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Tentative Program

17th Global Toxicology and Risk Assessment Conference

October 22-24, 2018 Athens, Greece

Theme: De Novo Advancements in Toxicology and Risk Assessment



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

globaltoxicology.conferenceseries.com

Tentative Program

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
	11.00-12.40		5 Speakers (20 Mins Each)
Evening Sessions	**Lunch Break 12.40-13.30**		
	13.30-15.30		6 Speakers (20 Mins Each)
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25		5 Speakers (20 Mins Each)

10 Speakers for **Day 1**

Day 2

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Evening Sessions	**Lunch Break 12.35-13.25**		
	13.25-15.05	**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**

40 Speakers on **Day 2**

Day 3

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Evening Sessions	**Lunch Break 12.35-13.25**		
	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

30 Speakers on **Day 3**

Awards & Closing Ceremony

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

For more Details PS: http://globaltoxicology.conferenceseries.com/
global@toxicologyconferences.org | global@toxicologyconferences.com

Glimpses of Global Toxicology 2016









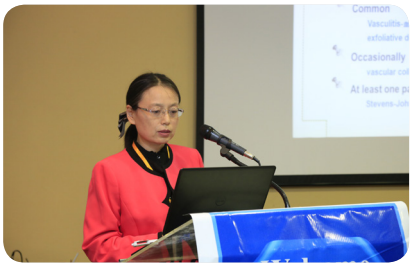


















Glimpses of Global Toxicology 2016















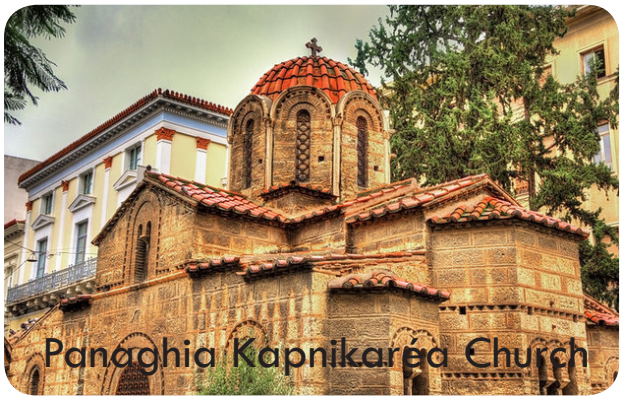


City Attractions

















About Athens

Athens is the capital and largest city of Greece. It dominates the Attica region and is one of the world's oldest cities, with its recorded history spanning over 3,400 years, and its earliest human presence starting somewhere between the 11th and 7th millennia BC.

Classical Athens was a powerful city-state that emerged in conjunction with the seagoing development of the port of Piraeus, which had been a distinct city prior to its 5th century BC incorporation with Athens. A centre for the arts, learning and philosophy, home of Plato's Academy and Aristotle's Lyceum, it is widely referred to as the cradle of Western civilization and the birthplace of democracy, largely because of its cultural and political impact on the European continent, and in particular the Romans. The heritage of the classical era is still evident in the city, represented by ancient monuments and works of art, the most famous of all being the Parthenon, considered a key landmark of early Western civilization. The city also retains Roman and Byzantine monuments, as well as a smaller number of Ottoman monuments..

Climate

October is known as the holiday weather for the tourist members. In October Athens enjoys an average of five hours of sunshine each day – that's one hour less than in September. October have nice weather with a good average temperature. May till June and September till October is an ideal time to visit Athens. The weather is perfect, still warm, but not unbearably hot.

Sort by: AlphabeticalHottestMost Popular View by: °C°F

Flag of Canary IslandsTenerife	22°C
Flag of GreeceCrete	20°C
Flag of SpainMajorca	18°C
Flag of MexicoCancun	27°C
Flag of ItalyRome	18°C
Flag of PortugalAlgarve	19°C

Venue

Athens, Greece

Important Dates

Abstract submission opens: September 25, 2017

Registration opens: September 25, 2017

Early bird registration: January 29, 2018

On spot registration: October 22, 2018

Contact Details:

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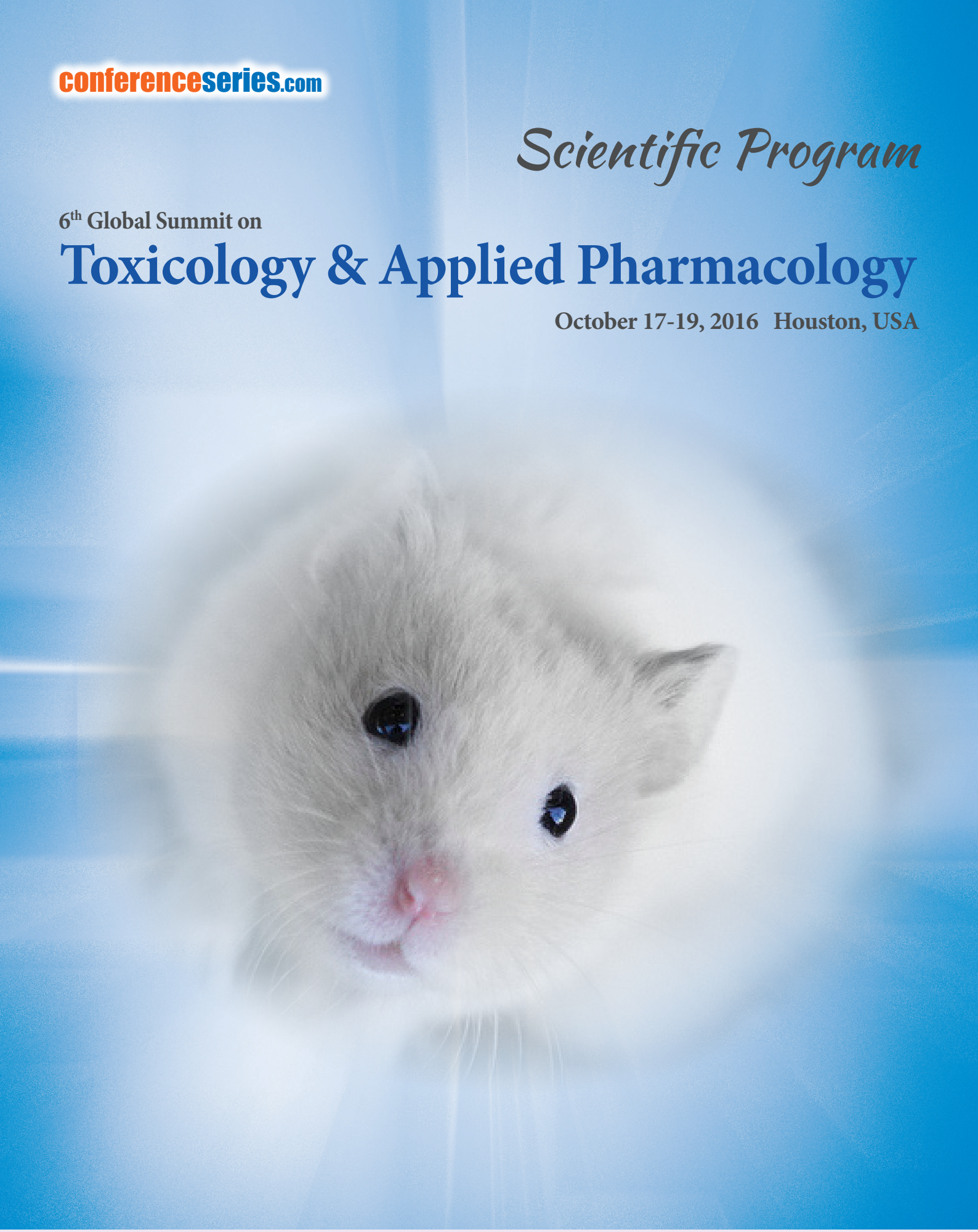
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Scientific Program

6th Global Summit on

Toxicology & Applied Pharmacology

October 17-19, 2016 Houston, USA



Hosting Organization: Conference Series LLC

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Email: toxicology@conferenceseries.net; toxicology@conferenceseries.com

Day 1 October 17, 2016

Registrations

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Hall-Canterbury

Opening Ceremony

Keynote Forum

Introduction

Title: Enzymatic DNA fragmentation: the mechanism and marker of drug toxicity

Alexei G. Basnakian, University of Arkansas, USA

Title: The Decomposition of N-Chloroglycine in Alkaline Aqueous Solution

István Fábián, University of Debrecen, Hungary

Title: Measurement of post-replicative DNA metabolism and damage in the rodent brain

Lawrence C Sowers, University of Texas, USA

Coffee Break @ Foyer

Sessions:

Toxicology | Food and Chemical Toxicology | Drug Toxicology | Toxicology Current Advances

Session Chair: Alexei G. Basnakian, University of Arkansas for Medical Sciences, USA

Session Co-chair: Sakhila K Banu, Texas A&M University, USA

Session Introduction

Title: Bioinformatics application in identification of cross-reactive allergenic risk of novel food proteins

Ping Song, Dow Agro Sciences LLC, USA

Title: Saffron's ingredient prevents hepatocellular carcinoma

Amr Amin, UAE University, UAE

Title: Chromium VI-induced reproductive toxicity: Mechanisms and intervention

Sakhila K Banu, Texas A&M University, USA

Title: D-α-tocopheryl polyethylene glycol 1000 succinate (TPGS)-containing vehicles provide no detectable chemoprotection from oxidative damage

Bethany R Baumgart, Bristol-Myers Squibb, USA

Title: Towards a deeper understanding of the mechanisms of interaction between acryl amide and key body-fluid thiols

Grace-Anne Bent, The University of the West Indies, West Indies

Lunch Break @ Churchill

Title: Permanently compromised nitric oxide signaling necessary for neuroendocrine function after early life exposure to PCBs

Margarita C Curras-Collazo, University of California, USA

Title: Identification of cell death endonuclease inhibitors as potential anti-toxicity drugs

Alexei G Basnakian, University of Arkansas for Medical Sciences, USA

Sessions:

Human Toxicology | Genetic Toxicology | Environmental Toxicology

Session Chair: Lawrence C Sowers, University of Texas, USA

Session Co-chair: Hong Sun, New York University School of Medicine, USA

Session Introduction

Title: Host-Induced Gene Silencing (HIGS) of aflatoxin synthesis genes in peanut and maize: use of RNA interference and genetic diversity of Aspergillus

