing and printing department, National Research Centre, Egypt

Title: Evaluation of Soysoap Formula S-101 and S-102 For Activity Against Gram-Positive Plant Pathogenic Bacteria

Presenting Author: Don Wilshe, Owner, Biobased USA, USA

Title: Bioanalytical method development and biological assessment of terbinafine hcl in vivo from nanoemulsion and other dosage forms

Presenting Author: Gampa Vijaya Kumar, Department of Pharmacy, KGR Institute of Technology and Management, India

Title: Synthesis of Magnetite Nanoparticles Obtained by Solution Combustion Method

Presenting Author: Aidos Lesbayev, Institute of Combustion Problems, Almaty, Kazakhstan

Title: Analysis of Wideband Millimetre Wave PBG Antenna

Presenting Author: Smrity Dwivedi, Indian Institute of Technology, Varanasi, Uttar Pradesh, India

Title: Paper-based Automated ELISA

Presenting Author: Mostafa Amer, University of Science and Technology at Zewail City, Egypt

Title: Nanotechnology in Engineering Program

Presenting Author: Nasser Mahmoud Hasan, Nanotechnology and Innovation Group, Unisal/Sao Jose, Brazil

Title: Georexchanger System for Buildings Heating and Cooling

Presenting Author: Abdeen Omer, Energy Research Institute (ERI), Nottingham NG7 4EU, United Kingdom

Title: Laccase-silica nanoparticle conjugates can efficiently reduce the early maturation risk due to BPA in female *Oreochromis mossambicus* and its toxic load from the contaminated effluent

Presenting Author: Chinnaiah Amutha, Madurai Kamaraj University, Madurai-625 021, Tamilnadu, India

Title: Study on physico-mechanical properties of jute by the foliar spraying of sodium alginate: Effect of pretreatment with gamma radiation

Presenting Author: Ferdous Aktar, Department of Applied Chemistry & Chemical Engineering, University of Dhaka, Bangladesh.

Title: Low Pressure Growth of Ultra Nanocrystalline Diamond on Functionalized Glass with Fe₃O₄ Nanoparticles

Presenting Author: Somayeh Shams, Physics Department, Science and Research Branch, Islamic Azad University, Iran

Title: Versatility of Nanomaterials in Commercial Applications

Presenting Author: Carla Palencia-Aguilar, Department of Civil, Enviro and Constr Engineering, University of Central Florida, USA

Day-2 (June 26, 2018)

Materials for Green Technology, Nanotoxicity, Nanotech in Energy

Title: Efficient technique for reducing pollution using catalytic converter

Presenting Author: Naveen, Sri Ramakrishna Engineering College, India

Title: The world goes green, technology advances: reviews and prospects

Presenting Author: Pako Moilwa, Ministry of basic education, Moeng college, Moeng, Botswana

Title: Preparation and Characterization of Bicomponent Nanofibers Used as Carrier for Bacterial Cells for Water Treatment

Presenting Author: Doaa Zamel, Medical Research Institute, Egypt

Title: Edible CMC film wraps containing mustard antimicrobials (SNG, EO) inactivate food spoilage and food-borne Pathogens bacteria

Presenting Author: Saqer Herzallah, Mutah University, Karak, Jordan

Title: Potential of periophthalmus sobrinus and siganus sutor as bioindicator fish species for PAH pollution in tropical waters

Presenting Author: Nuru SaidSalum, The state University of Zanzibar, Zanzibar, Tanzania

Title: Hydrothermally prepared Zinc oxide, Tin Oxide and Zinc oxide-Tin oxide nanocomposite materials for energy storage application

Presenting Author: S.Selladurai, Department of Physics, Anna University, India

Title: Gravitational properties of an atom. Equivalence of energy and atomic gravity

Presenting Author: S. Orlov, Petrozavodsk State University, Russia

Title: Facile preparation of Bi₂WO₆/CdS nanowires hybrid heterostructured photocatalyst with enhance Visible light driven photocatalytic activity

Presenting Author: Muhammad Arif, Nanjing University of Science and Technology China, China

Title: Biodegradable cellulose based superabsorbent hydrogels for water conservation in agricultural lands

Presenting Author: Sachin Bhaladhare, Tripura University, Material science and Engineering, India

Title: Green synthesis of silver nanoparticles using Phlebodium aureum extracts and their Bio-potency

Presenting Author: Johnson Marimuthu Alias Antonysamy, Centre for Plant Biotechnology, Department of Botany, St. Xavier's College, Tamil Nadu, India

