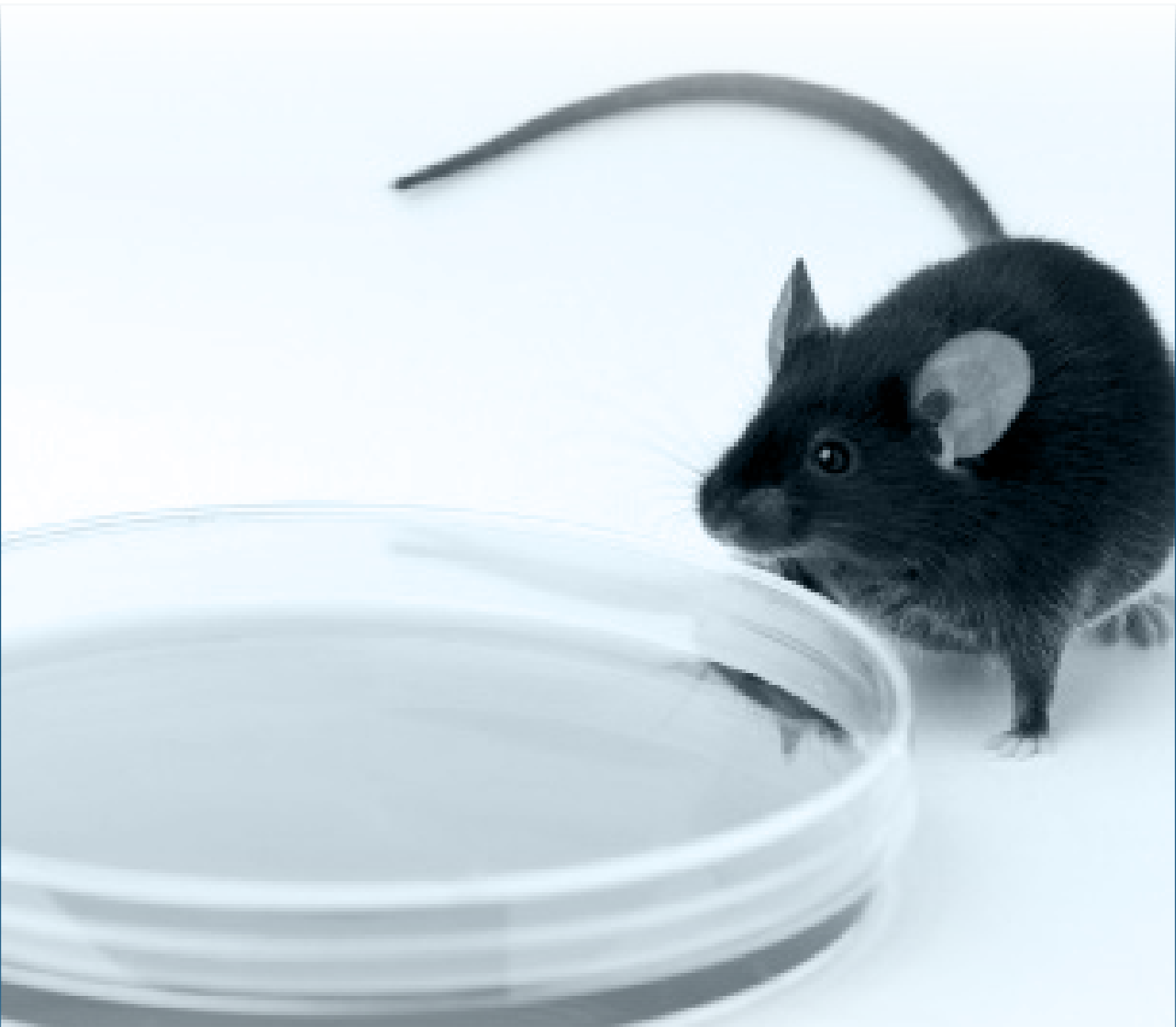


Scientific Program

4th Global Summit on

Toxicology

August 24-26, 2015 Philadelphia, USA



OMICS International Conferences:

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Scientific Program

Day 1 August 24, 2015

08:00-08:30 Registrations

Independence-B



08:30-08:55

Opening Ceremony

Keynote Forum

| | |
|-------------|---|
| 08:55-09:00 | Introduction |
| 09:00-09:30 | Diana Anderson University of Bradford, UK |
| 09:30-10:00 | P Sampath Kumar Sri Ramachandra Medical College & Research Institute, India |

Workshop on Genotoxicity

Organized By Marcelo L Larramendy

| | |
|-------------|--|
| 10:00-10:20 | Genotoxicity: Basic aspects and most commonly worldwide employed and validated <i>in vitro</i> assays Leon F Stankowski, Genetic Toxicology Association, USA |
| 10:20-10:40 | Genotoxicity: Basic aspects and most commonly worldwide employed and validated <i>in vivo</i> assays Rohan Kulkarni, BioReliance, USA |

Networking & Refreshments Break 10:40-11:00 @ Foyer

| | |
|-------------|--|
| 11:00-11:20 | Genotoxicity in non-traditional animal models Marcelo L Larramendy, National University of La Plata, Argentina |
| 11:20-11:40 | Genetic toxicity screening assays Kamala Pant, BioReliance, USA |
| 11:40-12:00 | 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

| | |
|-------------|--|
| 12:00-12:20 | The link between oral contraceptive use and prevalence in autism spectrum disorder Kim Strifert, University of Alabama at Birmingham, USA |
| 12:20-12:40 | Laboratory induced estradiol exposure stimulates transcriptional responses in the sea anemone <i>Exaiptasia pallida</i> Michael B Morgan, Berry College, USA |
| 12:40-13:00 | Identification of CYP3A7 for glyburide metabolism in human fetal livers Qingcheng Mao, University of Washington, USA |

Lunch Break 13:00-13:40 @ Benzamine

| | |
|-------------|---|
| 13:40-14:00 | <i>Schmidtea mediterranea</i>: A new animal model for neurodevelopmental toxicology studies? Mary M Staehle, Rowan University, USA |
| 14:00-14:20 | A case of combined drug intoxication P Sampath Kumar, Sri Ramachandra Medical College & Research Institute, India |
| 14:20-14:40 | 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 |
| 14:40-15:00 | Mercury toxicity in fish eyes disclosed by oxidative stress and acetyl cholinesterase profiles: Insights to neurosensory toxicology Patricia Pereira, Aveiro University, Portugal |
| 15:00-15:20 | Selenium effect on infertility induced by formaldehyde using male albino mice Suhera M Aburawi, University of Tripoli, Libya |
| 15:20-15:40 | Renal and hepato-protective effect of <i>Irvingia gabonensis</i> juice on sodium fluoride-induced toxicity in wistar rats Emejulu A A, Federal University of Technology Owerri, Nigeria |

Panel Discussion

Networking & Refreshments Break 15:40-16:00 @ 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

- 16:00-16:20 Multi-walled carbon nanotube-induced lung inflammation and fibrosis**
Jie Dong, National Institute for Occupational Safety and Health, USA
The need for nanomaterial evaluation in a physiologically relevant model: Connecting environmental variables and NM behavior to toxicological responses
- 16:20-16:40 Kristen K Comfort, University of Dayton, USA**
Physicochemical transformations of ZnO nanoparticles under aging process in aquatic environment and the toxicity to green algae
- 16:40-17:00 Qing Huang, Chinese Academy of Sciences, P.R. China**
Comparative protective potentials of vitamins C and E against nitrocellulose thinner-induced atherogenicity in male and female albino Wistar rats
- 17:00-17:20 Friday EUBoh, University of Calabar, Nigeria**
Serum and liver tissue hydrocarbons contents of male rats orally exposed to bonny light crude oil
- 17:20-17:40 Saviour U Ufot, University of Calabar, Nigeria**
- 17:40-18:00 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

- 09:00-09:30 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

- 09:30-09:50 Determining genetic susceptibility to food carcinogens using *Saccharomyces cerevisiae* (Budding Yeast)**
Michael Fasullo, State University of New York Polytechnic Institute, USA
- 09:50-10:10 Does antileishmanial glucantime® cause DNA damage by oxidative stress?**
Silma Regina Ferreira Pereira, Federal University of Maranhão, Brazil
- 10:10-10:30 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
- 10:30-10:50 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 10:50-11:10 @ Foyer