Renee S Arias, USDA - Agricultural Research Service, USA

Title: Arsenic induces the highly carcinogenic polyadenylation of canonical histone mRNA by downregulating stem-loop binding protein

Hong Sun, New York University School of Medicine, USA

Title: Methemoglobinemia and intravascular hemolysis: Unusual presentations of metal phosphides poisoning

Amira Amin Wahdan, Tanta University, Egypt

Title: Molecular targets of aluminum toxicity: Cholinergic system, NADPH oxidase and mitochondrial dysfunction

Natasa Petronijević, University of Belgrade, Serbia

Coffee Break @ Foyer

Title: Molecular basis of endothelial dysfunction due to mercury exposure: An interface between Nitric Oxide and Oxidative stress

Swati Omanwar, Indira Gandhi National Open University, India

Title: Effect of oral exposure to crude oil on the total body weight of male and female albino wistar rats

Mercy Ekwere, University of Calabar, Nigeria

Panel Discussion

Day 2 October 18, 2016

Hall-Canterbury

Keynote Forum

Title: NeuroInflammation: How to evaluate potential contributions to neurotoxicity

G Jean Harry, National Institute of Environmental Health Science, USA

Sessions:

Pharmacology and Toxicology | Applied Pharmacology

Session Chair: G Jean Harry, National Institute of Environmental Health Science, USA

Session Co-chair: Gunnar Boysen, University of Arkansas for Medical Science, USA

Session Introduction

Title: Therapeutic Applications of Nicotine

Noreen Khan-Mayberry, NASA Office of Inspector General, USA

Title: The glutathione conundrum: Stoichiometric disconnect between formation and oxidative stress

Gunnar Boysen, University of Arkansas for Medical Science, USA

Coffee Break @ Foyer

Title: Regulation of liver drug transporter MRP2 by LKB and PTEN

Bangyan Stiles, University of Southern California, USA

Title: Pharmacogenetics of toxicity to fluoropyrimidines

Luis A Lopez-Fernandez, Gregorio Marañón Hospital, Spain

Title: Neuroinflammation: Dissecting microglia phenotypes and contributions to injury and repair

G Jean Harry, National Institute of Environmental Health Science, USA

Title: Novel progress in the mechanism of phosgene-induced acute lung injury

Chunxu Hai, Fourth Military Medical University, China

Lunch Break @ Churchill

Title: Innovative pharmacological treatment for enhancement of analgesia and prevention of morphine side effects based on a new pharmaceutical composition containing morphine combined with omega-3 fatty acids

Carlos Horacio Laino, National University of La Rioja, Argentina

Title: Cytotoxicity of calcium rectorite micro/nanoparticles before and after organic modification

Xue Zhou, Huazhong University of Science and Technology, China

Title: Redox regulation in health and disease: Novel hypothesis

Xin Wang, Fourth Military Medical University, China

Poster Presentations (15:05- 16:05)

TAP-001	**Title: Decomposition kinetics of n-chloro-alanines in alkaline aqueous solution** **Mária Szabo,** University of Debrecen, Hungary
TAP-002	**Title: Protective effects of Blueberry anthocyanin on ox-LDL-induced apoptosis to Human umbilical vein endothelial cells** **Jiyan Leng,** Jilin University, China
TAP-003	**Title: High-throughput Comet Assay Tank** **Mahsa Karbaschi,** Florida International University, USA
TAP-004	**Title: The efficacy of doxocycline, rousovastatine and spironolactone on cardiotoxic effect of Doxorubicin in female albino rats** **Ansam Jalal Aram Altelchy,** Hawler Medical University, Iraq
TAP-005	**Title: Toxicological study of the ethanolic leaf extract of *Vernonia cinerea* (Linn.) Less (*Asteraceae*)** **Alec Jacob S Lim,** University of Santo Tomas, Philippines

TAP-006 **Title: Clonidine as an adjuvant in the management of acute poisoning by anticholinesterase pesticides**
Amira Amin Wahdan, Tanta University, Egypt

Coffee Break @ Foyer

Panel Discussion

Young Researchers Forum

Title: p-Benzoquinone causes alteration of the structure of hemoglobin and loss of its oxygen binding capacity in smoker's blood
Arunava Ghosh, University College of Science-Kolkata, India
Title: Toxicogenomics in dissecting the BPA activity in endoderm derived organs
Danila Cuomo, University of Sannio, Italy
Title: New insights in mechanisms involved in drug-induced intra-hepatic cholestasis using HepaRG cells
Ahmad Sharanek, Rennes 1 University, France
Title: Novel resveratrol triesters demonstrate activity in diverse biological systems
Alicja Urbaniak, University of Arkansas for Medical Sciences, USA
Title: Detoxification of aflatoxin B1 using dietary molecular species
Blake R Rushing, Brody School of Medicine at East Carolina University, USA

Panel Discussion

Day 3 October 19, 2016

Hall-Canterbury

Sessions:
Toxicology Studies | Toxicology Risk Assessment | Toxicity Testing

Session Chair: Carlos Horacio Laino, National University of La Rioja, Argentina

Session Co-chair: Chunyuan Jin, New York University School of Medicine, USA

Session Introduction

Title: Aberrant regulation of oscillatory behavior in the extracellular signal regulated kinase (ERK) pathway: A toxicologists' perspective?
Thomas Weber, Pacific Northwest National Laboratory, USA
Title: Inhibition of chromatin assembly by major cigarette smoke component acrolein
Chunyuan Jin, New York University School of Medicine, USA
Title: Rescue of cells from apoptosis increases DNA repair in UVB exposed cells: Implications for the DNA damage response
Mahsa Karbaschi, Florida International University, USA

Coffee Break @ Foyer

Title: Innovation in the use of amitriptyline for pain treatment by combination with omega-3 fatty acids
Carlos Horacio Laino, National University of La Rioja, Argentina
Title: Sirtuin-6 inhibits epithelial to mesenchymal transition via inactivation TGF-β/smad signaling *in vitro* and *in vivo*
Xue Zhou, Huazhong University of Science and Technology, China
Title: A newly modified QuEChERS method for multiresidue analysis of organochlorines and organophosphates in foods consumed in Trinidad and Tobago
Grace-Anne Bent, The University of the West Indies, West Indies

Video Presentations

Title: Comparative study between the ecotoxicity of two solvents: An ionic liquid vs a solvent from biomass
Beatriz Giner, Universidad San Jorge, Spain
Title: Oxidized lipid glycerophosphocholines augment cancer growth and impact cancer therapies in a platelet-activating factor-receptor dependent pathways
Ravi P Sahu, Boonshoft School of Medicine, USA

Panel Discussion

Lunch Break @ Churchill

Awards & Closing Ceremony

conferenceseries.com

7th Euro-Global Summit on

Toxicology and Applied Pharmacology

October 24-26, 2016 Rome, Italy

Scientific Program



Registrations

Olimpica 2

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Opening Ceremony

Keynote Forum

Introduction

Title: Exposomics and systems medicine, two sides of the same coin
Stefano Bonassi, IRCCS San Raffaele Pisana, Italy

Title: Toxicology studies and results for determining safety of a novel anti-neutropenic factor–ANF-Rho™
Hemant Misra, Prolong Pharmaceuticals, USA

Title: The metabolism and pharmacokinetics of steviol glycosides and their impact on the ADI
Ashley Roberts, Intertek Scientific & Regulatory Consultancy, Canada

Title: Environmental exposures, gene polymorphisms and breast cancer risk
Eva Cecilie Bonefeld-Jørgensen, Aarhus University, Denmark

Group Photo

Networking and Refreshment Break @ Foyer

Session 1:

Occupational Toxicology | Nano Toxicology

Session Chair: Ashley Roberts, Intertek Scientific & Regulatory Consultancy, Canada
Session Co-chair: Vesna Matovic, University of Belgrade, Serbia

Session Introduction

Title: Nanomedicines in the European translational process
Susanne Bremer Hoffmann, Joint Research Centre-European Commission, Italy
Title: Development of novel targeted therapies for triple negative breast cancer: Targeting EF2-kinase
Bulent Ozpolat, University of Texas, USA
Title: Change of rodent carcinogenicity testing
Gerd Bode, University of Gottingen, Germany
Title: Attenuation of adverse health effects of metallic nanoparticles with innocuous bioprotectors: Mechanistic hypotheses and experimental results
I A Minigalieva, The Medical Research Center for Prophylaxis and Health Protection in Industrial Workers, Ekaterinburg, Russia
Title: Blood cancers from environmental exposure near an oil refinery
James Dahlgren and Patrick Talbott, USA

Lunch Break @ Hotel Restuarants

Title: Urine sediment as DNA source in the study of susceptibility biomarkers
Pieranna Chiarella, Istituto nazionale Assicurazione Infortuni sul Lavoro, Monte Porzio, Italy
Title: Oxidized graphene exhibits toxicity toward single-celled eukaryotes
Yazan Akkam, Yarmouk university, Jordan
Title: Crime, re-offense and substance abuse of patients with severe mental disorder
José Fernando Santos Almeida , Instituto Universitário da Maia, Portugal
Title: The insect repellent N,N-diethyl-m-toluamide (DEET) induces angiogenesis via allosteric modulation of the M3 muscarinic receptor in endothelial cells
Samuel Legeay, University of Angers, France
Title: Targeted screening of succinic semialdehyde dehydrogenase deficiency (SSADHD) employing an enzymatic assay for γ-hydroxybutyric acid (GHB) in biofluids
Cédric Wernli, University of Applied Science and Arts, Switzerland

Session 2:

Drug Toxicology | Human & Health Toxicology | Toxicologic Pathology

Session Chair: Yiqun Deng, South China Agricultural University, China
Session Co-chair: Mahmoud M El Mas, Alexandria Univeristy, Egypt

Session Introduction

Title: Characterization and regulation of the expression of drug transporters in human skin
Hanan Osman Ponchet, DMPK Research, France
Title: Vancomycin-induced skin eruptions with susceptibility alleles to SJS/TEN
Liping Yang, Beijing Hospital, Dongcheng, P R China
Title: Kidney cell assays for *in vitro* safety profiling of single stranded oligonucleotides
Marcel Gubler, F. Hoffmann-La Roche Ltd, Switzerland

