



**World Congress On Chemistry**  
**&**  
**World Congress & Expo On**  
**Toxicology & Pharmacology**  
November 15-17, 2018  
Rome, Italy

**conference secretariat**

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# Scientific Program

Day-1 (November 15, 2018)

08:00-09:30 Registrations

09:30-10:00 **Opening Ceremony**

## Keynote Forum

10:00-10:05 **Introduction**

10:05-10:40 **Title: Synthesis of sulfoxide from its sulfide by plant enzyme**

**Pratibha Yadav**, CRDT, IIT Delhi, New Delhi, India

10:40-11:15 **Title: Toward New Materials From Softwood Kraft Lignin; Carbon Fibers, Heat Stable Thermoplastics**

**Dimitris S. Argyropoulos**, Departments of Chemistry & Forest Biomaterials, North Carolina State University, NC USA

Group Photo

Coffee Break 11:15-11:35

11:35-12:10 **Title: Refinery Waste Hydroprocessing Catalysts Treatment and their Metal Recovery Processes**  
**Meena Marafi**, Petroleum Research Center, Kuwait Institute for Scientific Research, Safat, Ahmadi, Kuwait

Major Session:

Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Stereochemistry

Session Chair: **John Owen Roberts**, Independent Researcher, Former Open University Tutor, U.K

12:10-12:35 **Title: Radiosynthesis of technetium-99m labelled methotrexate: biodistribution and preliminary evaluation as potential soft tissue and bone sarcoma imaging agent**

**Syed Ali Raza Naqvi**, Department of Chemistry, Government College University, Faisalabad, Pakistan

12:35-13:00 **Title: Utilization of LC-Tandem mass spectrometry for analysis of poly pharmacy levels using microsampling technique**

**Ahmed M. Abdalla**, School of Pharmacy & Medical Sciences, University of South Australia, Basil Hetzel Institute for Translational Health Research, Adelaide, Australia

13:00-13:25 **Title: The study of transparent soap, melt and pour soap with effective eliminating petroleum products**

**Muhammad Sagir**, Department of chemical Engineering, University of Gujrat, Pakistan

Lunch Break 13:25-14:25

14:25-14:50 **Title: Removal of heavy metals from liquid wastes using Polymeric material**

**Ehssan Nassef**, Pharos University in Alexandria, Egypt

14:50-15:15 **Title: Quartz crystal microbalance technique for out gassing evaluation of spacecraft payloads materials**

**Rajeev Vaghmare**, Ex- ISRO Scientist, India

**Major Session:**

**Drug targeting, Drug Delivery, Microencapsulation, Drug overdose**

**15:15-15:40 Title: Protective Effect of Thymoquinone against Diazinon-Induced Hematotoxicity, Genotoxicity and Immunotoxicity in Rats**

**Mohammad Karami**, Mazandaran University of Medical Sciences, Sari, Iran

**15:40-16:05 Title: Proliferative effect of vincristine sulfate and estradiol on female mice**

**Khalil Hassan Zenad Jeboori**, University of Baghdad, Iraq

Coffee Break 16:05-16:25

**16:25-16:50 Title: Systems Thinking in Medicine and New Drug Discovery**

**Robert E Smith**, Park University, United States

**16:50-17:15 Title: The Eurycomanol Isolated from Eurycoma longifolia, Jack showed have activity of killing ring stage of Plasmodium falciparum In Vitro**

**Eti Nurwening Sholikhah**, Universitas Gadjah Mada, Yogyakarta, Indonesia

**17:15-17:40 Title: Toxicology study about opioid analgesics and ibuprofen antalgic in a salivary sample approach from mother child exposition**

**Raphael Serreau**, Orléans Métropole, France

**17:40-18:05 Title: Evaluating a novel drug delivery system for oral amoxicillin**

**Nadeem Ahmad**, Advanced product design services, Canada

**Major Session:**

**Polymer Synthesis, pharmaceuticals & Nutraceuticals**

**18:05-18:30 Title: A Quantum Connection in the Periodic and Roberts-Janet Tables**

**John Owen Roberts**, Independent Researcher, Former Open University Tutor, U.K

**18:30-18:55 Title: Synthesis, Characterization and electrochemical studies of Polyvinyl chloride based nickel phosphate composite membrane**

