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

http://global@toxicologyconferences.com
## Program at a Glance

### Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
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</thead>
<tbody>
<tr>
<td>08.00-09.00</td>
<td>Inaugural Address</td>
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<tr>
<td>09.00-09.15</td>
<td>Least of 3 Keynote/Plenary Talks</td>
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<tr>
<td>09.15-09.45</td>
<td>Keynote/Plenary Talk 1</td>
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<td>09.45-10.15</td>
<td>Keynote/Plenary Talk 2</td>
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<tr>
<td>10.15-10.45</td>
<td>Keynote/Plenary Talk 3</td>
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#### Morning Sessions

- **Panel Discussions/Group Photo**
- **Coffee/Tea Break 10.45-11.00 (Networking)**
  - 11.00-12.40 5 Speakers (20 Mins Each)

#### 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)

### Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
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<tr>
<td>09.00-10.40</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>10.55-12.35</td>
<td>Coffee/Tea Break 10.40-10.55 (Networking)</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>13.25-15.05</td>
<td>Lunch Break 12.35-13.25</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>15.20-17.00</td>
<td>Coffee/Tea Break 15.05-15.20 (Networking)</td>
<td>5 Speakers (20 Mins Each)</td>
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#### Evening Sessions

- Poster Sessions
- **Coffee/Tea Break 15.30-15.45 (Networking)**

### Day 3

<table>
<thead>
<tr>
<th>Time</th>
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<td>Lunch Break 12.35-13.25</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
</tbody>
</table>

#### Evening Sessions

- **Coffee/Tea Break 15.30-15.45 (Networking)**

### Awards & Closing Ceremony

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

For more details: [http://globaltoxicology.conferenceseries.com/](http://globaltoxicology.conferenceseries.com/) | [global@toxicologyconferences.org](mailto:global@toxicologyconferences.org) | [global@toxicologyconferences.com](mailto:global@toxicologyconferences.com)
Glimpses of Global Toxicology
Glimpses of Global Toxicology
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 Islands Tenerife 22°C
Flag of Greece Crete 20°C
Flag of Spain Majorca 18°C
Flag of Mexico Cancun 27°C
Flag of Italy Rome 18°C
Flag of Portugal Algarve 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:

Global Toxicology 2018
Conference Series Ltd
Kemp House, 152 City Road, London EC1V 2NX
+1-702-508-5197, 8066

e-mail: global@toxicologyconferences.org, globaltoxicology@toxicologyconferences.org

http://globaltoxicology.conferenceseries.com/
June 22-24, 2017   Paris, France

9th Euro-Global Summit on
Toxicology and Applied Pharmacology

Scientific Program
Registrations

Hall Name - Sunset 2

Keynote Forum

Introduction
Title: Cannabinoid receptors and their ligands: Role in cancer proliferation
Anna Radominska-Pandya, University of Arkansas for Medical Sciences, USA
Title: Radiochemical genotoxicity risk and absorbed dose
Christopher Busby, Latvian Academy of Sciences, Latvia

Group Photo 11:00-11:10 @ Sunset 2

Exhibitor Hosted Session

Remy Hoffmann, SAI Life Sciences Limited, India

Sessions: Pharmacology | Food Toxicology | Reproductive & Developmental Toxicology
Session Chair: Anna Radominska-Pandya, University of Arkansas for Medical Sciences, USA
Session Co-chair: Diana A Stavreva, National Institutes of Health, USA

Session Introduction

Title: An engineered pH sensitive PCSK9 antibody to enhance pharmacokinetic and pharmacodynamic properties
Pamela Garzone, Pfizer Inc., USA
Title: Estrogenic isoflavones in modern soy-food and their consequences
Catherine Bennetau-Pelissero, University of Bordeaux, France

Lunch Break

Title: Glyphosate and its most popular product (Roundup) affect the secretion of myometrial contractions regulators from bovine ovary and uterus in vitro
Michał H Wróbel, Institute of Animal Reproduction and Food Research, Polish Academy of Sciences, Poland
Title: Protective effect of betaine on paraquat-induced oxidative stress and pulmonary injury in rats
Young C Kim, Seoul National University, South Korea

Session Discussion

Sessions: Genetic Toxicology | Nanotoxicology | Regulatory Toxicology
Session Chair: Christopher Busby, Latvian Academy of Sciences, Latvia
Session Co-chair: Catherine Bennetau-Pelissero, University of Bordeaux, France

Session Introduction

Title: Connecting the cytotoxic and genotoxic effects of multi-walled carbon nanotubes to their physicochemical properties
Henriqueta Louro, National Institute of Health Dr. Ricardo Jorge (INSA), Portugal