Networking and Refreshment Break @ Foyer

Title: East Indian sandalwood oil (EISO) alleviates inflammatory and proliferative pathologies of psoriasis
Manju Sharma, Vancouver Prostate Centre, Canada
Title: Fall in leukocyte count for monitoring of immunosuppressive and anti-cancer drug therapy
Frieder Keller, University Hospital Ulm-University of Ulm, Germany
Title: Evaluation of the effects of experimental PCB toxication on oxidative and antioxidative status in central nervous systems tissues and the protective effect of curcumin
Halef Okan Dogan, Cumhuriyet University, Turkey

Session 3:
Pharmacology & Toxicology | Food Toxicology

Session Chair: Giovanni Pagano, Federico II Naples University, Italy
Session Co-chair: Qing Xia, National Center of Biomedical Analysis, China

Session Introduction

Title: Natural and synthetic cannabinoids: The good, the bad, and the tragic
Anna Radominska Pandya, University of Arkansas for Medical Sciences, USA
Title: Endothelin modulation of the cyclosporine/NSAIDs cardiovascular and renal interactions
Mahmoud M El Mas, Alexandria Univeristy, Egypt
Title: Effect of exposure area on nerve agent absorption through skin *in vitro*
Christopher Dalton, Defence Science and Technology Laboratory, UK
Title: Folic acid and vitamin B_{12} as possible panacea against nicotine induced pancreatic β-cell apoptosis and dysfunction
Sandip Mukherjee, Serampore College, India
Title: Guidance on the selection of cohorts for extended one-generation reproduction toxicity study (OECD 443)
Alan Poole, European Centre for Ecotoxicology & Toxicology of Chemicals, Belgium

Panel Discussions

Day 2 October 25, 2016

Olimpica 2

Keynote Forum

Introduction
Title: Modulation of cigarette smoke lung carcinogenesis: The experimental background
Silvio De Flora, University of Genoa, Italy
Title: Mitochondrial biogenesis protects animal cells from T-2 toxin
Yiqun Deng, South China Agricultural University, China
Title: Rare earth elements as novel environmental contaminants: Current knowledge and research priorities
Giovanni Pagano, Federico II Naples University, Italy
Title: Role of altered adult neurogenesis in manganese-induced Parkinsonian disorder
Wei Zheng, Purdue University, USA
Title: The nanotoxicological influence of nanoparticles on vascular function
May Azzawi, Manchester Metropolitan University, UK

Networking and Refreshment Break @ Foyer

Title: The miracle fruit: The next generation anti-diabetic drug in type 2 Diabetes Mellitus- A comprehensive study in animal model
Swamy KB, Mahsa University-Jalan Elmu Off Jalan University, Malaysia
Title: Preliminary results from a long-term repeat dose toxicity and toxico-kinetic study of ANF-Rho- A novel anti-neutropenic factor
Hemant Misra, Prolong Pharmaceuticals, USA

Sessions 1:

Environmental Toxicology | Risk Assessment | Metal Toxicity

Session Chair: Marcelo L Larramendy, National University of La Plata, Argentina

Session Co-Chair: May Azzawi, Manchester Metropolitan University, UK

Session Introduction

Title: Potentialities of synchrotron radiation (SR) fourier transform infrared microscopy (FTIRM) for environmental toxicology and pharmacology

Lisa Vaccari, Elettra Sincrotrone Trieste, Italy

Title: Effects of linuron on a rooted aquatic macrophyte in sediment-dosed test systems

Gertie H P Arts, Alterra Wageningen University and Research Centre, The Netherlands

Lunch Break @ Hotel Restaurants

Title: Nickel related *Staphylococcus aureus* infections in atopic dermatitis

Anna Magdalena Bogdali, Jagiellonian University Medical College in Krakow, Poland

Title: Coal-burning type of endemic fluorosis in China – From basic research to clinic prevention

Zhi-Zhong Guan, Guizhou Medical University, P. R. China

Title: Assessment of levels of heavy metals in fluted pumpkin (*Telfairia occidentalis*) leaves planted at varying distances away from mega refueling service stations in Nigeria

Uduak Luke, University of Uyo Teaching Hospital, Nigeria

Title: ^{137}Cs in soil and milk in the region of Zagreb, Croatia

Branko Petrinec, Institute for Medical Research and Occupational Health, Croatia

Title: Converging effects of a PCB mixture, bisphenol A and chlorpyrifos on the expression of genes regulating neural progenitor identity, interneuron development and gliogenesis in developing rat hippocampus

Walter Lichtensteiger, GREEN Tox, Switzerland

Workshop on Toxicology of Mixtures

Title: Co-treatment with PCBs potenciates Cd nephrotoxicity

Vesna Matovic, University of Belgrade, Serbia

Sessions 2:

Genetic Toxicology | Toxicology Testing | Forensic Toxicology

Session Chair: Stefano Bonassi, IRCCS San Raffaele Pisana, Italy

Session Co-Chair: Wei Zheng, Purdue University, USA

Session Introduction

Title: Mechanistic study of TEMPO-associated oxidative stress and genotoxicity

Nan Mei, National Center for Toxicological Research, USA

Title: Pharmacokinetic studies of protein drugs and assessment of their metabolism

Eric Ezan, Health Technology Program-CEA, France

Networking and Refreshment Break @ Foyer

Title: A 52-week safety study in *Cynomolgus macaque* for genetically modified rice expressing Cry1Ab/1Ac protein

Qing Xia, National Center of Biomedical Analysis, China

Title: Fifteen years' experience treating cells with inorganic arsenic, a molecule able to induce genetic/genomic instability and epigenetic changes even after its removal

Fabio Caradonna, University of Palermo, Italy

Title: mRNA and miRNA expression patterns associated to pathways linked to metal mixture health effects

Rojas E, Universidad Nacional Autonoma de Mexico, Mexico

Title: Computational prediction of interaction of lumefantrine with human topoisomerase II beta complexed to DNA

Carmen Lucia Bassi Branco, Federal University of Mato Grosso, Brazil

Forum:

Dialogue with the Experts

A forum aimed to answer common questions to prevent laboratory chaos

Moderated By

Stefano Bonassi, IRCCS San Raffaele Pisana, Italy

Marcelo L Larramendy, National University of La Plata, Argentina

Olimpica 3

Break Out Session

Plenary Session

Title: Modulation of drug metabolizing enzymes by dietary doses of sulforaphane; role in its anti-hypertensive and anti-oxidant effect in spontaneously hypertensive rats

Fawzy Elbarbry, Pacific University, USA

Title: Reactive oxygen species (ROS), oxidative stress and antioxidants: Enzyme mimetic selenium compounds as redox regulators

Govindasamy Mugesh, Indian Institute of Science, India

Title: Toxicology of polymeric biomaterials: A regulatory approach

Mohanan PV, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India

Lunch Break @ Hotel Restaurants

Sessions 1:

Pharmacological and Toxicological Methods | Systems Pharmacology | Toxicovigilance

Session Chair: Swamy KB, Mahsa University-Jalan Elmu Off Jalan University, Malaysia

Session Co-Chair: Fawzy Elbarbry, Pacific University, USA

Session Introduction

Title: Dark purple glutinous rice *Var. Luem Pua* tea prevents DSS-induced colitis in mice

J Sattayasai, Khon Kaen University, Thailand

Title: A new pegylated recombinant *E.coli* L-asparaginase preparation (MC0609): Comparative pharmacokinetic/pharmacodynamic characterisation in Beagle dog and influence of anti-PEG IgM antibodies on the pharmacokinetics in B6D2F1 mice

Poppenborg Sabine M, Medac GmbH, Germany

Title: CCR-2 neutralization augments murine fresh bone marrow cells activation by *S. aureus* via ROS production and cytokine response

Ajeya Nandi, University of Calcutta, India

Title: Changes in rat urinary heme metabolites predict the magnitude of the neurotoxic effects induced by a mixture of lead, arsenic and manganese

Vanda Maria Falcão Espada Lopes de Andrade, Universidade de Lisboa, Portugal

Title: X-ray fluorescence imaging in toxicology

Yulia Pushkar, Purdue University, USA

Title: Effect of soy bean on histomorphometric parameters of stomach and biochemical factors of blood serum in animal model

Simin Fazelipour, Islamic Azad University, Iran

Sessions 2:

Pharmacology | Current Advances

Session Chair: Lisa Vaccari, Elettra Sincrotrone Trieste, Italy

Session Co-Chair: Alan Poole, European Centre for Ecotoxicology & Toxicology of Chemicals, Belgium

Session Introduction

Title: From the lungs to the brain: The fantastic voyage of nanoparticles targeting beta-amyloid (Aβ)

Giulio Sancini, University of Milano, Italy

Title: BTEX is implicated in gasoline-induced oxidative stress in male albino Wistar rats

Friday E Uboh, University of Calabar, Nigeria

Networking and Refreshment Break @ Foyer

Title: Pre-activation of acetylcholine M3 receptor leads to cannabinoid type 1 receptors regulation: A new cross talk mechanism involving intracellular calcium mobilization in SH-SY5Y human neuroblastoma cells

Pietro Marini, University of Aberdeen, UK3

Title: Determination of some blood hydrocarbons contents, oxidative stress markers and haematological indices of rats orally exposed to bonny light crude oil

Saviour U Ufot, University of Calabar, Nigeria

Title: Nutraceuticals for hypertension care: A network based approach

Matteo Micucci, University of Bologna, Italy

Title: Effects of lornoxicam and intravenous ibuprofen on erythrocyte deformability liver and renal blood flow in rats

Ayşegül Küçük, Kütahya Dumlupınar University, Turkey

Title: The effect of proton pump inhibitors on bone mineral density in rats

Layla Ezzat Borham, Umm Al-Qura University, Saudi Arabia

Title: Beneficial effects of phloretin on oxidative and inflammatory reaction in rat model of cecal ligation and puncture induced sepsis

Omid Sabzevari, Tehran University of Medical Sciences, Iran

Title: Carbon monoxide modulates infection-induced proinflammatory cytokine milieu in human placenta