Title: Evaluation of Hexavalent Chromium Bioremediation Potential of Hibiscus Sabdarifa Calyx Extract

Presenting Author: AA Ambi, Department of Biochemistry, Ahmadu Bello University (ABU) Zaria, Negeria

Title: Phosphate Solubilizing Fungi Isolated and Characterized from Teff Rhizosphere Soil Collected from North Showa and Gojam, Ethiopia

Presenting Author: Birhanu, Microbial Biodiversity Directorate, Ethiopian Biodiversity Institute, Ethiopia

Polymer Technology, Atomic Bonding

Title: Spin-Orbitronics at Heavy-Metal Interfaces for THz Emission

Presenting Author: Henri Jaffres, Unité Mixte de Physique CNRS-Thales, France

Title: Novel chelated P-Toluenesulfonic acid via sol-gel synthesis of spinel LiMn_2O_4 and $\text{LiMn}_{1.98}\text{MO}_4$ ($\text{M}=\text{Cu}, \text{Mg}, \text{Tb}, \text{Dy}, \text{Ho}, \text{Er}: 0.01-0.10$) high performing cathode materials for lithium rechargeable batteries

Presenting Author: R.Thiirunakaran, CSIR-Cental Electrochemical Research Institute, India

Title: Modeling and hydrogeological interest of karstic carbonate reservoirs: contribution of the GIS (2D / 3D), geophysical data and hydrochemical and isotopic approaches - case of the transboundary basin

Presenting Author: Hamad Amor, Tebessa-Kasserine, Algeria-Tunisia, Algeria

Title: Synthesis and thermal properties of new Nano star-shaped block copolymers

Presenting Author: Hadi Al-Lami, College of Science, University of Basrah, Iraq

Title: Poly (vinyl alcohol) nanocomposite membranes for pervaporation process

Presenting Author: Soney George, Department of Basic Sciences, Amal Jyothi College of Engineering, India

Title: Synthesis of Ni-Fe-Al alloys and study of their microstructure and FSMA nature

Presenting Author: Ankit Kargeti, Department of Physics, INVERTIS University, Bareilly, India

Title: Fabrication of Gas sensor for Hydrogen disulphide gas

Presenting Author: Walaa Shabaan, Egyptian petroleum research institute, Egypt

Title: Electrochemical and Chemical study of gum exudates from *Canarium schweinfurthii* as green corrosion inhibitor for mild steel in HCl solution

Presenting Author: Paul Ocheje Ameh, Department of Chemistry, Nigeria Police Academy, Wudil, P. M B. 3474, Kano State Nigeria

Title: Graphene Based Protective Coatings

Presenting Author: A.S.Khanna, Department of Metallurgy, IIT Bombay, India

Title: Rapid and selective adsorption of dyes by thermal oxidation nanodiamonds

Presenting Author: Alireza Pourghaderi, Sharif University of Technology, Tehran, Iran

Title: Defect States in Hexagonal Boron Nitride: Assignments of Observed Properties and Prediction of Properties relevant to Quantum Computation

Presenting Author: Sajid Ali, University of Technology Sydney, Ultimo, New South Wales 2007, Australia

Title: Automotive Graphene-based Nanocomposites

Presenting Author: Ahmed Elmarakbi, University of Sunderland St Peter's Campus, St Peter's Way Sunderland SR6 0DD, UK

Title: Nitrogen-Doped Porous Activated Carbon Monolith Derived from Polymer for Ultrahigh-CO₂ Adsorption Capacity and CO₂/N₂ Selectivity

Presenting Author: Akram Alabadi, South Refineries Company, Oil of Ministry, Iraq

Title: Effect of Nano ZrO₂ ceramic filler on Electrical Conductivity Studies of PAN based Polymer Electrolyte thin films for Electrochemical cell applications

Presenting Author: K. Vijaya Kumar, Department of Physics, Dayananda Sagar Academy of Technology and Management, India

Title: Novel chelated P-Toluenesulfonic acid via sol-gel synthesis of spinel LiMn₂O₄ and LiMn_{1.98}MO₄ (M=Cu, Mg, Tb, Dy, Ho, Er:0.01-0.10) high performing cathode materials for lithium rechargeable batteries

Presenting Author: R. Thiirunakaran, CSIR-Cental Electrochemical Research Institute, India

Title: Biological Studying of Some First Series Transition Metals Complexes with Adenine Ligand

Presenting Author: Mabrouk M. Salama, Department of Chemistry, University of Benghazi, Benghazi, Libya