**Mohd Arsalan**, Department of Chemistry, Aligarh Muslim University, India

## Day-2 (November 16, 2018)

08:30-09:00 Registrations

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### Keynote Forum

08:55-09:00 Introduction

09:00-09:40 **Title: Chemistry is the major industries for the development of health, daily use of life, reduce financial crises, poverty and hunger in the world**

**Muhammad Usman**, Former Director General of Agricultural Research System,  
Govt of Pakistan

Major Session:

Green chemistry and environmental Pollutants & Sustainable Material Management

Session Chair: **Khalil. Mataqi**, Research Scientist at the Kuwait Institute for Scientific Research, Kuwait

09:40-10:05 **Title: Assessment and Control of Biomass Growth in Fuel Storage Tanks at the KNPC Phase II: Evaluation of the Effectiveness of Biocides in Controlling the Microorganisms Causing Problems in Oil Products Tanks**

**Khalil. Mataqi**, Research Scientist at the Kuwait Institute for Scientific Research, Kuwait

10:05-10:25 **Title: Biotechnology and Biochemical Analysis Technique to isolate Vanillin derivatives for Plum fruit Tree (I)**

**Alaa J.Mahrath**, Babylon University College of Medicine, Iraq

### Group Photo

Major Session:

Clinical Pharmacology, Safety Pharmacology, Pharmaceutical Formulation

10:45-11:10 **Title: Potentially Deadly Dietary Supplements**

**Robert E Smith**, Park University, United States

11:10-11:35 **Title: The effect of glycerol on shape, size, and growth rate of Escherichia coli**

**Maryam Sadat Hosseini Zare**, Texas Southern University, United States

11:35-12:00 **Title: Understanding Cell-Mediated Immune Responses Against Simian Immunodeficiency Virus (SIV)**

**Nancy Hall**, Field Science Center for Northern Biosphere, Japan

Lunch Break 13:00-14:00

## Posters Sessions 14:00-16:00

- P-001 **Title: Targeting Hsp90 in urothelial carcinoma**  
**Faouzia Ajili**, Pasteur Institute of Tunis, Tunisia
- P-002 **Title: Occupational Toxicology**  
**José Dionísio de Paula Júnior**, Federal University of Viçosa, Brazil
- P-003 **Title: “In-Vitro and In-Vivo Antibacterial Activities of Croton macrostachyus Methanol Extract against E. coli and S. aureus”**  
**Ashenafi Kiros**, Ethiopia Agricultural Research Council Secretariat, Ethiopia
- P-004 **Title: QSAR and Docking Studies of Tankyrase-2 Inhibitors as Anticancer Agents: Assessment of Structure Activity Relationships**  
**Mervat El-Hamamsy**, Department of Pharmaceutical Chemistry, Tanta University, Egypt
- P-005 **Title: Anti-bacterial and anti-fungal activity of xanthones obtained via semi-synthetic modification of a-mangostin from Garcinia mangostana**  
**Amin Majdalawieh**, Department of Biology, Chemistry and Environmental Sciences, American University of Sharjah, Sharjah, United Arab Emirates
- P-006 **Title: Assess the effectiveness of some microbial enzymes as safe treatment for removing the protective layers during the detachment of mural painting**  
**Mona F. Ali**, Faculty of Archaeology, Conservation Department, Cairo Egypt
- P-007 **Title: Effect of a Roundup® on the preoptic area and the hypothalamus in Paracheirodon axelrodi (Cardinal Tetra)**  
**Camilo Riaño**, Universidad Militar Nueva Granada, Colombia
- P-008 **Title: Toxicity and effects of a glyphosate-based herbicide (Roundup® Activo) in dorsal root ganglion neurons on the Neotropical fish Piaractus brachypomus**  
**Edwin Gomez Ramírez**, Universidad Militar Nueva Granada, Colombia
- P-009 **Title: Evaluation of the production capacity of taxol of endophytic fungi associated with the taxodium mucronatum (Ahuehuete)**  
**Nadia Mendoza**, Department of Chemical Engineering, Technological Institute of Celaya, Antonio García Cubas, Fovissste, Celaya, Guanajuato, Mexico
- P-010 **Title: Biological and chemical activities of some beninese plant’s**  
**Amadou Afoussatou**, University of Abomey Calavi, Benin
- P-011 **Title: Brain and immune system : KURU disease an endogenous toxicological process like?**  
**Mauro Luisetto**, European Specialist Laboratory Medicine Hospital Pharmacist Manager, Italy
- P-012 **Title: In vitro vasomotor effects of capparis spinosa aqueous extracts**  
**Nadia Benzidane**, Universite farhat abbas setif, Algeria
- P-013 **Title: In Vitro Antileishmanial Activity of Helianthus annuus and Pulicaria crispa (Asteraceae)**  
**Mohamed Mirghani**, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, International University of Africa, Sudan
- P-014 **Title: Physio-chemical study of blue and green glass residues from Late period , Heliopolis, Egypt**  
**Nagwa S. Abdel-Rahim**, Conservation Departments,, Fayoum University, Egypt
- P-015 **Title: Effect of venlafaxine on spermatogenesis, epididymis and sperm parameters of rats**  
**Estela Sasso Cerri**, Sao Paulo State University, Brazil
- P-016 **Title: Infiximab and diacerein may inhibit osteoclastogenesis and collagen degradation in the eruptive pathway of rat molars**  
**Paulo Sergio Cerri**, Sao Paulo State University, Brazil