Nazeeh Hanna, Winthrop University Hospital, USA

Title: Flavonoid effects on antihypertensive pharmacological therapy: Modulation on lipid profile, inflammation and association of ACE (I/D) polymorphism in treatment response

Marina M de Jesus Romero-Prado, Centro Universitario de Ciencias de la Salud, Mexico

Poster presentations @ Cassia

Poster Session

ET01

Title: Evaluation of oxidative stress, cytotoxic and DNA damaging effects of terbuthylazine in human peripheral blood lymphocytes *in vitro*

Ana Lucić Vrdoljak, Institute for Medical Research and Occupational Health, Croatia

ET02

Title: Potential toxicity of alkaline earth silicate wools (AESW) for thermal insulation: Evaluation of cyto-genotoxic and inflammatory effects on human lung cells

Cinzia Lucia Ursini, Italian Workers' Compensation Authority, Monteporzio Catone, Italy

ET03

Title: Study of the genotoxic effects induced by two kinds of silica nanoparticles on human bronchial (BEAS-2B) epithelial cells

Delia Cavallo, Italian Worker's Compensation Authority, Monteporzio Catone, Italy

ET04

Title: Gene polymorphisms of selected biotransformation enzymes and lung cancer development with respect to chromium exposure

E Halasova, Comenius University in Bratislava, Slovakia

ET05

Title: Acute toxicity and the effects of copper sulphate ($CuSO_4.5H_2O$) on the behavior of the grey mullet (*Mugil cephalus*)

Elnaz Erfanifar, Offshore Fisheries Research Center Chabahar, Iran

ET06

Title: K^+ channel blocker-induced neurodegenerative model: Pharmaco-immunomodulation effect of an antioxidant drug

Fatima Laraba-Djebari, University of Science and Technology Houari Boumediene, Algeria

ET07

Title: Protective effect of diterpene manool on genotoxicity induced by doxorubicin in Swiss mice

Heloiza Diniz Nicolella, University of Franca, Brazil

ET08

Title: Pesticide toxicogenomics across scales: Gene expression profiling *in vitro* predicts mechanisms of thyroid toxicity and other exposure outcomes *in vivo*

Porreca Immacolata, Biogem Research Institute, Italy

ET09

Title: Repair of the mutagenic DNA lesion O6-CMG in human colon epithelial cells

J Döhring, University of Veterinary Medicine Hannover, Germany

ET10

Title: The effect of cilostazol on the pharmacokinetics of simvastatin in healthy Korean volunteers: *In vitro* time dependent inactivation of cilostazol and its active metabolite, OPC-13015

Jee Sun Min, Catholic University of Korea, Bucheon, Republic of Korea

ET11

Title: Evaluation of the *in vitro* inhibitory potentials of various dietary supplements against ten UDP-glucuronosyltransferase

Jiseon Kim, Catholic University of Korea, Bucheon, Republic of Korea

ET12

Title: Assessing potential drug-drug interactions of BST204 with anti-cancer drugs (5-fluorouracil, irinotecan, tamoxifen) using *in vivo* rat models

Jung Ho Kim, Catholic University of Korea, Bucheon, Republic of Korea

ET13

Title: Antioxidant properties of Algerian medicinal plant Matricaria pubescens on CCL_4-induced liver toxicity in rats

Kermandji Mohamed Azed, University of Constantine, Algeria

ET14

Title: Antioxydant activity and preventive possibility of Algerian medicinal plant Matricaria pubenscens on hepatic toxicity

Khelifi Touhami Fatima, University of Constantine, Algeria

ET15 **Title: The effects of glycyrrhetinic acid derivatives on picrotoxin-induced epileptiform activity**
M Ömer Bostanci, Hitit University, Turkey

ET16 **Title: *In vitro* assessment of genotoxic and clastogenic/aneugenic potential of *Crataegus oxyacantha L.* (Rosaceae) fruits extract**
Edson Luis Maistro, Sao Paulo State University, Brazil

Poster Session

ET17 **Title: Estimation of thyroid hormone, i.e. total T^4 in the toxicity study according to OECD guideline No. 422**
Małgorzata Przybyła, Institute of Industrial Organic Chemistry, Poland

ET18 **Title: The protective effect of Apocynin on Ochratoxin induced nephrotoxicity in rats**
Maria Valeria Puzio, University of Naples Federico II, Italy

ET19 **Title: General patterns and some peculiarities of organism's defensive and pathological responses to impacts of different metallic and metal oxides nanoparticles: A synopsis of results obtained in animal experiments**
Marina P Sutunkova, The Ekaterinburg Medical Research Center for Prophylaxis and Health Protection in Industrial Workers of the Rospotrebnadzor, Russia

ET20 **Title: Effects of tembotrione herbicide on cytotoxic, genotoxic and biochemical markers in HepG2 cell line**
Mirta Milić, Institute for Medical Research and Occupational Health, Croatia

ET21 **Title: Effects of titanium nanoparticles on some blood parameters in female Wistar rats**
Mustafa Canli, University of Cukurova, Turkey

ET22 **Title: Cytotoxicity of nanoparticles from extracts of *Tetradenia riparia*: A preliminary evaluation**
Nisha Singh, University of KwaZulu-Natal, South Africa

ET23 **Title: The involvement of $Na^+K^+2Cl^-$ co-transporter in the development of renal chronic failure**
Sara Damiano, University of Naples Federico II, Italy

ET24 **Title: Toxicokinetics and bio-distribution of PEGylated nanographene in mice**
Syama S, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India

ET25 **Title: Skin on a chip based alternatives to animal testing for categorizing irritant chemicals and non-irritant chemicals**
Tae Hyun Choi, Seoul National University, South Korea

ET26 **Title: Methylglyoxal-induced apoptosis is dependent on the generation of reactive oxygen species through the down-regulation of c-FLIPL expression in HUVECs**
Tae Jin Lee, Yeungnam University, Korea

ET27 **Title: Gene polymorphisms of the phase II detoxification enzymes and genotoxicity in shoe manufacturing personnel**
Tatiana Matakova, Comenius University in Bratislava, Slovak

ET28 **Title: Contribution of cholinergic and dopaminergic disarrays to motor activity changes induced by exposure to a mixture of metals**
Vanda Maria Falcão Espada Lopes de Andrade, Universidade de Lisboa, Portugal

ET29 **Title: Enantiospecific effects of sibutramine enantiomers on cytochrome P450 inhibition *in vitro***
Yu Fen Zheng, Catholic University of Korea, Bucheon, Republic of Korea

ET30 **Title: Neonatal chlorpyrifos exposure induces loss of dopaminergic neurons in young adult rats**
Yuan-ying Deng, Third Xiangya Hospital of Central South University, P R China

ET31 **Title: Histometric and histochemical study on thymus and lymph nodes in mice after using ritalin**
Zahra Tootian, University of Tehran, Iran

ET32 **Title: Are paraoxonase activities a marker of changes in the liver of healthy women caused by the use of oral contraceptives?**
Halina Milnerowicz, Wrocław Medical University, Poland

ET33 **Title: Changes in lipid profile and paraoxonase activities in the blood of non-smokers and smokers aged ≥35 years in first trimester of pregnant women**
Halina Milnerowicz, Wrocław Medical University, Poland

ET34 **Title: *In vitro* study of the effect of organophosphorus pesticide malathion in antioxidant enzymes activity in human erythrocytes from inhabitants of Northern of Sinaloa State, in Mexico**

Xiomara Patricia Perea-Domínguez, National Polytechnic Institute, Mexico

ET35 **Title: Are gene polymorphisms and AMH level good predictors of poor ovarian response in Egyptian women undergoing ICSI cycles?**

Tarek M K Motawi, Cairo University, Egypt

ET36 **Title: The *in vivo* effects of adenine-induced chronic kidney disease on some renal and hepatic function and CYP450 metabolizing enzymes**

Mohammed Al Za'abi, Sultan Qaboos University, Oman

Day 3 October 26, 2016

Olimpica 2

Keynote Forum

Introduction

Title: Developmental lead exposure of children in China
Jingyuan Chen, Fourth Military Medical University, China

Title: Recent advances in the determination of elemental impurities in pharmaceuticals and drugs: Status, challenges and moving frontiers
V Balaram, National Geophysical Research Institute-CSIR, India

Sessions 1:

Clinical Toxicology | Reproductive Toxicology

Session Chair: Eva Cecilie Bonefeld-Jørgensen, Aarhus University, Denmark
Session Co-Chair: Jikai Wen, South China Agricultural University, China

Session Introduction

Title: COX2 inhibition decreases ischemic damage to rat retina–function or structure
Yoram Oron, Tel Aviv University, Israel

Title: Activation of the estrogen receptor by human serum extracts containing mixtures of perfluorinated alkyl acids from pregnant women's serum
Christian Bjerregaard-Olesen, Aarhus University, Denmark

Title: Tamoxifen and its derivatives bind to and act at cannabinoid receptors CB1 and CB2 with high affinity
Anna Radominska Pandya, University of Arkansas for Medical Sciences, USA

Networking and Refreshment Break @ Foyer

Title: Beta-blockers and sperm function
Banihani S A, Jordan University of Science and Technology, Jordan

Title: Individualised clinical toxicology: Physiological intermolecular modulation spectroscopy (PIMS), a technology to forsee drugs efficacy prior to administration
Pierre Eftekhari, Inoviem Scientific, France

Title: The utility of the minipig as an animal model in regulatory toxicology
Gerd Bode, University of Gottingen, Germany

Title: Dioxin-like POPs: Induced aryl hydrocarbon receptor transactivity in the Danish pregnant women
Manhai Long, Aarhus University, Denmark

Title: Genotypic and phenotypic patterns of antimicrobial susceptibility of *Helicobacter pylori* strains among Egyptian patients
Marwa Saad Fathi, Ain Shams University, Egypt

Title: Neuropharmacological and cochleotoxic effects of styrene can worsen the noise impact
Pierre Campo, Institut National de Recherche et de Sécurité, France

Lunch Break @ Hotel Restaurants

Young Researchers Forum

Title: Proposed criteria for the evaluation of the scientific quality of mandatory rat and mouse feeding trials with whole food/feed derived from genetically modified plants
Kerstin Schmidt, BioMath GmbH, Germany