Title: Structural, dielectric and impedance spectroscopic studies of lead free Ba_{0.80}Ca_{0.20}Ti_{0.90}Zr_{0.10}O₃ ferroelectric ceramics

Presenting Author: Aziz Neqali, Faculty of Sciences and Technologies, University Cadi Ayyad Marrakech, Morocco

Title: Anomalous dipole-dipole interaction in an ensemble of quantum emitters and metallic nanoparticle hybrids

Presenting Author: Mahi R Singh, Department of Physics and Astronomy, The University of Western Ontario, Canada

Title: Polyaniline based hybrid bionanocomposites with enhanced visible light photocatalytic activity and antifungal activity

Presenting Author: Nafees Ahmad, Environmental Research Laboratory, Department of Chemistry, Faculty of Sciences, Aligarh Muslim University, India

Title: Creatinine detection based on molecularly imprinted polymer technique of poly acrylamide hydrogel and luminescence nanodiamonds as a signal transducer

Presenting Author: Reim A. Almotiri, Department of Physics, The university of Alabama at Birmingham, USA

Title: Effects of Conventional Heat Treatments on the Tribological Behavior of 42CrMo4 Steel

Presenting Author: Sadok Rhaiem, Laboratory of Electromechanical Systems, National Engineering School of Sfax, Tunisia

Title: Thermoelasticity Superelasticity and Functionality of Shape Memory Alloys

Presenting Author: Osman Adiguzel, Department of Physics, Firat University, Elazig, Turkey

Title: A new approach to magnetic field for a 3D Modelling of polycrystalline silicon solar cells with electrical parameters

Presenting Author: Gokhan Sahin, Electric and Electronic Engineering Department, IGDİR University, Igdır, Turkey

Title: Semiconductor assisted photocatalytic treatment of dye, antibacterial and antimutagenic activity via electrochemically synthesized ZnS, ZrS₂/ZnS, In₂S₃ nano photo-catalysts and study of optical, electrical and thermal properties of In₂S₃/PVA/PEO nanocomposite polymer films

Presenting Author: Hosaholalu Balakrishna Uma, Department of studies in Chemistry, Manasagangotri, University of Mysore, Mysuru, India.

Title: Solvent-free Henry Reaction Using Cerium-Bearing Solid Base Catalyst

Presenting Author: Ravi tomar, a Drug Discovery and Development Laboratory, Department of Chemistry, University of Delhi, India

Title: Graphene Coatings for Corrosion Resistance: Current Status and Challenges

Presenting Author: Raman Singh, Department of Mechanical & Aerospace Engineering, Department of Chemical Eng, Monash University, Australia

Title: Manifestation of Berry phase in graphene on a corrugated substrate subjected to chiral excitation radiation

Presenting Author: Hamed Koochaki Kelardeh, Center for Nano-Optics (CeNO), Georgia State University, USA

Title: Novel Photo initiated Synthesis, Characterization, and Structural Analysis of photoadduct of Potassium hexacyanoferrate with Phenanthroline ligand

Presenting Author: Mohammad sideeq, Department of Chemistry, National Institute of Technology, Srinagar, India

Biomaterials, Mining & Metallurgy, Carbon Nanotubes

Title: Biopolymers and Bio-nanomaterials from Lipids

Presenting Author: Aman Ullah, Chemical Sciences and Technologies, Canada

Title: Bio-soluble magnesium alloy for implants in osteosynthesis

Presenting Author: Aikin Nikita, Department of Physical Materials Science, Zaporozhye National Technical University, Ukraine

Title: Lyotropic liquid crystalline mesophases as soft templates

Presenting Author: Ravi K Shukla, Department of Physics, DIT University, India

Title: Electrostatic Contributions to the Stability and Reactivity of Bio Systems, with Implications in Transfection

Presenting Author: Camillo La Mesa, Department of Chemistry, Sapienza University, Italy

Title: Valuable compounds from ionic liquid based nanoparticles in valorization of the biomass derived RED HOT acids

Presenting Author: Ewa Bogel-Lukasik, Department of Chemistry, Faculty of Science and Technology, New University of Lisbon, Caparica, Portugal

Title: Utilization of carbon source: solar light-driving photoconversion of CO₂ into renewable hydrocarbon fuels

Presenting Author: Yong Zhou, National Laboratory of Solid State Microstructures, Nanjing University, China

Title: Precision modeling: application of metaheuristics on current-voltage curves of superconducting films

Presenting Author: Syed Rameez Naqvi, Department of Electrical Engineering, COMSATS Institute of Information Technology, Wah Cantonment, Pakistan, University, China