- P-017** **Title: Development and evaluation of the effect of microbacterines formulated with Filifolinone against P.salmonis**  
**Brenda Modak**, Center of Aquatic Biotechnology, Department of Environmental Sciences, Faculty of Chemistry and Biology, University of Santiago of Chile
- P-018** **Title: Biogenic amino acid derived polymer of N,N-Diallyl-L-methionine and N,N-Diallylamino propane sulfonate: synthesis, characterization and application as corrosion inhibitors**  
**Mohammad Abu Jafar Mazumder**, Chemistry Department, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
- P-019** **Title: An industrializable solution for flexible PVC without external plasticizers**  
**Célia F. Frias**, Chemical Engineering Department, University of Coimbra, Portugal
- P-020** **Title: Interest of the therapeutic monitoring of vancomycin in patients with infectious endocarditis**  
**Saadi Rachida**, Department of Pharmacy, Faculty of Medicine, University of Oran, Algeria
- P-021** **Title: Usefulness of methotrexate Therapeutic Drug Monitoring in high dose administration: A Case Study**  
**Sanae Djelad Kaddour**, Faculty of Medicine, university of Oran 01, Algeria
- P-022** **Title: Ethnobotanical survey on toxic plants used in traditional medicine in Algeria**  
**Hayat Nadour**, University of Oran 1 A Benbella, Algeria
- P-023** **Title: Environmentally friendly syntheses of biological active azaheterocycle-containing phosphonates**  
**Aigul Ye. Malmakova**, Institute of Chemical Sciences, Kazakhstan
- P-024** **Title: Synthesis, structure and biological properties of some aniline and dioxaborinopiperidine derivatives**  
**Ekaterina V. Neborak**, Department of Biochemistry, Medical Institute, Peoples' Friendship University of Russia (RUDN University), Russia
- P-025** **Title: Exposure To Carbon Monoxide: Evaluation At The Staff Of The Central Kitchen Of The Ehuo**  
**Nawel Belabbaci**, Faculty of Medicine, Oran University, Algeria
- P-026** **Title: Profile of acute paracetamol poisonings received at the Pharmacology Toxicology Department of Oran University Hospital**  
**Bilel Chefirat**, Faculty of Medicine, Oran University, Algeria
- P-027** **Title: The drug use profile and the new trends of drug diversion: Experience of the department of pharmacology and toxicology of the University Hospital of Oran**  
**Bendjamaa Atika**, Faculty of Medicine, Oran University, Algeria
- P-028** **Title: Influence of ultraviolet-B radiation (UV-B) in the synthesis of pigments from Boletales fungi with antioxidants and photoprotective properties**  
**Solange Torres**, Laboratory of Natural Products Chemistry, University of Concepcion, Chile
- P-029** **Title: Benzofuran derivatives from Andean-Patagonian fungi as potential neuroprotective compounds**  
**Mariela Gonzalez Ramirez**, Centre of Analysis and Synthesis, Lund University, Sweden
- P-030** **Title: Selenium status in two groups of patients Hashimoto and Graves autoimmune thyroid diseases: Case-control study**  
**Abouejal Nesrine**, Faculty of medicine, Oran University, Algeria
- P-031** **Title: Effect of cisplatin and ftorafur on the formation of extracellular neutrophil traps in patients with cervical cancer**  
**Yuriy Fomenko**, Karaganda State Medical University, Kazakhstan

