

2nd World Congress & Expo on Nanotechnology & Materials Science

June 25-27, 2018 Dubai, UAE

TENTATIVE PROGRAM SESSION CHART

Nanomaterials, Nanostructures, Materials Science & Engineering

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

Jean-Christophe P. Gabrel

Deputy Director of CEA's Nanoscience funding program, France

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

Wail Nourildean Al-Rifaie

Philadelphia University of Amman, Jordan

Active Force Nanomaterial for direct heat conversion to get propulsion force

Alexander V. Frolov

Russian independent research scientist, Russian Federation

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

Syeda Sohaila Naz

Nanoscience and Technology Department, National Centre for Physics, Quaid-i-Azam University Campus, Islamabad 44000, Pakistan

Nanomaterials and their Potential Applications

M.A.Shah

Special Centre for Nanosciences, P.G Department of Physics National Institute of Technology Srinagar, Hazratbal-Srinagar- 190006, (J&K), India

High Entropy Alloys: Materials, Processing, Synthesis & Applications

A. Kanni Raj

Veltech Dr.RR & Dr.SR Technical University, India

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

Sumant Chaubey

Ph. D – Molecular Microbiology - Maharaja Sayajirao University, Vadodara, M. Sc-Biotechnology- Maharaja Sayajirao University, Vadodara, Graduation B.Sc.- Zoology and Chemistry -Banaras Hindu University, Varanasi , India

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Microstructural Properties of ZnO Powder Nanostructures Prepared by
Mechanical Alloying

Oudjertli Salah

University of Badji Mokhtar Annaba, Algeria

Nanotechnology, Nano Science

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

Nagia Farag Ali

Dyeing and printing department, National Research Centre, Egypt

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

Don Wilshe

Owner, Biobased USA, USA

BIOANALYTICAL METHOD DEVELOPMENT AND BIOLOGICAL ASSESSMENT OF
TERBINAFINE HCL IN VIVO FROM NANOEMULSION AND OTHER DOSAGE FORMS

Gampa Vijaya Kumar

Department of Pharmacy, KGR Institute of Technology and Management, India

Synthesis of Magnetite Nanoparticles Obtained by Solution Combustion Method

Aidos Lesbayev

Institute of Combustion Problems, Almaty, Kazakhstan

Analysis of Wideband Millimetre Wave PBG Antenna

Smrity Dwivedi

Department of Electronics Engineering, Indian Institute of Technology, Varanasi,
Uttar Pradesh, India

Paper-based Automated ELISA

Mostafa Amer

University of Science and Technology at Zewail City, Egypt

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Nanotechnology in Engineering Program

Nasser Mahmoud Hasan

Nanotechnology and Innovation Group, Unisal/Sao Jose, Brazil

Geoexchanger System for Buildings Heating and Cooling

Abdeen Omer

Energy Research Institute (ERI), Nottingham NG7 4EU, United Kingdom

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

Chinnaiah Amutha

Department of Animal Behaviour and Physiology, School of Biological Sciences, Madurai Kamaraj University, Madurai-625 021, Tamilnadu, India

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

Ferdous Aktar

PhD Candidate, Department of Applied Chemistry & Chemical Engineering, University of Dhaka, Bangladesh.

Materials for Green Technology, Nanotoxicity, Nanotech in Energy

Efficient technique for reducing pollution using catalytic converter

Naveen

Department of Electronics and Instrumentation Engineering, Sri Ramakrishna Engineering College, India

THE WORLD GOES GREEN, TECHNOLOGY ADVANCES: REVIEWS AND PROSPECTS

PAKO MOILWA

Pako Moilwa (Mr), Ministry of Basic Education, Moeng College, P.O. Box 50, Moeng, Botswana

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

Doaa Zamel

Medical Research Institute, Egypt

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

Saqer Herzallah

Department of Nutrition and Food Science, Mutah University, Karak, Jordan

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

Nuru SaidSalum

The state University of Zanzibar, P.O.Box 146,Zanzibar,Tanzania

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

S.Selladurai

Department of Physics, Anna University, India

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

S. Orlov

Petrozavodsk State University, Russia

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

Muhammad Arif

Nanjing University of Science and Technology China, China

Nanodevices, Nanosensors, Nanoelectronics

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

Fahim Aziz Eldin Mohamed Shaltout

Faculty of Veterinary Medicine, Food Control Department, Benha University, Egypt

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

Hasina Huq

Department of Electrical Engineering, The University of Texas Rio Grande Valley, USA

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

M. Jamaluddin Ahmed

Professor of Analytical Chemistry, Department of Chemistry, University of Chittagong, Chittagong-4331, Bangladesh