Title: Comparative Simulation and Experimental Determination of Reflection-Loss Mitigation with Zinc Oxide Nanostructured Coatings on Glass for Solar Cell Applications

Presenting Author: G. Louis Hornyak, Center of Excellence in Nanotechnology (COEN), Asian Institute of Technology, Thailand

Title: Effect of Organically Modified Nanoclay on Thermal, Mechanical and Combustion Properties of Marula Seed Cake Reinforced High Density Polyethylene Nanocomposites

Presenting Author: Ogah Anselm Ogah, Department of Industrial Chemistry, Faculty of Science, Ebonyi State University, PMB 053 Abakaliki, Ebonyi State, Nigeria

Title: Experimental and Quantum Approach on Inhibition Effect of the Praziquantel for Mild Steel corrosion in 1M HCl

Presenting Author: B M Prasanna, Department of Chemistry, Jain Institute of Technology, Davanagere, India

Title: Electrochemical, Adsorption, Thermodynamic studies of drug intermediate 4-Chloro,8- (Trifluoro Methyl) Quinoline for mild steel in 1M HCl solution

Presenting Author: Narayana Hebbar, Department of Chemistry, Srinivas University, Mukka, Mangalore, India

Title: Microwave assisted Synthesis of Earth Abundant Semiconductors

Presenting Author: Joseph Sebastian Pathiyamattom, Renewable Energy Institute, Temixco, Morelos, Mexico

Day-3 (June 27, 2018)

Nanodevices, Nanosensors, Nanoelectronics

Title: Studying the effect of gamma irradiation on cattle carcasses contaminated with Mycobacterium bovis

Presenting Author: Fahim Aziz Eldin Mohamed Shaltout, Benha University, Egypt

Title: Synthesis of Gallium Based Thin Films for Bio Sensors Applications Using Physical Vapor Deposition Method

Presenting Author: Hasina Huq, The University of Texas Rio Grande Valley, USA

Title: Photoelectrochemical Sensors for the Rapid Detection of DNA Damage Induced by Some Nanoparticles

Presenting Author: M. Jamaluddin Ahmed, Department of Chemistry, University of Chittagong, Bangladesh

Title: Functional analytic approach to a classical problem of filtering theory

Presenting Author: Thiyagarajan .M, Dean Research, Nehru Group of Institutions, Nehru Institute of Engineering and Technology, Coimbatore-641 105, Tamilnadu, India

Title: Synthesis of Calcium Ferrite Nanoparticles (CaFe₂O₄-NPs) using Auto-Combustion Method for Targeted Drug Delivery

Presenting Author: Jumril Yunas, Universiti Kebangsaan Malaysia, Malaysia

Title: Field-assisted Li ion conduction in PVA based nanocomposite solid polymer electrolyte systems

Presenting Author: Sunitha VR, Department of Physics, PES University, India

Title: Silicon Microwire Arrays Decorated with Dichalcogenides for Water Photoelectrolysis

Presenting Author: Shu-Fen Hu, National Taiwan Normal University, Taiwan

Title: All-Inorganic Perovskite Quantum Dots Nanocomposites For the Application in Light-emitting Diodes

Presenting Author: Ru-Shi Liu, Department of Chemistry, National Taiwan University, Taiwan

Title: Designing Low-Power VLSI Circuits: Practical Recipes

Presenting Author: Subir Kumar Sarkar, Department of Electronics and Telecommunication Engineering, Jadavpur University, Kolkata, India

Title: Superwetting electrodes for Gas-involving Electrocatalysis

Presenting Author: Xiaoming Sun, Beijing University of Chemical Technology, China

Title: Thermoelectric Performance of HfRhSb half Heusler Compound: A first principles study

Presenting Author: Dibya Prakash Rai, Pachhunga University College, Aizawl, India

Title: Electro kinetic fractal dimension for characterizing Shajara reservoirs of the Shajara Formation

Presenting Author: Khalid Elyas Mohamed Elameen Alkhidir, Riyadh, King Saud University, Saudi Arabia

Title: Kaushal and Gravity

Presenting Author: Prashant Chauhan, Business Intelligence and Process Management, Tata Consultancy Services, India

Nanooptics, Nanophotonics, Nanomagnetism

Title: New approach for disk laser

Presenting Author: Victor V. Apollonov, Academician of RANS and AES, Russia

Title: Blue Emission from ZnO multilayer nanostructured thin film and modifications by 100 MeV Ag SHI irradiation

Presenting Author: Surender kumar, Ramjas College, University of Delhi, India

Title: Synthesis of Manganese (Mn) Doped MgO Nanoneedles for Optical Applications