Networking & Refreshments

Title: Toxicological and toxicogenomic responses in male and female F344 rats following 28-days repeated dose sub-acute dietary exposure to 2-monochloro-1,3-propanediol (2-MCPD)
Jayadev Raju, Health Canada, Canada
Title: Comparative repeated toxicity study in rats: Enoxaparin biosimilar product versus reference product
Kobbi Zina, University of Monastir, Tunisia
Title: Biosynthesized silver nanoparticles: Decoding their mechanism of action in S. aureus and E. coli
Quinteros M A, National Scientific and Technical Research Council (CONICET), Argentina

Session Discussion
Day 2  June 23, 2017

Hall Name - Sunset 2

Keynote Forum

Introduction

Title: Cancer incidence in coal combustion waste landfill workers
James Dahlgren and Patrick Talbott, James Dahlgren Medical, USA

Networking & Refreshments

Sessions: Environmental Toxicology | Drug Toxicology | Occupational Toxicology

Session Chair: James Dahlgren, James Dahlgren Medical, USA
Session Co-chair: Patrick Talbott, James Dahlgren Medical, USA

Session Introduction

Title: Fluorescence-based cell assay for high-throughput detection of endocrine-disrupting chemicals (EDCs) in water sources: Principle and applications
Diana A Stavreva, National Institutes of Health, USA

Title: Influence of $^{137}$Cs on the wildlife in the Kopački Rit nature park, Croatia
Branko Petrinec, Institute for Medical Research and Occupational Health, Croatia

Title: A new radiation scale for the public: RAIN
Gyuseong Cho, KAIST, South Korea

Title: Allelopathy of Eucalyptus grandis
Danju Zhang, Sichuan Agricultural University, China

Special Session

Title: Strategy for the early drug discovery assays and toxicology screening
Vijay Jagdale, SAI Life Sciences Limited, India

Lunch Break

Title: Bisphenol A analogs and new brominated flame retardants: Do their metabolites have endocrine activity?
Lucija Peterlin Mašič, University of Ljubljana, Slovenia

Title: Protective effect of hydroalcoholic extract of Portulaca oleracea against cadmium induced nephrotoxicity
Javad Babaei, Tehran University of Medical Sciences, Iran

Title: Human stem cell-derived renal cells and in vitro platforms for nephrotoxicity prediction
Jacqueline Chuah, Institute of Bioengineering and Nanotechnology, Singapore

Session Discussion

Networking & Refreshments

Special Session

Title: Discovery preclinical screenings using animals with ethical considerations adhering to 3R concept
Vijay Jagdale, SAI Life Sciences Limited, India

Poster Presentations

Poster Judge: Pamela Garzone, Pfizer Inc., USA
Poster Judge: Branko Petrinec, Institute for Medical Research and Occupational Health, Croatia

ET01

Title: Aryl hydrocarbon receptor localization and expression after benzo[a]pyrene incubation on human placental models
Anaïs Wakx, INSERM, France

ET02

Title: Terbuthylazine toxicity through a 28-day study: Oxidative stress responses and primary DNA damage in the blood of adult male Wistar rats
Anja Mikolić, Institute for Medical Research and Occupational Health, Croatia
Title: In vitro and in vivo studies of the genotoxic potential of *Crataegus oxyacantha* fruits extract
Maistro E L, Sao Paulo State University, Brazil

Title: Risk assessment of nickel in cosmetic products
Chungsik Min, National Institute of Food and Drug Safety Evaluation, South Korea

Title: Can human biomonitoring studies contribute to improve public health decisions?
Maria João Silva, National Institute of Health Dr. Ricardo Jorge (INSA), Portugal

Title: Evaluating the cytotoxic potential of a panel of manufactured nanomaterials using the plating efficiency assay
Mariana Pinhão, National Institute of Health Dr. Ricardo Jorge, Portugal

Title: Major types of pesticides responsible for fatal self-harm in Sri Lanka
W D V Karunaratne, Government Analyst’s Department, Sri Lanka

Title: Arsenic (As) distribution in tissues from Swiss mice chronically exposed to rice containing As
Airton da Cunha Martins Jr., University of São Paulo, Brazil

Awards & Closing Ceremony
Day 3  June 24, 2017
Networking Lunch  @ N Café- Novotel

See You At

15th Euro-Global Summit on
Toxicology and Applied Pharmacology
July 02-04, 2018  Berlin, Germany

E: eurotoxicology@conferenceseries.net; eurotoxicology@toxicologyconferences.org
W: toxicology.global-summit.com/europe
conferenceseries.com

7th Euro-Global Summit on
Toxicology and Applied Pharmacology
October 24-26, 2016  Rome, Italy

Scientific Program
Day 1          October 24, 2016

Registrations

Olimpica 2

conferenceSeries.com

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

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 Legay, 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 Chair: Yiqun Deng, South China Agricultural University, China
Session Co-chair: Mahmoud M El Mas, Alexandria University, 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: 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 University, 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
### Day 2  October 25, 2016