Title: The effect of the first- and second-generation of antipsychotic drugs on SH-SY5Y brain cells and their toxicity
Israa J Hakeem, University of Birmingham, UK

Title: Concomitant exposure of bacoside A and bromelain relieves dichlorvos toxicity in mice serum

Sonam Agarwal, Banasthali University, India

Title: Determination of chromium by ETAAS in hair and urine of tannery workers: The interest of alternative biological matrices

Mohammed Riffi, CHU Bab el Oued, Algéria

Title: Flexibility for automated cell based assays

Lena Schober, Fraunhofer Institute for Manufacturing Engineering and Automation IPA, Germany

Title: Acute toxicity test of dichromate potassium ($K_2Cr_2O_7$) in grey mullet (*Mugil cephalus*)

Abdolreza Jahanbakhshi, Gorgan University of Agricultural Sciences and Natural Resource, Iran

Title: Biological effects of nanoparticles on fish

Zeinab H Arabeyyat, University of Hull, UK

Title: Anti-inflammatory effect and toxicology analysis of oral delivery quercetin nanosized emulsion in rats

Gabriela Hädrich, Universidade Federal do Rio Grande, Brazil

Video Presentation

Title: Molecular nanoprobes and nanosensors: A new generation of biosensing nanoplatforms for toxicological and biomedical monitoring

Tuan Vo Dinh, Duke University, USA

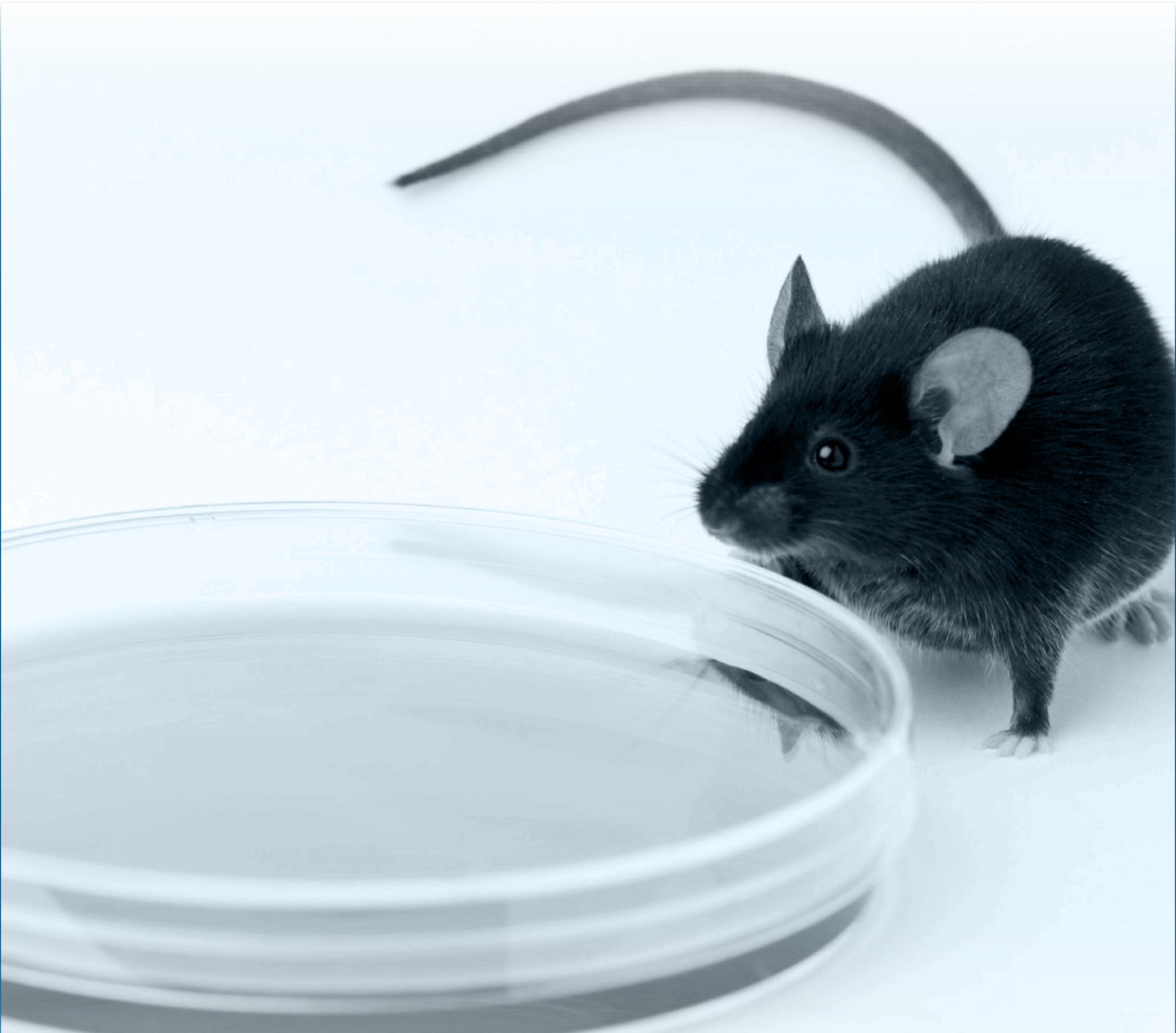
Networking and Refreshment Break @ Foyer

Scientific Program

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Scientific Program

Day 1 **August 24, 2015**

Registrations

Independence-B

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Opening Ceremony

Keynote Forum

Introduction

Diana Anderson
University of Bradford, UK

P Sampath Kumar
Sri Ramachandra Medical College & Research Institute, India

Workshop on Genotoxicity

Organized By Marcelo L Larramendy

Title: Genotoxicity: Basic aspects and most commonly worldwide employed and validated *in vitro* assays
Leon F Stankowski, Genetic Toxicology Association, USA
Title: Genotoxicity: Basic aspects and most commonly worldwide employed and validated *in vivo* assays
Rohan Kulkarni, BioReliance, USA

Networking & Refreshments Break @ Foyer

Title: Genotoxicity in non-traditional animal models
Marcelo L Larramendy, National University of La Plata, Argentina
Title: Genetic toxicity screening assays
Kamala Pant, BioReliance, USA
Title: Genotoxicity and Industry: Utilizing genetic toxicity assays to support pharmaceutical development
Daniel J Roberts, Bristol-Myers Squibb, USA

Panel Discussion

Track 1: Organ System Toxicity

Session Chair: P Sampath Kumar, Sri Ramachandra Medical College & Research Institute, India
Session Co-Chair: Michael B Morgan, Berry College, USA

Session Introduction

Title: The link between oral contraceptive use and prevalence in autism spectrum disorder
Kim Strifert, University of Alabama at Birmingham, USA
Title: Laboratory induced estradiol exposure stimulates transcriptional responses in the sea anemone *Exaiptasia pallida*
Michael B Morgan, Berry College, USA
Title: Identification of CYP3A7 for glyburide metabolism in human fetal livers
Qingcheng Mao, University of Washington, USA

Lunch Break @ Benzamine

Title: *Schmidtea mediterranea:* A new animal model for neurodevelopmental toxicology studies?
Mary M Staehle, Rowan University, USA
Title: A case of combined drug intoxication
P Sampath Kumar, Sri Ramachandra Medical College & Research Institute, India
Title: Experimental study of long-term effects of different drugs on female reproduction system and posterity: Pharmacological way to reduce
T G Borovskaya, Tomsk Cancer Research Institute, Russian Federation
Title: Mercury toxicity in fish eyes disclosed by oxidative stress and acetyl cholinesterase profiles: Insights to neurosensory toxicology
Patrícia Pereira, Aveiro University, Portugal
Title: Selenium effect on infertility induced by formaldehyde using male albino mice
Suhera M Aburawi, University of Tripoli, Libya
Title: Renal and hepato-protective effect of Irvingia gabonensis juice on sodium fluoride-induced toxicity in wistar rats
Emejulu A A, Federal University of Technology Owerri, Nigeria

Panel Discussion

Networking & Refreshments Break @ Foyer

Track 2: Applied Toxicology

Session Chair: Qing Huang, Chinese Academy of Sciences, China
Session Co-Chair: Kristen K Comfort, University of Dayton, USA

Session Introduction

Title: Multi-walled carbon nanotube-induced lung inflammation and fibrosis
Jie Dong, National Institute for Occupational Safety and Health, USA
Title: The need for nanomaterial evaluation in a physiologically relevant model: Connecting environmental variables and NM behavior to toxicological responses
Kristen K Comfort, University of Dayton, USA
Title: Physicochemical transformations of ZnO nanoparticles under aging process in aquatic environment and the toxicity to green algae
Qing Huang, Chinese Academy of Sciences, P.R. China
Title: Comparative protective potentials of vitamins C and E against nitrocellulose thinner-induced atherogenicity in male and female albino Wistar rats
Friday EUboh, University of Calabar, Nigeria
Title: Serum and liver tissue hydrocarbons contents of male rats orally exposed to bonny light crude oil
Saviour U Ufot, University of Calabar, Nigeria
Title: Pesticide residues in aquatic organisms: Fish and Frog
K S Tilak, Acharya Nagarjuna University, India

Panel Discussion

Day 2 August 25, 2015

Independence-B

Workshop

Title: Natural antimutagens
Marcela Rizzotto, Rosario National University, Argentina

Track 3: Genetic Toxicology

Session Chair: Marcelo L Larramendy, National University of La Plata, Argentina
Session Co-Chair: Rutao Liu, Shandong University, China

Session Introduction

Title: Determining genetic susceptibility to food carcinogens using *Saccharomyces cerevisiae* (Budding Yeast)
Michael Fasullo, State University of New York Polytechnic Institute, USA
Title: Does antileishmanial glucantime® cause DNA damage by oxidative stress?
Silma Regina Ferreira Pereira, Federal University of Maranhão, Brazil
Title: Toxicogenomic profiles in neurons of male mice following early low exposure to the six indicator non-dioxin-like polychlorinated biphenyls
Arpine Ardzivian Elnar, Universite de Lorraine, France
Title: Chemopreventive action of L-ascorbic acid and green tea infusions on the acute toxicity and mutagenicity of reaction mixtures nitrite-sulfonamide
Marcela Rizzotto, Rosario National University, Argentina