Presenting Author: Neeraj Marwaha, CSIR NPL New Delhi, India

Title: Fluctuations Induced Conductivity of $\text{La}_{2-x}\text{Ce}_x\text{CuO}_{4\pm}$ Thin Films From Optimum to Over-doped Regions

Presenting Author: Muhammad Mumtaz, FBAS, International Islamic University (IIU), Pakistan

Title: Sintering behaviour and microstructures of Ti-6Al-4V alloy reinforced with nanoceramic TiN/TiCN matrix composites by SPS

Presenting Author: Oluwasegun Eso Falodun, Metallurgy and Chemical Engineering, University of Johannesburg, South Africa

Title: Gold-coated magnetic nanoparticles for the wiring of enzymes

Presenting Author: Justina Gruzauskaite, Life Science Center, Vilnius University, Vilnius, Lithuania

Title: Relativistic elastic scattering of hydrogen atoms by positron impact with anomalous magnetic moment effects

Presenting Author: Manaut Bouzid, Research Team in Theoretical Physics and Materials (ERPTM), FP-USMS Béni Mellal, Morocco

Nanomedicine, Cancer Nanotechnology

Title: Surface coating of metallic medical implants

Presenting Author: Mansoureh Ganjali, Materials and Energy Research Centre (MERC) Hamedan Iran Avasina University, Iran

Title: Histological Studies on *Heteracris littoralis* (Rambur) Treated with Silica Nano-particles / Challenger Formulation

Presenting Author: Aziza Sharaby, Department of Pests and Plant Protection, National Research Centre, Giza, Egypt

Title: NanoBindi-A clinical-outcome focused, patient-centric precision therapeutic development platform

Presenting Author: Arkesh Mehta, OncoBindi Therapeutics, USA

Title: Nanoparticle loaded topical gel of Deflazacort : Formulation development with Risk Assessment approach

Presenting Author: Falguni Tandel, Quality Assurance Department, Parul Institute of Pharmacy, Parul Universtiy, Vadodara, Gujarat, India

Title: Comparative in-vitro studies of PLGA–PEG encapsulated miltefosine and milterfosine against Leishmania donovani

Presenting Author: Md Yousuf Ansari, M.M. College of Pharmacy, Maharishi Markandeshwar University, Mullana, Ambala, Haryana-133207, India

Title: Development and optimization of liposomes containing 5FU and Tretinoin for treatment of skin warts

Presenting Author: Ruchi Tiwari, Department of Pharmacy, Pranveer Singh Institute of Technology, Kalpi road, Kanpur, Uttar Pradesh, India

Title: Alternative medicine: an intelligent choice

Presenting Author: Larisa Anatolievna Maksimadzhi, University of Moscow, Bioenergetic Medicine Center Manos Milagrosas, Nicaragua

Title: Selective Metabolic blackout in hepatocellular carcinoma cells by submicromolar iodoacetate-loaded galactosylated nanoparticles

Presenting Author: Asmaa Mohamed Reda, (Center for nanotechnology, Zewail City of Science and technology, Egypt)

Title: Designing Chitosan Nanoparticles loaded-Annona muricata Linn. (Annonaceae) Extract for Targeting FOXL2 Gene in Ovarian Cancer Therapy

Presenting Author: Cletus A. Ukwubile, Department of Pharmacognosy and Drug Development, Faculty of Pharmaceutical Sciences, Ahmadu Bello University, Zaria, Nigeria

Title: Proliferation of canine bone marrow derived MSCs over hydroxylated CNT substrates and its cytocompatibility evaluation in vitro

Presenting Author: Sadhan Bag, Division of Physiology and Climatology, India

Title: Carboplatin Activity Investigation in Neuroblastoma Cells using Functionalized Graphene Oxide Nanoparticles

Presenting Author: Sami Makharza, IFW Dresden 01171 Dresden, Germany

Nanotechnology in Healthcare

Title: Enhanced Oral Bioavailability of an Antipsychotic Drug through Nanostructured Lipid Carriers

Presenting Author: N.Jawahar, Udhagamandalam Jagadguru Sri Shivarathreeshwara University, Mysuru, India

Title: Comparitive study on international & indian pharmaceutical regulations

Presenting Author: Uma Vasireddy, Pharmaceuticals Export Promotion Council of India, India

Title: Role of medicinal plants in the protection of sexual cells from drug toxicity in the treatment of Adriamycin

