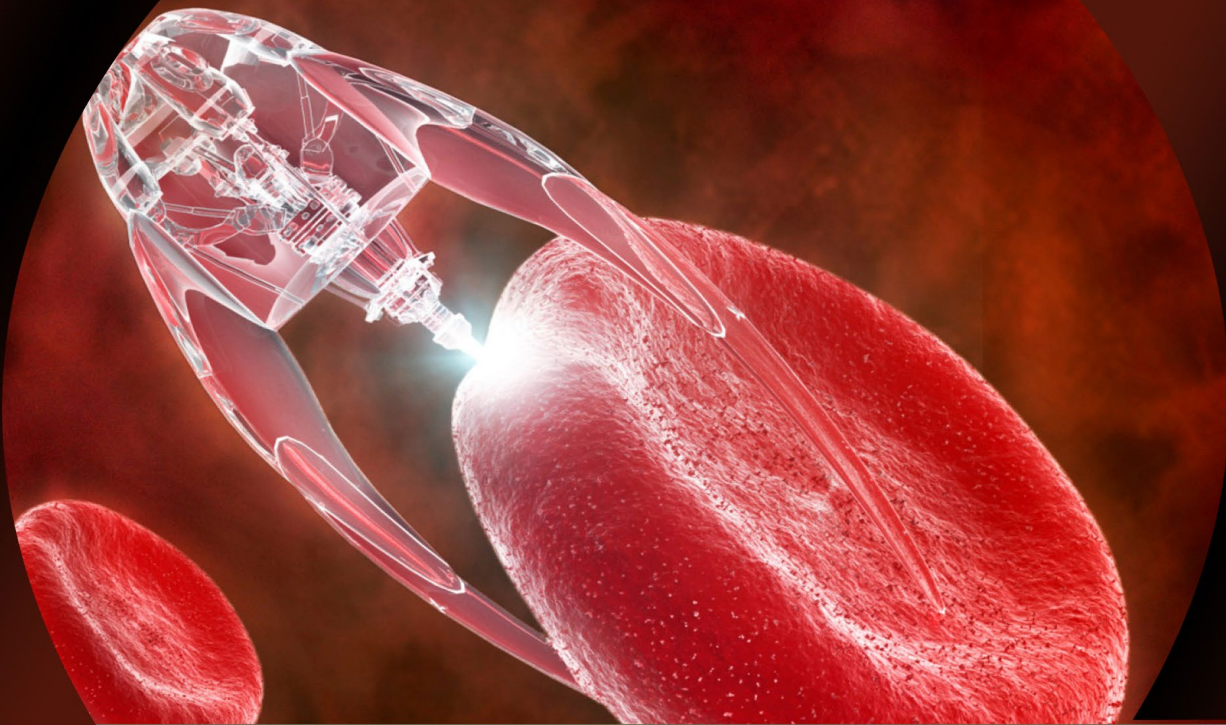




# BioCore

**Exploring Scientific Community**

**Tentative Program**



**2<sup>nd</sup> 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

Email: [nanotech2018@biocoreconferences.org](mailto:nanotech2018@biocoreconferences.org)

Phone: +1-425-605-2667

# 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- $\beta$ -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 Fe<sub>3</sub>O<sub>4</sub> 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 Bi<sub>2</sub>WO<sub>6</sub>/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, Nigeria

**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: Novel chelated P-Toluenesulfonic acid via sol-gel synthesis of spinel  $\text{LiMn}_2\text{O}_4$  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-Central Electrochemical Research Institute, India

**Title: Modeling and hydrogeological interest of karstic carbonate reservoirs: contribution of the GIS (2D / 5D), 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-CO<sub>2</sub> Adsorption Capacity and CO<sub>2</sub>/N<sub>2</sub> Selectivity**

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

**Title: Effect of Nano ZrO<sub>2</sub> 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 LiMn<sub>2</sub>O<sub>4</sub> and LiMn<sub>1.98</sub>MO<sub>4</sub> (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<sub>0.80</sub>Ca<sub>0.20</sub>Ti<sub>0.90</sub>Zr<sub>0.10</sub>O<sub>3</sub> 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: Thermoelasticity Superelasticity and Functionality of Shape Memory Alloys**

**Presenting Author:** Osman Adiguzel, Department of Physics, Firat University, 23169 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, Iğdir 76000, Turkey

**Title: Semiconductor assisted photocatalytic treatment of dye, antibacterial and antimetabolic activity via electrochemically synthesized ZnS, ZrS<sub>2</sub>/ZnS, In<sub>2</sub>S<sub>3</sub> nano photo-catalysts and study of optical, electrical and thermal properties of In<sub>2</sub>S<sub>3</sub>/PVA/PEO nanocomposite polymer films**

**Presenting Author:** Hosaholalu Balakrishna Uma, Department of studies in Chemistry, Manasagangotri, University of Mysore, Mysuru, India-570006

### **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 CO<sub>2</sub> 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

**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, Chittagong-4331, 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 (CaFe<sub>2</sub>O<sub>4</sub> -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

### **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 mulilayer 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 La<sub>2-x</sub>CexCuO<sub>4±</sub> 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: Surface coating of metallic medical implants**

**Presenting Author:** Mansoureh Ganjali, Hamedan Iran Avisina University, Iran

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

**Presenting Author:** Aziza Sharaby, 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, 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, Maharishi Markandeshwar University, Mullana, Ambala, India

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

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

**Title: Alternative medicine: an intelligent choice**

**Presenting Author:** Larisa Anatolievna Maksimadzhi, University of Moscow, 1986, URSS

### **Nanomedicine, Cancer Nanotechnology**

**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, 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 Shivarathreshwara University, Mysuru, India

**Title: Comparative 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 Homogenous 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/ CaCO<sub>3</sub> 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:** Mahboube 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-AinYaghout 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 afghanistan**

**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 In<sub>2</sub>S<sub>3</sub> nano photo-catalysts for photodegradation of dyes and preparation of In<sub>2</sub>S<sub>3</sub> /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