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

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**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

**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

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**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

**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

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**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, UK

**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 Workers’ 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$_2$O) 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-Djebiari, 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 Franco, 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: Antioxidant activity and preventive possibility of Algerian medicinal plant Matricaria pubescens on hepatic toxicity
Khelifi Touhami Fatima, University of Constantine, Algeria
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Institution</th>
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<tbody>
<tr>
<td>The effects of glycyrrhetinic acid derivatives on picrotoxin-induced epileptiform activity</td>
<td>M Ömer Bostanci, Hitit University, Turkey</td>
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<td>In vitro assessment of genotoxic and clastogenic/aneugenic potential of Crataegus oxyacantha L. (Rosaceae) fruits extract</td>
<td>Edson Luis Maistro, Sao Paulo State University, Brazil</td>
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<td>Estimation of thyroid hormone, i.e. total T(^4) in the toxicity study according to OECD guideline No. 422</td>
<td>Małgorzata Przybyła, Institute of Industrial Organic Chemistry, Poland</td>
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<td>The protective effect of Apocynin on Ochratoxin induced nephrotoxicity in rats</td>
<td>Maria Valeria Puzio, University of Naples Federico II, Italy</td>
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<tr>
<td>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</td>
<td>Marina P Sutunkova, The Ekaterinburg Medical Research Center for Prophylaxis and Health Protection in Industrial Workers of the Rospotrebnadzor, Russia</td>
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<td>Effects of tembotrione herbicide on cytotoxic, genotoxic and biochemical markers in HepG2 cell line</td>
<td>Mirta Milić, Institute for Medical Research and Occupational Health, Croatia</td>
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<tr>
<td>Effects of titanium nanoparticles on some blood parameters in female Wistar rats</td>
<td>Mustafa Canli, University of Cukurova, Turkey</td>
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<td>Cytotoxicity of nanoparticles from extracts of Tetradenia riparia: A preliminary evaluation</td>
<td>Nisha Singh, University of KwaZulu-Natal, South Africa</td>
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<td>The involvement of Na(^{+})K(^{-})2Cl(^{-})-co-transporter in the development of renal chronic failure</td>
<td>Sara Damiano, University of Naples Federico II, Italy</td>
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<td>Toxicokinetics and bio-distribution of PEGylated nanographene in mice</td>
<td>Syama S, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India</td>
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<td>Skin on a chip based alternatives to animal testing for categorizing irritant chemicals and non-irritant chemicals</td>
<td>Tae Hyun Choi, Seoul National University, South Korea</td>
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<td>Methylglyoxal-induced apoptosis is dependent on the generation of reactive oxygen species through the down-regulation of c-FLIPL expression in HUVECs</td>
<td>Tae Jin Lee, Yeungnam University, Korea</td>
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<td>Methyglyoxal-induced apoptosis is dependent on the generation of reactive oxygen species through the down-regulation of c-FLIPL expression in HUVECs</td>
<td>Tatiana Matakova, Comenius University in Bratislava, Slovak</td>
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<td>Contribution of cholinergic and dopaminergic disarrays to motor activity changes induced by exposure to a mixture of metals</td>
<td>Vanda Maria Falcao Espada Lopes de Andrade, Universidade de Lisboa, Portugal</td>
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<td>Enantiospecific effects of sibutramine enantiomers on cytochrome P450 inhibition in vitro</td>
<td>Yu Fen Zheng, Catholic University of Korea, Bucheon, Republic of Korea</td>
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<td>Neonatal chlorpyrifos exposure induces loss of dopaminergic neurons in young adult rats</td>
<td>Yuan-ying Deng, Third Xiangya Hospital of Central South University, P R China</td>
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<td>Histometric and histochemical study on thymus and lymph nodes in mice after using ritalin</td>
<td>Zehra Tootian, University of Tehran, Iran</td>
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<td>Are paraoxonase activities a marker of changes in the liver of healthy women caused by the use of oral contraceptives?</td>
<td>Halina Milnerowicz, Wroclaw Medical University, Poland</td>
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<td>Changes in lipid profile and paraoxonase activities in the blood of non-smokers and smokers aged ≥35 years in first trimester of pregnant women</td>
<td>Halina Milnerowicz, Wroclaw Medical University, Poland</td>
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**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

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**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

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**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

**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

**Session Introduction**

**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 Eftekhar, 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

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**Networking and Refreshment Break @ Foyer**

**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

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**Lunch Break @ Hotel Restaurants**
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, Algérie

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 ($\text{K}_2\text{Cr}_2\text{O}_7$) in grey mullet ($\text{Mugil cephalus}$)
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