- P-032** **Title: Interest Of Methemoglobine Dosage In Patients Under Dapsone**  
**Fatima Zohra Saadi**, 1st November 54 Hospital, Algeria
- P-033** **Title: The influence of selected cationic lipoid on model bacterial membranes**  
**Marzena Mach**, Department of Physical Chemistry and Electrochemistry, Faculty of Chemistry Jagiellonian University, Poland
- P-034** **Title: The influence of molecular weight of PEGylated chains on interactions between components in artificial cell membranes**  
**Magdalena Kowalska**, Department of Physical Chemistry and Electrochemistry, Faculty of Chemistry Jagiellonian University, Poland
- P-035** **Title: Preparation and characterization of graphene with Au nanoparticles in thin films for electronic flexible applications**  
**Thelma Serrano**, Universidad Autónoma de Nuevo León, UANL, Facultad de Ciencias Químicas, Laboratorio de Materiales I, Av. Pedro de Alba S/N, Ciudad Universitaria, San Nicolás de los Garza, Nuevo León, México
- P-036** **Title: Eudesmin, a lignan abundant in the knots of Araucaria araucana**  
**Gaston Bravo Arrepol**, Laboratory of Natural Products Chemistry, University of Concepción, Chile
- P-037** **Title: Study and design of solar cells hybrids using 3-Hexylthiophene and ZnO nanorods decorated with Au nanoparticles**  
**Maria Idalia Gómez de la Fuente**, Universidad Autónoma de Nuevo León, UANL, Facultad de Ciencias Químicas, Laboratorio de Materiales I, Av. Pedro de Alba S/N, Ciudad Universitaria, C.P. 66430, San Nicolás de los Garza, Nuevo León, México. 1of Concepción, Chile
- P-038** **Title: Neodymium Incorporated Ordered Mesoporous Carbon (OMC) for Enhanced Adsorption of Sunset Yellow (SY)**  
**Daniel Gang**, Center of Environmental Technology, The Energy Institute of Louisiana, LA, USA
- P-039** **Title: The interactions of 2-hydroxyoleic acid with membrane lipids - studies on monolayer and bilayer artificial systems**  
**Karolina Olechowska**, Department of Physical Chemistry and Electrochemistry, Jagiellonian University, Gronostajowa 2, 30-387 Krakow, Poland
- P-040** **Title: Obtaining and research of the composition and structure of the max- phase of the ti-al-c system by shs method**  
**Martirosyan Vilena Hakob**, Chemical and Environmental technologies, National Polytechnic University of Armenia, Yerevan, Armenia
- P-041** **Title: The impact of long-term lithium treatment on renal function in patients with bipolar disorder from the perspective of new biomarkers**  
**Milan Dastych**, Faculty Hospital Clinical Biochemistry, Brno, Czech Republic
- P-042** **Title: Study of Structure of Nonionic Reverse Micelles Modified with Sodium Cholate**  
**Manoni Kurtanidze**, Faculty of exact and natural science, Iv. Javakhishvili Tbilisi State University, Georgia
- P-043** **Title: Oxidative stress markers of neutrophils in patients with alcohol and acetic acid poisoning**  
**Demidchik Lyudmila**, Karaganda State Medical University, Karaganda, Kazakhstan