FUNCTIONAL ANALYTIC APPROACH TO A CLASSICAL PROBLEM OF FILTERING THEORY

Thiyagarajan .M

Dean Research, Nehru Group of Institutions, Nehru Institute of Engineering and Technology, Coimbatore-641 105, Tamilnadu, India

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

Jumril Yunas

Institute of Microengineering and Nanoelectronics, Universiti Kebangsaan Malaysia, Malaysia

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

Sunitha VR

Department of Physics, PES University, India

Silicon Microwire Arrays Decorated with Dichalcogenides for Water Photoelectrolysis

Shu-Fen Hu

Department of Physics, National Taiwan Normal University, Taiwan

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

Ru-Shi Liu

Department of Chemistry, National Taiwan University, Taiwan

Designing Low-Power VLSI Circuits: Practical Recipes

Subir Kumar Sarkar

Department of Electronics and Telecommunication Engineering, Jadavpur University, Kolkata, India

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Superwetting electrodes for Gas-involving Electrocatalysis

Xiaoming Sun

State Key Laboratory of Chemical Resource Engineering, Beijing University of Chemical Technology, Beijing 100029, China

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

DIBYA PRAKASH RAI

Department of Physics, Pachhunga University College, Aizawl, India

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

Khalid Elyas Mohamed Elameen Alkhidir

Department of Petroleum and Natural Gas Engineering, Riyadh, King Saud University, Saudi Arabia

Gas Chromatographic Method for Estimation of Organic Volatile Impurities

Rahul Hajare

Indian Council of Medical Research

Nanooptics, Nanophotonics, Nanomagnetism

New approach for disk laser

Victor V. Apollonov

Doctor of Physics and Mathematics, Professor, Academician of RANS and AES, Russia

Blue Emission from ZnO mulilayer nanostructured thin film and modifications by 100 MeV Ag SHI irradiation

Surender Kumar

Department of Physics, Ramjas College, University of Delhi, India

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

Neeraj Marwaha

CSIR NPL NEW DELHI, INDIA

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

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Muhammad Mumtaz

Materials Research Laboratory, Department of Physics, FBAS, International Islamic University (IIU) Islamabad 44000, Pakistan

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

Oluwasegun Eso Falodun

Centre for Nanoengineering and Tribocorrosion, School of Mining, Metallurgy and Chemical Engineering, University of Johannesburg, South Africa

Spin-Orbitronics at Heavy-Metal Interfaces for THz Emission

Henri Jaffrès

Unité Mixte de Physique CNRS-Thales, France

Gold-coated magnetic nanoparticles for the wiring of enzymes

Justina Gruzauskaitė

Institute of Biochemistry, Life Science Center, Vilnius University, Sauletekio al. 7, LT-10257, Vilnius, Lithuania

Polymer Technology, Atomic Bonding

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

Hamad Amor

Tebessa-Kasserine, Algeria-Tunisia, Algeria

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

Hadi Al-Lami

Department of Chemistry, College of Science, University of Basrah, Iraq

Poly (vinyl alcohol) nanocomposite membranes for pervaporation process

Soney George

Centre for Nanoscience and Technology, Department of Basic Sciences, Amal Jyothi College of Engineering, INDIA

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

ANKIT KARGETI

Department of Physics, INVERTIS University, Bareilly, India

Fabrication of Gas sensor for Hydrogen disulphide gas

Walaa Shabaan

Egyptian petroleum research institute, Egypt

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

Paul Ocheje Ameh

Physical Chemistry Unit, Department of Chemistry, Nigeria Police Academy, Wudil, P. M B. 3474, Kano State Nigeria

Graphene Based Protective Coatings

A.S.Khanna

Department of Metallurgy, IIT Bombay, India

Rapid and selective adsorption of dyes by thermal oxidation nanodiamonds

Alireza Pourghaderi

Department of Chemical and Petroleum Engineering, Sharif University of Technology, Tehran, Iran

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

SAJID ALI

Affiliation School of Mathematical and Physical Sciences, University of Technology Sydney, Ultimo, New South Wales 2007, Australia

Automotive Graphene-based Nanocomposites

Ahmed Elmarakbi

Automotive Composites Group, Faculty of Engineering and Advanced Manufacturing, University of Sunderland St Peter's Campus, St Peter's Way Sunderland SR6 0DD, UK

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

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Akram Alabadi

South Refineries Company, Oil of Ministry, Iraq

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

K. Vijaya Kumar

Department of Physics, Dayananda Sagar Academy of Technology and Management, Bangalore- 560082-INDIA

Biomaterials, Mining & Metallurgy, Carbon Nanotubes

Biopolymers and Bio-nanomaterials from Lipids

Aman Ullah

Chemical Sciences and Technologies, Canada

Bio-soluble magnesium alloy for implants in osteosynthesis

Aikin Nikita

Department of Physical Materials Science, Zaporozhye National Technical University, Ukraine