Presenting Author: Anas Taweelh, University of Kalamoon, Syria

Title: Assessment of Thermodynamic, Adsorption–Kinetic and Inhibition Potentials of Gmelina Arborea Fruit Extract on Corrosion of Rolled Homogeneous Steel Plate in Sulphuric Acid

Presenting Author: Efiok J. Akpan, Chemistry Department, Nigerian Defence Academy, Kaduna, Nigeria

Title: Biotechnology and Biochemical Analysis Technique to Isolate Vanillin Derivatives for Plum Fruit Tree (I)

Presenting Author: Alaa J. Mahrath, College of Medicine, Babylon University, Iraq

Title: Styrene Maleic Acid Encapsulated Raloxifene Micelles for Management of Inflammatory Bowel Disease

Presenting Author: Khaled Greish, Arabian Gulf University, Manama, Kingdom of Bahrain

Title: Nanoparticulate Bisphosphonates: Powerful Tool for Treating Bone Resorption in Mammals

Presenting Author: Wafaa Abdou, Chemical Industries Division, Dokki, Cairo, Egypt

Title: Healthcare Pyramid of Emerging Technology in Improving the Quality of Patient Care

Presenting Author: Dalhatu A., Bayero University, Kano, Nigeria

Title: Optimization and Evaluation of Novel Polymeric Transdermal Patch for Anti-atherosclerotic Activity

Presenting Author: Nakuleshwar Dut Jasuja, Vivekananda Global University & VIT, India

Posters

Title: The Convergence of Technologies, Generates Convergence in the Regulations

Presenting Author: Guillermo Valdes Mesa, Havana University Center Biomaterial, Cuba

Title: Self-Cleaning and UV Protection Properties of Natural Fibers using Nanotechnology

Presenting Author: Eman Mohamed El-khatib, National Research Center Egypt, Egypt

Title: Laboratory Study on the Use of Tires Shreds in Reinforcing the Soil

Presenting Author: Kheira Negadi, University of Chlef Algeria, Algeria

Title: Does Operations Strategy Affect Competitiveness? Evidence from Egyptian Pharmaceutical Manufacturing Sector

Presenting Author: Reem Mohamed Naseem Elbolok, Sinai University, Egypt

Title: CEO Bonus and Goodwill Recognition: Evidence from US Combination

Presenting Author: Rasha M. Elbolok, Suez Canal University, Ismailia, Egypt

Title: Analyses of Carbon Nanotube-Reinforced Composite Sandwich Plates using First Order Shear Deformation

Presenting Author: Mohamed Zidour, University of Ibn Khaldoun, Algeria

Title: Effect of Shear Deformation Polymer on Free Vibration of Zigzag Carbon Nanotube using Nonlocal Euler-Bernoulli Model

Presenting Author: Tayeb Bensattalah, University of Ibn Khaldoun, Algeria

Title: The Effects of Calcium Carbonate filler on the Characteristics of HDPE/ CaCO₃ Nanocomposites

Presenting Author: Benouali Djillali, University of Sciences and Technology- Mohammed Boudiaf, Oran, Algeria

Title: PC3 cells imaging by targeted conjugation of anti-PSCA antibody to dextran super paramagnetic iron oxide nanoparticles

Presenting Author: Mahboubé shahrabi Farahani, Iran University of Medical Sciences, Iran

Title: Magnesium matrix composite as a replacement for the Aluminum and Steel: A Review

Presenting Author: Naveen Kumar, MNNIT Allahabad, India

Title: Synthesis, Characterization and Anti-cancer Activity of Some New Heterocycles Bearing Coumarin Moiety

Presenting Author: Nadia Taha Ali Dawoud, Al-Azgar University Egypt, Egypt

Title: Spectro-Magnetic and Antimicrobial Studies on Complexes of Ni(II), Cu(II) and Zn(II) with Ethylenedianil Of O-Hydroxyphenylglyoxal

Presenting Author: Ali Mohammed Yimer, Arba Minch University, Ethiopia

Title: Comparing langmuir probe i-v characteristics of different probe radius in maxwellian ionospheric plasma

Presenting Author: Shankar Bhattarai, Patan Multiple Campus, Nepal

Title: Tableting ability of lyophilized berries (*Arbutus unedo* L.) and date (*Phoenix dactylifera* L.) powder mixture

Presenting Author: Tounsia Abbas-Aksil, Laboratory of Soft Technologies and Biodiversity, Algeria

Title: Model for Rainfall and Malaria Cases in Yilmana Densa District, North West Ethiopia

Presenting Author: Tsegahun Worku Brhanie, school of chemical and food engineering Bahir Dar University, Ethiopia