Networking & Refreshments Break @ Foyer

Title: Use of exfoliated buccal and nasal cells for the detection of acute and genotoxic effects caused by occupational and life-style exposures
G Wultsch, Medical University of Vienna, Austria
Title: Mechanisms and modes of lead action on SOD inactivation in zebrafish livers
Rutao Liu, Shandong University, China
Title: Amelioration of sub-chronic acephate induced immunotoxic effects by Achyranthes aspera and Phyllanthus niruri in white leghorn cockerels
Syamantak Mani Tripathi, Chhattisgarh Kamdhenu Vishwavidyalya, India
Title: Studies on some biochemical and genotoxic changes of organophosphorus pesticides in agricultural sprayers of Krishna district, A.P., India
K S Tilak, Acharya Nagarjuna University, India

Lunch Break @ Benzamine

Track 4: Toxicity Testing Market & Business Opportunities
Track 5: Environmental Toxicology
Track 6: Regulatory Toxicology

Session Chair: Diana Anderson, University of Bradford, UK
Session Co-Chair: Alenka Franko, University Medical Centre, Slovenia

Session Introduction

Title: The protective effect of the flavonoids on food-mutagen-induced DNA damage in peripheral blood lymphocytes from colon cancer patients
Diana Anderson, University of Bradford, UK
Title: Co-culture of immortalized keratinocytes and immune cells to investigate sulfur mustard toxicity and potential treatments
F Balszuweit, Bundeswehr Institute of Pharmacology and Toxicology, Germany

Title: Relevance of assays using mollusks and perspectives in environmental risk assessment
Lenita de Freitas Tallarico, State University of Campinas, Brazil
Title: The gene-environment interactions and asbestosis
Alenka Franko, University Medical Centre, Slovenia
Title: Autophagy alleviates the memory impairment caused by morphine through inflammation suppression in hippocampi of C57BL/6 mice
Ying Peng, Sun Yat-sen University, China
Title: Silibinin as a potential therapeutic for sulfur mustard injuries
F Balszuweit, Bundeswehr Institute of Pharmacology and Toxicology, Germany
Title: Environmental exposure to BDE47 is associated with the risk of diabetes: a community-based case-control study and an animal experiment
Shou-Lin Wang, Nanjing Medical University, P. R. China
Title: Monosodium glutamate-induced cerebellar toxicity: Possible role of nitric oxide in adult albino rats
Heba Youssef, Port Said University, Egypt
Title: Occurrence, removal and health risk assessment of phthalate esters: A case study of two different wastewater treatment processes in Lagos and Ogun State
Olujimi O O, Federal University of Agriculture, Nigeria

Panel Discussion

Networking & Refreshments Break @ Foyer

Poster Presentations @ Foyer

GST01	**Title: Determination of PAHs in smoked fishes (Caranx senegallus Cuvier and Scomber scombrus) sold in Benin metropolis** **Erhunmwunse Nosakhare Osazee,** University of Benin, Nigeria
GST02	**Title: Exposure of butchers in Nigeria to polycyclic aromatic hydrocarbons (PAHs) from burning tyres** **Francis Okonkwo,** Plateau State University, Nigeria
GST03	**Title: Comparative effect of Costus afer stem juice and ascorbic acid on kerosene induced haematotoxicity in female albino Wistar rats** **Chinelo Ozojie,** University of Calabar, Nigeria
GST04	**Title: Lambda-cyhalothrin-induced reproductive toxicity and histopathological alterations in male mice** **Ali S Al-Sarar,** King Saud University, Saudi Arabia
GST05	**Title: Haematological indices of male rats following oral exposure to a mixture of cypermethrin and dimethoate (uppercott insecticide)** **Ekwere M R,** University of Calabar, Nigeria

Panel Discussion

Day 3 August 26, 2015

Independence-B

Track 7: Applied Pharmacology
Track 8: Biotoxins
Track 9: Pharmacovigilance & Toxicologists Meeting

Session Chair: Shailesh P Banerjee, City University of New York, USA
Session Co-Chair: Marketa Bebarova, Masaryk University, Czech Republic

Session Introduction

Title: Modes of neuropharmacological actions of taurine and its potential therapeutic usage
Shailesh P Banerjee, City University of New York, USA
Title: Alcohol intoxication, arrhythmias and inward rectifiers
Marketa Bebarova, Masaryk University, Czech Republic
Title: Effects of bile acid sequestration on bile acid profile and bile acid signaling in mice
Peizhen Janet Song, QNS Consulting, USA
Title: Can cancer brain metastases be treated using humanized monoclonal antibodies? A pilot pharmacological study
Guilhem Bousquet, University Paris-Diderot, France

Networking & Refreshments Break @ Foyer

Young Researchers Forum

Title: The effects of biomass burningfrom Amazon region in human lung cells
Nilmara de Oliveira Alves, University of São Paulo, Brazil
Title: Epigenetic susceptibility of long interspersed nuclear elements-1 towards arsenic induced DNA damage: A predictive biomarker
Somnath Paul, CSIR-Indian Institute of Chemical Biology, India
Title: Recommendations to enhance reproducibility and reliability in comet assay
Baragamaarachchi R Y , University of Colombo, Sri Lanka
Title: Cytotoxicity of silver sulfide quantum dots evaluated by the MTT cell culture assay in Hela Cells
Deniz Özkan Vardar, Hitit University, Turkey
Title: Health status of sewage workers: A case study
Rajlaxmi Basu, Institute of Hematology and Transfusion Medicine, India

Title: *In vivo* imaging of ICAM-1 targeted nanoparticles in XPC and wild mice exposed to ambient air pollution in São Paulo, Brazil
Nilmara de Oliveira Alves, University of São Paulo, Brazil
Title: Bio-distribution and urinary excretion of Gold nanoparticles (GNPs) following systemic administration: A long term in-vivo study
Farhat Naz, All India Institute of Medical Sciences (AIIMS), India
Title: Cytotoxic and genotoxic potential of Walidda antidysenterica on human lymphocytes- A herb used in Sri Lankan traditional medicine
Baragamaarachchi R Y , University of Colombo, Sri Lanka

Panel Discussion

Lunch Break @ Benzamine

Award & Closing Ceremony

Scientific Program

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Registrations

Versailles - B

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Opening Ceremony

Keynote Forum

Introduction

Gerhard Eisenbrand
University of Kaiserslautern, Germany

Pavel Vodicka
Institute of Experimental Medicine, Academy of Sciences, Czech Republic

Anne Marie Vinggaard
Technical University of Denmark, Denmark

Keynote Symposium

Title: Pluripotent stem cell models-Application in toxicology and beyond
Carter Cliff, Cellular Dynamics International, USA

Group Photo

Coffee Break @ Versailles Foyer

Track 1: Clinical and Forensic Toxicology
Track 2: Systems Toxicology
Track 3: Mechanistic and Predictive Toxicology

Session Chair: Anne Marie Vinggaard, Technical University of Denmark, Denmark
Session Co-Chair: Arunabha Ray, University of Delhi, India

Session Introduction

Title: Decreased nuclear receptor activity mediates down-regulation of drug metabolizing enzymes in chronic kidney disease through epigenetic modulation
Bradley L Urquhart, Western University, Canada
Title: Underlying mechanisms indicative of autoimmunity in silica-exposed workers
Mary L S Queiroz, State University of Campinas, Brasil
Title: Updated and easier confirmation of drowning by detection of diatoms in trachea
Neelam Shrivastava, Medico Legal Institute, India
Title: Clinical and experimental studies on theophylline toxicity: In search for an antidote
Arunabha Ray, University of Delhi, India
Title: Influence of melatonin on arsenic mediated pancreatic damage in Swiss albino mice
Dimple Damore, Bhavan's Sheth R.A. College of Science, India
Title: Recent innovations in toxicology of nanomedicines with emphasis on RISUGadv
R K Singh, CSIR- Central Drug Research Institute, India

Panel Discussion

Lunch Break @ Monaco Grand Ballroom

Track 4: Pediatric Toxicology
Track 5: Toxicology and Applied Pharmacology

Session Chair: Hemant Misra, Prolong Pharmaceuticals, USA
Session Co-Chair: Sharda Shah Peshin, All India Institute of Medical Sciences, India

Session Introduction

Title: Designing clinical interference studies to address colorimetric assays
Hemant Misra, Prolong Pharmaceuticals, USA
Title: Echocardiography: A non invasive method for investigating preclinical drug toxicity and safety
Gilles Hanton, GH Toxconsulting, Belgium

Title: Electrochemistry meets enzymes: Investigation of the biotransformation pathway of C-1311 based on electrochemical simulation in comparison to *in vitro* methods
Agnieszka Potęga, Gdańsk University of Technology, Poland

Title: Veterinary pharmacovigilance survey conducted in Tamil Nadu state, India: A status report
Sarathchandra Ghadevaru, Tamil Nadu Veterinary and Animal Sciences University, India
Title: Small change, big difference: The discovery of drug candidate for anti-*Schistosomiasis japonicum*
De-Qun Sun, Shandong University, P.R. China
Title: Alpha-lipoic acid produces bone-protective effects via modulating Nox4/ROS/NF-κB and Wnt/Lrp5/β-catenin signaling pathways in H_2O_2-treated MC3T3-E1 cells and ovariectomy rats
Huijun Sun, Dalian Medical University, China