Lyotropic liquid crystalline mesophases as soft templates

Ravi K Shukla

Department of Physics, DIT University, India

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

Camillo La Mesa

Department of Chemistry, Sapienza University, Italy

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

Ewa Bogel-Łukasik

LAQV, REQUIMTE, Department of Chemistry, Faculty of Science and Technology, New University of Lisbon, Caparica, Portugal

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

Yong Zhou

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School of Physics, National Laboratory of Solid State Microstructures, Nanjing University, China

Nanomedicine, Cancer Nanotechnology

Surface coating of metallic medical implants

Mansoureh Ganjali

Materials and Energy Research Centre (MERC) Hamedan Iran Avisina University, Iran

Histological Studies on *Heteracris littoralis* (Rambur) Treated with Silica Nanoparticles / Challenger Formulation

Aziza Sharaby

Department of Pests and Plant Protection, National Research Centre, Giza, Egypt
NanoBindi-A clinical-outcome focused, patient-centric precision therapeutic development platform

Arkesh Mehta

OncoBindi Therapeutics, USA

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

Falguni Tandel

Quality Assurance Department, Parul Institute of Pharmacy, Parul Universtiy, Vadodara, Gujarat, India

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

Md Yousuf Ansari

M.M. College of Pharmacy, Maharishi Markandeshwar University, Mullana, Ambala, Haryana-133207, India

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

Ruchi Tiwari

Department of Pharmacy, Pranveer Singh Institute of Technology, Kalpi road, Kanpur-208020, Uttar Pradesh, India

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Alternative medicine: an intelligent choice

Larisa Anatolievna Maksimadzi

University of Moscow, 1986, URSS

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

Asmaa Mohamed Reda

Center for nanotechnology, Zewail City of Science and technology, Egypt

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

Cletus A. Ukwubile

Department of Pharmacognosy and Drug Development, Faculty of Pharmaceutical Sciences, Ahmadu Bello University, Zaria, Nigeria

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

Sadhan Bag

Division of Physiology and Climatology, India

Carboplatin Activity Investigation in Neuroblastoma Cells using Functionalized Graphene Oxide Nanoparticles

Sami Makharza

IFW Dresden 01171 Dresden, Germany

Nanotechnology in Healthcare

Enhanced Oral Bioavailability of an Antipsychotic Drug through Nanostructured Lipid Carriers

N.Jawahar

Dept. of Pharmaceutics, J.S.S College of Pharmacy, Udthagamandalam Jagadguru Sri Shivarathreeshwara University, Mysuru, India

COMPARITIVE STUDY ON INTERNATIONAL & INDIAN PHARMACEUTICAL REGULATIONS

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Uma Vasireddy

Pharmaceuticals Export Promotion Council of India, India

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

Anas Taweelh

Biotechnology Department, University of Kalamoon, Syria

Assessment of Thermodynamic, Adso–Kinetic and Inhibition Potentials of Gmelina Arborea Fruit Extract on Corrosion of Rolled Homogenous Steel Plate in Sulphuric Acid

Efiok J. Akpan

Masters Degree in Materials Science and Explosives, Chemistry Department, Nigerian Defence Academy, kaduna, Nigeria

Biotechnology and Biochemical Analysis Technique to isolate Vanillin derivatives for Plum fruit Tree (I)

Alaa J.Mahrath

Biochemistry Department, College of Medicine /Babylon University, IRAQ

Styrene maleic acid encapsulated raloxifene micelles for management of inflammatory bowel disease

Khaled Greish

Department of Molecular Medicine, College of Medicine and Medical Sciences, Princess Al-Jawhara Centre for Molecular Medicine, Arabian Gulf University, Manama, Kingdom of Bahrain

Nanoparticulate Bisphosphonates: Powerful Tool for Treating Bone Resorption in Mammals

Wafaa Abdou

Chemical Industries Division, National Research Elbehouth St. Dokki, Cairo, Egypt

HEALTHCARE PYRAMID OF EMERGING TECHNOLOGY IN IMPROVING THE QUALITY OF PATIENT CARE

Dalhatu A

Department of Nursing Sciences, Bayero University, Kano, Nigeria

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June 25-27, 2018 Dubai, UAE

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

Nakuleshwar Dut Jasuja

Associate Professor and Head, Faculty of Basic and Applied Science, Vivekananda Global University & VIT, Jaipur – 303012, India