Title: Development of Ni-Fe nano structured multilayer coatings, characterization and its corrosion behavior

Presenting Author: Rashmi D, Srinivas School Of Engineering, India

Title: Simultaneous quantitative estimation of selected anti-retroviral drugs in Nanoformulation by RPHPLC method

Presenting Author: V.Senthil, Jagadguru Sri Shivarathreeswara University, Mysuru JSS College of Pharmacy, Ootacamund, Tamil Nadu, India

Title: Botanical and Biotechnological studies of Genus *Asparagus*

Presenting Author: Sally.F.Desoukey, Faculty of Agriculture –Cairo University, Egypt

Title: Formulation development and evaluation of press coated pulsatile release formulation of aceclofenac and serratiopeptidase

Presenting Author: Vipulkumar P. Patel, School of Pharmacy, RK University, Rajkot, India

Title: Valorisation and characterization of the waste of the food industry with a view to obtaining a new formulation of eco-materials destined for sustainable construction

Presenting Author: Chemani Halima, University M'Hamed Bougara, Algeria

Title: Assesment of pyrophyllite powder used as cement substitute in polypropylene fiber concrete

Presenting Author: Sabria Malika Mansour, University M'Hamed Bougara, Algeria

Title: Effect of the In (Ga) inter-diffusion on the optical properties in InAs/GaAs annealed quantum dots

Presenting Author: Maher Wasli, Higher College of Technology/Ministry of Manpower, Oman

Title: Generalized gradient calculations of magneto-electronic properties for diluted magnetic semiconductors ZnMnS and ZnMnSe

Presenting Author: Benguerine Karima, University of Mascara, Algeria

Title: Green synthesis of silver nanoparticles using leaves of *Murraya koengii* Linn and its anticancer activity

Presenting Author: M Padmaa Paarakh, The Oxford College of Pharmacy, India

Title: Application of polyurethane/ gamma irradiated carbon nanotubes composites as Antifouling Coat

Presenting Author: Hanan Mohamed Alamin Eyssa, Radiation Chemistry Department, National Centre for Radiation Research and Technology (NCRRT), Egypt

Title: Stability indicating RP-HPLC Method Development and Validation for Determination of Hydrochlorothiazide, Amlodipine besylate and Telmisartan Hydrochloride in Bulk and Tablet dosage form by using Biorelevant Media (FaSSIF)

Presenting Author: Madhukar A, Avanthi Institute of Pharmaceutical Sciences, India

Title: Nanosized Soy Phytosome-Based Thermogel as Topical Anti-Obesity Formulation: an Approach for Acceptable Level of Evidence of an Effective Novel Herbal Weight Loss Product

Presenting Author: Nermeen M. Khalil, Faculty of Pharmacy, Nahda University, Beni-Suef, Egypt

Title: Study of fracture behavior of Bcc Iron by molecular dynamic simulation

Presenting Author: Zahra Mohammadi, Adiban Institute of Higher Education, Iran

Title: Nursing, health and biotechnology

Presenting Author: Jose Dionisio de Paula Junior, Federal University of Viçosa (UFV), Brazil

Title: Fast and reproducible electrochemical synthesis of negatively charged Silver Nanoparticles (nSNPs) for microbiological application

Presenting Author: Luca scotti, Oral and Biotechnological Sciences-"G. d'Annunzio" University of Chieti-Pescara, Italy

Title: Tribological characterization of a sintered bronze by the sintering process

Presenting Author: Keraghel Fatiha, University Ferhat Abbas Setif, Algeria

Title: Groundwater Contamination by Nutrients: Case of Gadaïne-Ain Yaghout Plain (Northeast of Batna), Algeria

Presenting Author: Chettah Wahid, University of Constantine, Algeria

Title: Exploring the possibility of solubility enhancement using mesoporous silica as carrier

Presenting Author: Jyotsana R.Madan, Smt. Kashibai Navale College of Pharmacy, India

Title: Bending analysis of sigmoid functionally graded plates using a four variable refined plate theory

Presenting Author: Habib Hebali, Civil Engineering Department, University Ibn Khaldoun of Tiaret, Algeria

Title: Numerical Analysis of the Effect of mechanical properties on Welded Joints in the Fracture Mechanics

Presenting Author: A.Baltach, Department of Mechanic, University of Tiaret, Algeria

Title: A n-order four variable refined theory for bending and free vibration of functionally graded plates

Presenting Author: Klouche Djedid Ibrahim, Material and Hydrology Laboratory, University of Sidi Bel Abbes, Algeria