*Best Poster Award Presentation*

## Day-3 (November 17, 2018)

### 09:00-10:00 Registrations

#### Major Session:

Biotechnology, Nanotechnology & plant, Aquatic and Animal Toxins, Chemical & Metal Toxicology

**Session Chair: Abdul Qadeer Malik**, School of Chemical and Materials Engineering National University of Sciences and Technology, Islamabad, Pakistan

**10:00-10:25 Title: Smart Materials to Direct Brain/Computer Interface**

**Abdul Qadeer Malik**, School of Chemical and Materials Engineering National University of Sciences and Technology, Islamabad, Pakistan

**10:25-10:50 Title: Hepatoprotective and anti-oxidant activities relationship of the antioxidant action of resveratrol and its derivative**

**Essam Fadel**, Biotechnology Dept. /Institute of Biotechnology and Genetic Engineering for Post Graduate Students/ University of Baghdad, Iraq

**10:50-11:15 Title: Optimizing deposition of platinum nanoparticles on functionalized graphene oxide**

**Nur Uddin Ahamad**, Department of Chemistry, Shahjalal University of Science and Technology, Bangladesh

### Group Photo

### Coffee Break 11:15-11:35

**11:35-12:00 Title: Approach to Minimize Adverse Drug Reactions in Older Adults**

**Gujjarlamudi Himabindu**, RIMS Medical College, India

**12:00-12:25 Title: Small Indian mongoose (*Herpestes javanicus*) inhabiting tannery area of Kasur District show altered reproductive endpoints**

**Tariq Mahmood**, Department of Wildlife Management, PMAS-Arid Agriculture University Rawalpindi, Pakistan

**12:25-12:50 Title: Anti-cancer effects of wild mint's crude extract in adrenocortical tumor cell lines**

**Raffaele Pezzani**, University of Padova, Italy

**12:50-13:15 Title: Dioxins and Furans: Unintentional Emissions of Toxic Substances at Open Waste Burning**

**Anahit Aleksandryan**, Ministry of Nature Protection of the Republic of Armenia

**13:15-13:40 Title: Antimicrobial and Cytotoxicity Activities of Synthesis some new Benzopyrano-Pyrimidine Derivatives**

**Haya A. Abubshait**, Imam Abdulrahman Bin Faisal University, Saudi Arabia

**13:40-14:05 Title: Nickel release from imitation jewelry as a source of allergic contact dermatitis**

**Selda Mercan**, Institute of Forensic Sciences, Istanbul University, Turkey



Lunch Break 14:05-15:05

**Major Session:**

**Biochemistry, Forensic Chemistry and Aging biology, Neurotoxicity and Nephrotoxicity**

- 15:05-15:30** **Title: Solid Lipid nanoparticles for Sulfasalazine: fabrication, characterization, in-vitro and in-vivo assessment for enhanced oral bioavailability**  
**Maqsood ur Rehman**, Department of Pharmacy, University of Malakand Chakdara, Dir Lower, Khyber Pakhtunkhwa, Pakistan
- 15:30-15:55** **Title: Self Medication- A Serious Threat to Society**  
**Mohammed Salim KT**, Department of Pharmacy Practice, Kerala University of Health Sciences, India
- 15:55-16:20** **Title: Development of anti-viral vaccines and preparations for the treatment of influenza in the experiment**  
**Valentina Divocha**, State Enterprise Lugansk State Medical University, Rubezhnoe, Ukraine

Coffee Break 16:20-16:40

- 16:40-17:05** **Title: Perinatal ketamine administration induces early neurotoxic effects in mouse brain: relation to NADPH oxidase alterations**  
**Stefania Schiavone**, Department of Clinical and Experimental Medicine, University of Foggia, Italy
- 17:05-17:30** **Title: COX-2 inhibition prevents amyloid beta-induced toxicity in an acute rat model of Alzheimer's disease**  
**Maria Grazia Morgese**, University of Foggia, Italy
- 17:30-17:55** **Title: Inhibitory Effect of hydroalcoholic extract of green tea on cognitive impairment and oxidative stress induced by streptozocin in rats**  
**Ramin Ataee**, Mazandaran University of Medical Sciences, Iran

## Closing Ceremony