Posters

The convergence of technologies, generates convergence in the regulations

Guillermo Valdes Mesa

Havana University Center Biomaterial, Cuba

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

Eman Mohamed El-khatib

National Research Center Egypt, Egypt

LABORATORY STUDY ON THE USE OF TIRES SHREDS IN REINFORCING THE SOIL

Kheira Negadi

University of Chlef Algeria, Algeria

Does operations strategy affect competitiveness? Evidence from Egyptian pharmaceutical manufacturing sector

Reem Mohamed Naseem Elbolok

Sinai University, Egypt

CEO bonus and Goodwill Recognition: Evidence from US Combination

Rasha M. Elbolok

Faculty of Commerce, Suez Canal University, Ismailia, Egypt

Analyses of carbon nanotube-reinforced composite sandwich plates using first order shear deformation

Mohamed ZIDOUR

University of Ibn Khaldoun, Algeria

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Effect of shear deformation polymer on free vibration of zigzag carbon nanotube using nonlocal Euler-Bernoulli model

Tayeb BENSATTALAH

University of Ibn Khaldoun, Algeria

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

BENOUALI Djillali

Department of Physical Chemistry, Faculty of Chemistry , University of Sciences and Technology- Mohammed Boudiaf, Oran, Algeria

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

Mahboub shahrabi Farahani

Faculty of Allied Sciences, Iran University of Medical Sciences, Iran

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

NAVEEN KUMAR

MNNIT ALLAHABAD, India

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

Nadia Taha Ali Dawoud

Al-Azgar University Egypt, Egypt

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

Ali Mohammed Yimer

Department of Applied Chemistry, Arba Minch University, Ethiopia

COMPARING LANGMUIR PROBE I-V CHARACTERISTICS OF DIFFERENT PROBE RADIUS IN MAXWELLIAN IONOSPHERIC PLASMA

Shankar Bhattarai

Department of Physics, Patan Multiple Campus, Nepal

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

Tounsia ABBAS-AKSIL

Laboratory of Soft Technologies and Biodiversity, Algeria

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

Tsegahun Worku Brhanie

Applied human nutrition department, school of chemical and food engineering
Bahir Dar University, Ethiopia

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

RASHMI D

Department of chemistry, Srinivas School Of Engineering, India

Simultaneous quantitative estimation of selected anti-retroviral drugs in Nanoformulation by RP-HPLC method

V.Senthil

Department of Pharmaceutics, Jagadguru Sri Shivarathreeswara University,
Mysuru JSS College of Pharmacy, Ootacamund, Tamil Nadu, India

Botanical and Biotechnological studies of Genus *Asparagus*

Sally.F.Desoukey

Faculty of Agriculture –Cairo University, Egypt

FORMULATION DEVELOPMENT AND EVALUATION OF PRESS COATED PULSATILE RELEASE FORMULATION OF ACECLOFENAC AND SERRATIOPEPTIDASE

Vipulkumar P. Patel

School of Pharmacy, RK University, Rajkot, India

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

CHEMANI Halima

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Process engineering department, Faculty of Engineering Sciences, University
M'Hamed Bougara, Boumerdes 35000 ,Algeria

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

Sabria Malika Mansour

Civil Engineering Department, University M'Hamed Bougara, UMBB, Algeria

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

Maher Wasli

Applied science, Higher College of Technology/Ministry of Manpower, Oman

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

BENGUERINE KARIMA

Faculty of Science and Technology, University of Mascara, Algeria

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

M Padmaa Paarakh

Department of Pharmacognosy, The Oxford College of Pharmacy, 6/9, I Cross,
Begur Road Hongasandra, Bangalore 560068, India

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

Hanan Mohamed Alamin Eyssa

Radiation Chemistry Department, National Centre for Radiation Research and
Technology (NCRRT), Egyptian Atomic Energy Authority, P. O. Box 29, Nasr City,
Cairo, Egypt

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)

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June 25-27, 2018 Dubai, UAE

Madhukar A

Avanathi Institute of Pharmaceutical Sciences, Gunthapally, Hyderabad, Telangana, India

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

Nermeen M. Khalil

Department of Pharmaceutics & clinical pharmacy, Faculty of Pharmacy, Nahda University, Beni-Suef, Egypt

Study of fracture behavior of Bcc Iron by molecular dynamic simulation

Zahra Mohammadi

Department of Mechanical Engineering, Adiban Institute of Higher Education, Iran

Nursing, health and biotechnology

Jose Dionisio de Paula Junior

Federal University of Viçosa (UFV), Brazil

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

Luca scotti

Department of Biomedical, Oral and Biotechnological Sciences-“G. d’Annunzio” University of Chieti-Pescara, Italy

Tribological characterization of a sintered bronze by the sintering process

Keraghel Fatiha

Institute of Optics and Precision Mechanics, University Ferhat Abbas Setif 1, Setif, Algeria

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

chettah wahid

Department of Geological Sciences, University of Constantine, Algeria