Title: Afghanistan traditional lime plaster (lime render)

Presenting Author: Gul Rahman Abdulrahimzai, Kardan University, Afghanistan

Title: Preparation and Characterization of Thermoresponsive Capsules Based on Nanochitosan Pickering Emulsions

Presenting Author: Jeryl Adrienne Louise, Ateneo de Manila University, Philippines

Title: Use of Nano-Technology in Highway Engineering

Presenting Author: Khan Mohammad Shinwaray, Civil Engineering Department, Kardan University, Afghanistan

Title: Preparation and Characterization of Stimuli-Responsive Nanocellulose-Nanochitosan Shell Microspheres Through Layer-by-Layer Assembly

Presenting Author: John Vincent M. Tumaneng, School of Science and Engineering, Ateneo de Manila University, Philippines

Title: Dual-band ultraviolet and infrared photodetector on Si substrate

Presenting Author: Zagarzusem Khurelbaatar, Mongolian University of Science and Technology, Mongolia

Title: Nanoscale magnetic composites based on magnetite, stabilized with biopolymers (humic acids, chitosan, pectin) during oxygen activation

Presenting Author: Baizhomartov Bedelzhan, Scientific-Manufacturing Technical Center "Zhalyn", Republic of Kazakhstan

Title: Study of electrode material for energy source

Presenting Author: Sarantuya Lkhagvajav, Mongolian Academy of Sciences, Mongolia

Title: Synthesis of new layered double hydroxides

Presenting Author: Zeradni Amina, University of Sciences and Technology of Oran, Algeria

Title: Types of structure steel in rcc buildings in afghnistan

Presenting Author: Abdul Tawfiq Pouya, Kardan University, Afghanistan

Title: Synthesis, macromolecular design and functioning of new magnetic composites based on magnetite and stimulus (pH, thermo-, electro) sensitive copolymers

Presenting Author: Dossumova Binara, Scientific-Manufacturing Technical Center “Zhalyn”, Republic of Kazakhstan

Title: Surface Mechanical Coating of Fe, Cu and SiC Nano Particles Mixture by Mechanical Alloying

Presenting Author: Iman Farahbakhsh, Department of Engineering, Quchan Branch, Islamic Azad University, Quchan, Iran

Title: Indomethacin Tablets for Chronotherapeutic Durg Delivery in Rheumatoid Arthritis

Presenting Author: Paul Jacob, School of Medical Education, Rubber Board. P. O, Cheruvandoor Campus, Kottayam, Kerala, India

Title: The novel electrochemical synthesis of In₂S₃ nano photo-catalysts for photodegradation of dyes and preparation of In₂S₃ /PVA/PEO nanocomposite polymer films

Presenting Author: Hosaholalu Balakrishna Uma, DOS in Chemistry, Manasagangotri, University of Mysore, Mysuru, India

Title: Correlation between ferromagnetic resonance and densification of RE-substituted polycrystalline ferrites

Presenting Author: Alina Manzoor, Department of Physics, The Islamia University of Bahawalpur, Bahawalpur, Pakistan

Title: Effect of foliar application with carbon nanotubes loaded with NPK fertilizer on the growth and productivity of French bean plant

Presenting Author: Heba Mahmoud Mohammad Abdel-Aziz, Botany Department, Faculty of Science, Mansoura University, Egypt

Title: Surface Mechanical Coating of Fe, Cu and SiC Nano Particles Mixture by Mechanical Alloying

Presenting Author: Rohollah Rabani, Iranian Oil Pipelines and Telecommunications Company, Iran

Title: Magnetic properties of Ni nanowires growth within porous anodic aluminum oxide (AAO) template

Presenting Author: Sedigheh Dadras, Department of Physics, Faculty of Physics and Chemistry, Alzahra University, Iran

Title: Levels of copper and zinc in saliva

Presenting Author: Irena Ivanova, Cliniacal Laboratory Department, Medical University Sofia, St. Ivan Rilski University Hospital, Bulgaria

Title: Fabrication of Cellulose Acetate/copper oxide Nano-composite based transparent thin film doped with Flavonoid (Quercetin) for UV Radiation Shielding

Presenting Author:Fozia Z. Haque, Department of Physics, Maulana Azad National Institute of technology, Bhopal, M.P, India

Title: Fabrication of Transparent Thin film of Cellulose Acetate/Zinc Oxide Nano-composite with Added Flavonoid (Quercetin) for the application of UV Radiation Shielding

Presenting Author:Fozia Z. Haque, Department of Physics, Maulana Azad National Institute of technology, Bhopal, M.P, India