- 11:10-11:30 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
- 11:30-11:50 Mechanisms and modes of lead action on SOD inactivation in zebrafish livers**
Rutao Liu, Shandong University, China
- 11:50-12:10 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
- 12:10-12:30 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 12:30-13:10 @ 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

- 13:10-13:30 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

- 13:30-13:50** **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
- 13:50-14:10** **Relevance of assays using mollusks and perspectives in environmental risk assessment**
Lenita de Freitas Tallarico, State University of Campinas, Brazil
- 14:10-14:30** **The gene-environment interactions and asbestosis**
Alenka Franko, University Medical Centre, Slovenia
- 14:30-14:50** **Autophagy alleviates the memory impairment caused by morphine through inflammation suppression in hippocampi of C57BL/6 mice**
Ying Peng, Sun Yat-sen University, China
- 14:50-15:10** **Silibinin as a potential therapeutic for sulfur mustard injuries**
F Balszuweit, Bundeswehr Institute of Pharmacology and Toxicology, Germany
- 15:10-15:30** **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
- 15:30-15:50** **Monosodium glutamate-induced cerebellar toxicity: Possible role of nitric oxide in adult albino rats**
Heba Youssef, Port Said University, Egypt
- 15:50-16:10** **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 16:10-16:30 @ Foyer

Poster Presentations 16:10-17:00 @ Foyer

- GST01** **Determination of PAHs in smoked fishes (*Caranx senegalensis* Cuvier and *Scomber scombrus*) sold in Benin metropolis**
Erhunmwunse Nosakhare Osazee, University of Benin, Nigeria
- GST02** **Exposure of butchers in Nigeria to polycyclic aromatic hydrocarbons (PAHs) from burning tyres**
Francis Okonkwo, Plateau State University, Nigeria
- GST03** **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** **Lambda-cyhalothrin-induced reproductive toxicity and histopathological alterations in male mice**
Ali S Al-Sarar, King Saud University, Saudi Arabia
- GST05** **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

- 09:00-09:20** **Modes of neuropharmacological actions of taurine and its potential therapeutic usage**
Shailesh P Banerjee, City University of New York, USA
- 09:20-09:40** **Alcohol intoxication, arrhythmias and inward rectifiers**
Marketa Bebarova, Masaryk University, Czech Republic
- 09:40-10:00** **Effects of bile acid sequestration on bile acid profile and bile acid signaling in mice**
Peizhen Janet Song, QNS Consulting, USA
- 10:00-10:20** **Can cancer brain metastases be treated using humanized monoclonal antibodies? A pilot pharmacological study**
Guilhem Bousquet, University Paris-Diderot, France

Networking & Refreshments Break 10:20-10:40 @ Foyer

Young Researchers Forum

- 10:40-10:50** **The effects of biomass burning from Amazon region in human lung cells**
Nilmara de Oliveira Alves, University of São Paulo, Brazil
- 10:50-11:00** **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
- 11:00-11:10** **Recommendations to enhance reproducibility and reliability in comet assay**
Baragamaarachchi R Y, University of Colombo, Sri Lanka

- 11:10-11:20 **Cytotoxicity of silver sulfide quantum dots evaluated by the MTT cell culture assay in Hela Cells**
Deniz Özkan Vardar, Hitit University, Turkey
- 11:20-11:30 **Health status of sewage workers: A case study**
Rajlaxmi Basu, Institute of Hematology and Transfusion Medicine, India
- 11:30-11:40 **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
- 11:40-11:50 **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
- 11:50-12:00 **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 13:00-13:40 @ Benzamine

Award & Closing Ceremony

Bookmark your dates

5th Global Summit on

Toxicology & Applied Pharmacology

September 19-20, 2016 Las Vegas, USA

Website: toxicology.global-summit.com

Bookmark your dates

Euro-Global Summit on

Toxicology & Applied Pharmacology

October 27-29, 2016 Rome, Italy

Website: toxicology.global-summit.com/europe



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