Coffee Break @ Versailles Foyer

Title: *In vivo* and *in vitro* metabolism of aspirin eugenol ester in dog by liquid chromatography tandem mass spectrometry
Jianyong Li, CAAS, P.R. China
Title: Cochlear cell death induced via cisplatin or gentamycin in combination with furosemide in rodents
Li Xia, Shanghai 6th People's Hospital, China
Title: Studies on anti-diabetic properties and determination of harmful constituent in some anti-diabetic herbal preparations available in Bangladesh
Begum Rokeya, BIRDEM, Bangladesh
Title: Toxicology studies and results for determining safety of a novel therapeutic dual carbon monoxide and oxygen delivery agent
Hemant Misra, Prolong Pharmaceuticals, USA
Title: Effect of combined administration of vitamins C and E on some renal functions indices of rats exposed to nitrocellulose thinner
Friday E Uboh, University of Calabar, Nigeria
Title: Toxicological study of new molecules in treating raw water to make it potable
Isaac Julius Asiedu-Gyekye, University of Ghana, Ghana
Title: Improvement of QT analysis for evaluating the proarrhythmic risk of drug: The importance of spatial and temporal dispersion of repolarisation
Gilles Hanton, GH Toxconsulting, Belgium
Title: Poisoning in children: A poisoning helpline experience
Sharda Shah Peshin, All India Institute of Medical Sciences, India
Title: The paradox of human equivalent dose formula: A canonical case study of piroxicam (feldene) in monogastric animals
Saganuwan Alhaji Saganuwan, University of Agriculture, Nigeria

Panel Discussion

Cocktails Sponsored by Journal of Clinical Toxicology @ **Athens**

Day 2 October 21, 2014

Versailles - B

Keynote Symposium

Session Introduction

Title: The Somatic Mutation and Recombination Test (SMART) in Drosophila melanogaster
Heres-Pulido M E, Universidad Nacional Autónoma de México, Mexico

Symposium on "Stress response in living organisms exposed to pollutants"

Title: How plants cope with abiotic stress
Cinzia Forni, University of Rome Tor Vergata, Italy
Title: Stress response in living organism and laboratory animals to pollutants
Hemant Misra, Prolong Pharmaceuticals, USA
Title: Environmental pollution, stress molecules and wildlife health
S S Hundal, Punjab Agricultural University, India

Coffee Break @ Versailles Foyer

Track 6: Application of Stem Cells in Toxicology
Track 7: Genetic Toxicology

Session Chair: Pavel Vodicka, Institute of Experimental Medicine, Academy of Sciences, Czech Republic
Session Co-Chair: Soon-Ha Kim, LG Life Sciences, Ltd., Korea

Session Introduction

Title: Mechanism of non-DNA targeted mutagenesis: The role of intra cellular nucleotide pool
Siamak Haghdoost, Stockholm University, Sweden
Title: Necrotic inflammation: A novel class of necrosis inhibitor NecroX-7 with therapeutic potential for necrosis-related diseases against ischemic reperfusion injury
Soon-Ha Kim, LG Life Sciences, Ltd., Korea
Title: Use of exfoliated buccal and nasal cells for the detection of acute and genotoxic effects caused by occupational and life-style exposures
Georg Wultsch, Medical University of Vienna, Austria
Title: Genotoxicity evaluation of zaeralenone with the wing spot test in Drosophila melanogaster
Heres-Pulido M E, Universidad Nacional Autónoma de México, Mexico
Title: Phenytoin induced toxic epidermal necrolysis
Osama M Al-Quteimat, King Abdullah Medical City, Saudi Arabia

Panel Discussion

Track 8: Risk Assessment of Chemicals in Food
Track 9: Environmental and Occupational Health
Track 10: Industrial and Metallic Toxicology

Session Chair: Cinzia Forni, University of Rome Tor Vergata, Italy
Session Co-Chair: S S Hundal, Punjab Agricultural University, India

Session Introduction

Title: Pollutants toxicity towards aquatic macrophytes
Cinzia Forni, University of Rome Tor Vergata, Italy
Title: Effect of the pendimethalin on rat uterine weight and gene expression of mRNAs encoding for different estrogen-regulated genes on rat uterus
U Undeger Bucurgat, Hacettepe University, Turkey

Poster Presentations @ Versailles Foyer

Lunch Break @ Monaco Grand Ballroom

Title: A new challenge: Assessment of metal prothesis intoxication
Frederic J Deschamps, University Hospital of Reims, France
Title: Inhibition of terrestrial snails' glutamate decaboxylase (GAD) by abamectin and emamectin benzoate
Elsayed A M Abdallah, Alexandria University, Egypt
Title: Immunotoxicity of acephate in white leghorn chickens: Effects on lymphocytes and the immune responses in a sub-chronic exposure study
Syamantak Mani Tripathi, Chhattisgarh Kamdhenu Vishwavidyalya, India

Coffee Break @ Versailles Foyer

Title: Environmental contaminants and reproductive abnormalities–A perspective
S S Hundal, Punjab Agricultural University, India
Title: Surveillance of chloramphenicol residues in milk, eggs and chicken meat by LCMSMS
Sarathchandra Ghadevaru, Tamil Nadu Veterinary and Animal Sciences University, India
Title: GC-MS Analysis of leaf powder of Psychotria microphylla and its acute toxicity on Clarias giriepinus juveniles
Ibiam U A, Ebonyi State University, Nigeria
Title: Haematological indicators of exposure to petroleum products in petroleum refining and distribution industry workers in Nigeria
Tobias I Ndubuisi Ezejiofor, Federal University of Technology, Nigeria
Title: Occupational exposure to lead and risk of high frequencies hearing loss in adults
Masoumeh Ghiasvand, Iran University of Medical Sciences, Iran

Panel Discussion

Young Researchers Forum

Title: Comparison of the cytotoxic effects of silver sulfide quantum dot coated with 2-mercaptopropionic acid and meso-2,3-dimercaptosuccinic acid in V79 cells
Deniz Ozkan Vardar, Hitit University, Turkey
Title: Assessment of the litter size, birth weight and serum sex hormonal profile of rats orally exposed to crude oil
Saviour Ufot, University of Calabar, Nigeria
Title: Comparative air quality of petroleum depots and refueling stations atmospheric environments in Nigeria
Uduak O Luke, University of Calabar, Nigeria
Title: Genotoxic effects of exposure to sewage water in conservancy workers as assessed by comet test
Rajlaxmi Basu, Institute of Hematology and Transfusion Medicine, India
Title: Studies on the effects of dietary exposure of Moringa oleifera Lam. leaves on insulin metabolism in rabbits
Chinwe Christy Isitua, Universidad Tecnica de Machala, Ecuador

Cocktails Sponsored by Journal of Drug Metabolism & Toxicology @ **Athens**

Day 3 October 22, 2014

Versailles - B

Track 11: Emerging *In-vitro* Models for the Toxicity Studies
Track 12: Developmental and Reproductive Toxicology
Track 13: Computational Toxicology

Session Chair: Pierre Eftekhari, Inoviem Scientific, France
Session Co-Chair: Alessandra Mezzelani, National Research Council, Italy

Session Introduction

Title: Cytokine storm potential of siRNA in human PBMCs and DCs
Travis Harrison, SRI International, USA
Title: New methodology for phenotyping P450 polymorphisms and susceptibility to environmental toxicants using humanized budding yeast
Michael Fasullo, State University of New York, USA
Title: Nematic protein organization technology: A powerful tool to track drugs toxicity and side effects already at early preclinical development
Pierre Eftekhari, Inoviem Scientific, France

Title: Sex-specific neurotoxicity as possible cause of regressive autism
Alessandra Mezzelani, National Research Council, Italy

Title: Reproductive toxicity of cyto-static drugs and pharmacological ways to reduce it
T G Borovskaya, The Goldberg Research Institute of Pharmacology, Russia

Coffee Break @ Versailles Foyer

Title: The protective effect of astaxanthin on fetal alcohol spectrum disorder in mice
Ying Peng, Sun Yat-Sen University, China
Title: The effects of veterinary growth stimulants from cattle feedlots in South Africa on reproductive and thyroid parameters in a rat model
Christiaan de Jager, University of Pretoria, South Africa
Title: c-Jun N-terminal kinase is upregulated in the hypospadiac penis of fetal rats induced by maternal exposure to di-(2-ethylhexyl) phthalate
Ming Yong Li, University of South China, China
Title: Easy and accurate conformation of early pregnancy during autopsy
Neelam Shrivastava, Medico Legal Institute, India
Title: *In vitro* biocompatibility assessment of dental composite usingconfocal time lapse imaging
Nina Attik, Lyon University, France

Panel Discussion

Track 14: Nanomaterials
Track 15: Particle and Fibre Toxicology
Track 16: Venomous Animals and Toxins
Track 17: Countersteps towards Toxicity

Session Chair: Lúcia Helena Faccioli, University of São Paulo, Brazil
Session Co-Chair: Amita Srivastava, All India Institute of Medical Sciences, India

Session Introduction

Title: *Tityus serrulatus* venom induces inflammation by mechanism dependent on lipid mediator release and lipid bodies' formation
Lúcia Helena Faccioli, University of São Paulo, Brazil
Title: Nanoparticle exposure assessment, dose metric and controls
Candace Su-Jung Tsai, Purdue University School of Health Science, USA

Lunch Break @ Athens

Title: Protective effect of vitamins A and E against diesel fuel-induced hepatotoxicity in rats
Friday E Uboh, University of Calabar, Nigeria
Title: Snake bite poisoning: A twelve years retrospective analysis of telephone calls reported to the National Poisons Information Centre, All India Institute of Medical Sciences
Amita Srivastava, All India Institute of Medical Sciences, India
Title: Assessment of ZnO and SiO_2 nanoparticle permeability through blood–brain barrier and their toxicity using Evans blue and TEM
Seong Soo A An, Gachon University, Republic of Korea
Title: Cell type- and size-dependent in vitro toxicity of silica particles in human skin cells
Claudia Moia, Cranfield University, UK
Title: Toxicity analysis of PbS nanoparticles using nano-sized vesicles (exosome) excreted from HEK293 cells
Eunjoo Kim, Daegu Gyeongbuk Institute of Science and Technology (DGIST), Republic of Korea

Panel Discussion

Coffee Break @ Versailles Foyer

Award Ceremony

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Day 1 October 07, 2013

Registrations

Bora Bora

Opening Ceremony

Keynote Forum

Introduction

Bruce A. Fowler
ICF International, USA

John Pierce Wise
University of Southern Maine, USA

Wei Zheng
Purdue University School of Health Sciences, USA

Coffee Break @ Event Center

Nikolas P. Lemos
University of California, USA

Rajat Sethi
California Health Sciences University, USA

Track 1: Emerging Concepts in Toxicology
Track 2: Forensic Toxicology
Track 7: *In-vitro* and *In-vivo* Toxicology

Session Chair: Bruce A. Fowler, ICF International, USA

Session Co-Chair: Nikólas P. Lemós, University of California, USA

Session Introduction

Title: Application of Omics biomarkers for assessing cellular toxicity: Integration of *In vivo* and *In vitro* data
Bruce A. Fowler, ICF International, USA

Title: Cannabis in forensic toxicology: Poison or panacea?
Nikólas P. Lemós, University of California, USA

Title: Aldehyde Dehydrogenases as novel therapeutic targets for metabolic diseases and cancer stem cells
Vasilis Vasiliou, University of Colorado, USA

Title: Computer-aided search will help crime scene investigators to get quick answers for involved tires and cars
Friedrich Lux, Tire Global Information, Austria

Group Photo

Lunch Break 13:10-13:55 @ Event Center

Title: Exploiting toxicity networks as the basis for reliable prediction without animal testing
Erwin L. Roggen, 3Rs Management and Consultancy, Denmark

Title: Chromosome instability induced by hexavalent chromium is a result of impaired DNA repair and mitotic disruption
Sandra S. Wise, University of Southern Maine, USA

Title: Pubertal assays in toxicology: Focus on reproductive function
Juliana Elaine Perobelli, Universidade do Sagrado Coracao, Brazil

Title: *In vitro* molecular hematopoietic assays as substitute of *In vivo* tests in regulatory toxicity study of drugs
R. K. Singh, CSIR-CDRI, India

Title: Toxicity evaluation using mouse bone marrow mesenchymal stem cells: A predictive model for *in vitro* studies
P. V. Mohanan, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India

Title: Factors affecting reproducibility of proteasomal inhibition following PSI systemic administration to experimental animals
Salma Bukhatwa, Benghazi University, Libya

Coffee Break 15:55-16:10 @ Event Center

Title: Evaluation of the possible protective role of quercetin on letrozole-induced testicular injury in male albino rats
Manar E. Selim, King Saud University, Saudi Arabia

Title: Studies on the neurological effects of propionic acid alone and in combination with antioxidants/antibiotics in hamsters
N. J. Siddiqi, King Saud University, Saudi Arabia

Title: Ameliorative effect of quercetin and idebenone against oxidative stress, inflammation, DNA damage and apoptosis induced in rat livers after oral exposure to titanium dioxide nanoparticles
Laila M. Fadda, King Saud University, Saudi Arabia

Title: Effect of betaine supplementation on cisplatin-induced nephrotoxicity in experimental animals: Contribution of nuclear factor kappa and caspase-3
Hanan Hagar, King Saud University, Saudi Arabia

Title: Generation and use of genetically modified human cell lines: A promising approach for *in vitro* toxicology studies
Noritaka Adachi, Yokohama City University, Japan

Session to be continued on Day-2

Cocktails Sponsored by **Journal of Clinical Toxicology @ Event Center**

Day 2 October 08, 2013

Track 1: Emerging Concepts in Toxicology
Track 2: Forensic Toxicology
Track 7: *In-vitro* and *In-vivo* Toxicology

Session Chair: Bruce A. Fowler, ICF International, USA
Session Co-Chair: Nikólas P. Lemós, University of California, USA

Session Introduction

Title: Resveratrol prevents cypermethrin induced neurotoxicity in rat by increasing acetylcholine esterase activity
Rambir Singh, Bundelkhand University, India
Title: Dose dependent effect of deltamethrin on reproductive system impairment in Wistar rats
Poonam Sharma, Bundelkhand University, India
Title: Role of COX-2 gene in Idiopathic preterm birth with reference to organochlorine pesticides: A case control study
Neha Garg, University of Delhi, India

Track 3: Pharmaceutical Toxicology
Track 4: Regulatory Toxicology
Track 5: Analytical Toxicology

Session Chair: Gregory J. Feldman, Alliance Biomedical Group International, USA
Session Co-Chair: Deepa A. Rao, Pacific University, USA

Session Introduction

Title: Reactive airway dysfunction syndrome after inhalation of the acrylonitrile: Perspective of the pulmonologist
Gregory J. Feldman, Alliance Biomedical Group International, USA
Title: Mitigating Doxubicin induced cardiotoxicity using natural products
Deepa A. Rao, Pacific University, USA

Coffee Break @ Event Center

Title: Simulations of pharmacokinetics and pharmacodynamics in virtual populations to enhance understanding of toxicology in humans
Manoranjenni Chetty, Simcyp Limited, UK
Title: Toxicity of antiepileptic drugs; Toxic epidermal necrolysis in patient with phenytoin
Khalid Alquliti, Taibah University, Saudi Arabia
Title: Cochlear cell death induced via cisplatin or gentamycin in combination with furosemide in rodents
Li Xia, Shanghai Sixth People's Hospital, China
Title: Bilirubin enhances neuronal excitability by increasing glutamatergic transmission in the rat lateral superior olive
Chun-Yan Li, Affiliated Sixth People's Hospital of Shanghai Jiaotong University, China
Title: Haematotoxicological evaluation of denrimeric nanoformulation of doxorubicin
Pushpendra K. Tripathi, U.P. Technical University, India

Track 6: Medical and Clinical Toxicology
Track 8: Veterinary Toxicology

Session Chair: Rajat Sethi, California Health Sciences University, USA
Session Co-Chair: Feng Li, University of Kansas Medical Center, USA

Session Introduction

Title: Cardiac toxicity associated with chronic ozone inhalationmay be linked to caveolin mediated p38MAPK signaling
Rajat Sethi, California Health Sciences University, USA
Title: Metabolomics reveals the novel mechanism of drug toxicity
Feng Li, University of Kansas Medical Center, USA

Lunch Break @ Event Center

Title: Poisoning of moose (Alces alces) with natural toxins in Norway
Silvio Uhlig, Norwegian Veterinary Institute, Norway
Title: The use of minipig species in toxicology, added values and model limitations
Sofiene Mhedhbi, France
Title: The relationship between rhabdomyolysis and alcohol ingestion in elderly doxylamine intoxicated patients
Young Gwan Ko, Kyung Hee University, South Korea
Title: Neuropsychological toxicity in stress predicted through a primate model of dietary therapy with novel multimodal sensing systems and algorisms
Mamiko Koshiba, Saitama Medical University, Japan
Title: Developmental model of affective behavior concerning reduction-oxidation regulation in neonatal brain
Shun Nakamura, Tokyo University of Agriculture and Technology, Japan

Coffee Break @ Event Center

15:55-16:40 Poster Presentations @ Event Center

Track 9: Microbiology and Toxicology
Track 10: Entomotoxicology
Track 11: Occupational and Environmental Toxicology

Session Chair: Ajit K. Basak, Birkbeck College, UK
Session Co-Chair: Akhileshwari Nath, Mahavir Cancer Institute and Research Centre, India

Session Introduction

Title: Structural relationships between *Clostridium perfringens* Beta-Pore-forming toxins
Ajit K. Basak, Birkbeck College, UK
Title: The compatibility of Spindor dust with *Poecilia reticulata* for integrated mosquito larviciding
Joy Anogwih, University of Lagos, Nigeria
Title: Earthworm as bioindicator of soil pollution around Benghazi city, Libya
Maher Haeba, Benghazi University, Libya

Session to be continued on Day-3

Cocktails Sponsored by **Journal of Drug Metabolism & Toxicology @ Event Center**

Day 3 October 09, 2013

Track 9: Microbiology and Toxicology
Track 10: Entomotoxicology
Track 11: Occupational and Environmental Toxicology

Session Chair: Ajit K. Basak, Birkbeck College, UK
Session Co-Chair: Akhileshwari Nath, Mahavir Cancer Institute and Research Centre, India

Session Introduction

Title: The persisted organic pesticides pollutant (POPs) in the Middle East Arab Countries
M. Jamal Hajjar, King Faisal University, Saudi Arabia
Title: Detergent "Prinso" poisoning in Sri Lanka
Waruna Gunathilake, National Hospital of Srilanka, Srilanka
Title: Toxicological & psychiatric profile of patients attempting suicide by consuming organophosphorus compounds brought to a tertiary care center in capital city of India
M. S. Bhatia, University College of Medical Sciences & GTB Hospital, India
Title: Toxicity due to arsenic in Gangetic-zone of Patna, India and its linkage with cancer
Akhileshwari Nath, Mahavir Cancer Institute and Research Centre, India

Coffee Break @ Event Center

Title: Foundy fumes exposure and chronic obstructive pulmonary disease
Frederic Jacques Deschamps, University Hospital of Reims, France
Title: Withdrawal from exposure reverses hematotoxicity and hepatotoxicity caused by oral exposure to nitrocellulose thinner in male rats
Friday E. Uboh, University of Calabar, Nigeria
Title: Vanadium and antimony compositions in some fertilizers commonly-used in Saudi Arabia
Okla S. Al-Horayess, King AbdulAziz City for Science and Technology, Saudi Arabia
Title: Co-relation between pesticidal toxicity and carcinogenic risk in women
Priyanka, Mahavir Cancer Sansthan, India

Track 12: Metallic Toxicology
Track 13: Countermeasure for Toxins

Session Chair: R. K. Singh, CSIR-CDRI, India
Session Co-Chair: Pushpendra K. Tripathi, U.P. Technical University, India

Session Introduction

Title: Physiological and histopathological responses to sublethal concentrations of copper in the teleost fish, *Anabas testudineus* (Bloch -1972)
S. Bijoy Nandan, Cochin University of Science and Technology, India
Title: Specific treatments for serious viper envenomation: Is there a place for plasmapheresis?
Chani Mohamed, Military Training Hospital, Morocco

Lunch Break @ Event Center

Title: Necrostatin-1 counteracts neuronal cell loss induced by aluminum
Qinli Zhang, Shanxi Medical University, China
Title: Manganese induced haematological and histopathological changes in *Oreochromis mossambicus* (Peters, 1852)
S. Bijoy Nandan, Cochin University of Science and Technology, India
Title: A ten year retrospective study of alleged poisoning deaths in capital of India
Aggarwal NK, UCMS and GTB Hospital, India
Title: Tetrahydrocurcumin potentially attenuates arsenic induced oxidative hepatic dysfunction in rats
M.Muthumani, Annamalai University, India

Coffee Break @ Event Center

Award Ceremony