

86th OMICS Group Conference

Scientific Program



International

Toxicology Summit & Expo

November 26-28, 2012 Hilton San Antonio Airport, USA



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Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences in related areas under the scheme title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.com

OMICS Group Conferences

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09:00-09:20

Opening Ceremony

Keynote Forum

09:20-09:30 Introduction

09:30-09:55 **Yongmin Liu**

National Cancer Institute, USA

09:55-10:20 **Rajat Sethi**

Texas A&M Health Science Center, USA

10:20-10:45 **Narayan C. Rath**

United States Department of Agriculture, USA

10:45-11:10 **Margarita C. Curras-Collazo**

University of California, USA

Coffee Break 11:10-11:25

Track 1: Emerging Concepts in Toxicology

Track 4: *In-vitro* Toxicology

Chair: **Daniel N Weber**, University of Wisconsin-Milwaukee, USACo-Chair: **Janice L. Speshock**, Tarleton State University, USA

Session Introduction

11:25-11:45 **Title: The role of environmental context in behavioral toxicity outcomes****Daniel N Weber**, University of Wisconsin-Milwaukee, USA11:45-12:05 **Title: Molecular and cellular response of oral cavity cells to tobacco preparations****Wolfgang Zacharias**, University of Louisville, USA12:05-12:25 **Title: Creatine kinase, a possible marker of alcohol dependence and withdrawal****Michael Segal**, Technion Institute of Technology, Israel12:25-12:45 **Title: Establishment of a rapid and inexpensive in vivo model for assessment of nanomaterial safety****Janice L. Speshock**, Tarleton State University, USA

Lunch Break 12:45-13:30

13:30-13:50 **Title: The role of novel biomarker in early prediction of preeclampsia in pregnant rats****Manar E Selim**, King Saud University, Saudi Arabia13:50-14:10 **Title: Sensitive markers of in vivo toxic action of methyl tertial butyl ether****Dmytro O. Minchenko**, National Academy of Sciences of Ukraine, Ukraine14:10-14:30 **Title: Computable causal network models for systems biology-based risk assessment****Marja Talikka**, Philip Morris International R&D, Switzerland14:30-14:50 **Title: Oncogenic and anti-oncogenic micrnas in cell transformation****Yiguo Jiang**, Guangzhou Medical University, China14:50-15:05 **Panel Discussion**

Track 2: Medical and Clinical Toxicology

Track 3: Systems Toxicology

Chair: **Rajat Sethi**, Texas A&M Health Science Center, USACo-Chair: **Maria Paula P. Goncalves**, University of Aveiro, Portugal

Session Introduction

15:05-15:25 **Title: Caveolin mediated p38MAPK associated signaling in ozone- induced cardiac toxicity****Rajat Sethi**, Texas A&M Health Science Center, USA

15:25-15:45 Title: **Indoor flame retardants disrupt dendritic growth in primary cortical cultures by interfering with thyroid and vasopressin receptor signaling**
Margarita C. Curras-Collazo, University of California, USA

Coffee Break 15:45-16:00

16:00-16:20 Title: **Micromolar aluminium may alter neurotransmission**

Maria Paula P. Goncalves, University of Aveiro, Portugal

16:20-16:40 Title: **Role of inflammasome components in innate immune response against T. cruzi infection in chagasic cardiomyopathy patients**

Humberto Mendoza, University of Texas Medical Branch, USA

16:40-17:00 Title: **The ROS scavenger, NAC, regulates hepatic V α 14iNKT cells signaling during Fas mAb dependent fulminant liver failure**

Issac Downs, Louisiana State University, USA

17:00-17:20 Title: **Role of the persisting neurotoxic effects of propionic acid in the etiology of autistic features**

Afaf El-Ansary, King Saud University, Saudi Arabia

17:20-17:40 Title: **Melatonin attenuates arsenic-induced adrenal toxicity in mice**

Dimple Damore, Gujarat University, India

17:40-18:00 Title: **ZBP-89 enhances the killing/toxic effects of anti-tumor agents on hepatocellular carcinoma via multiple channels**

George G Chen, Chinese University of Hong Kong, Hong Kong

18:00-18:15 Panel Discussion

19:10-20:10 Cocktails sponsored by Journal of Clinical Toxicology

Day 2

November 27, 2012

Texas D

Track 5: Environmental Toxicology

Track 6: Analytical Toxicology

Chair: Narayan C. Rath, United States Department of Agriculture/ARS, USA

Co-Chair: Stephanie Seveau, Ohio State University, USA

Session Introduction

10:00-10:20 Title: **Effect of thiram on chicken growth plate cartilage**

Narayan C. Rath, United States Department of Agriculture/ARS, USA

10:20-10:40 Title: **Roles of bacterial pore-forming toxins during host-pathogen interactions**

Stephanie Seveau, Ohio State University, USA

10:40-11:00 Title: **Nutritional toxicology: An emerging sub-specialty and the role it plays in clinical and environmental toxicology**

Noreen Khan Mayberry, NASA Office of Inspector General, USA

Coffee Break 11:00-11:15

11:15-11:35 Title: **A novel screening algorithm for the detection of methylenedioxypropylvalerone and other phencyclidine cross-reactors**

Andrea McGonigle, University of Arizona, USA

11:35-11:55 Title: **Signal transduction pathways involved in the delayed wound healing of skin injuries induced by sulfur mustard**

Tanja Popp, University of Munich, Germany

11:55-12:15 Title: **Studies on competent bacterial synthetic detergent degraders in laundry effluents in Benin City, Nigeria**

Isaiah Nnanna Ibeh, University of Benin, Nigeria

12:15-12:35 Title: **Synthetic dyes: Environment & human risk**

Chetan Prajapati, Ascent Yarn Pvt. Ltd, India

12:35-12:50 Panel Discussion

Lunch Break 12:50-13:35

Track 7: Metallic Toxicology and Substance Abuse

Track 8: Blood Disorders

Chair: Michael Segal, Technion Institute of Technology, Israel

Co-Chair: Kebin Hu, Penn State University, USA

Session Introduction

13:35-13:55 Title: **Medical grade cannabis (MGC) in posttraumatic stress disorder: Promising results of a long term open study**

Michael Segal, Technion Institute of Technology, Israel

13:55-14:15 Title: **Tissue plasminogen activator: Beyond a protease**

Kebin Hu, Penn State University, USA

14:15-14:35 Title: **Methylmercury-induced dopaminergic neurotoxicity in *Caenorhabditis elegans***

Ebany Martinez Finley, Vanderbilt University Medical Center, USA

- 14:35-14:55 **Title: Blood-brain barrier disruption by neurotoxins**
Maria Alexandra Brito, University of Lisbon, Portugal
- 14:55-15:15 **Title: Aluminium intake of patients with classical autism spectrum: Nutritional facts and psychometabolic implications**
Luana Bacellar Melendez, Federal Fluminense University, Brazil
- 15:15-15:35 **Title: Transition metal ions interactions with intrinsically disordered proteins**
Orkid Coskuner, University of Texas, USA
- 15:35-15:55 **Title: The effect of lead acetate toxicity on experimental male albino rat**
Esam A.Eweis, Cairo University, Egypt

15:55-16:10 **Panel Discussion**

Coffee Break 16:10-16:25

Texas A

17:30-19:00 **Poster Presentations**

18:00-19:00 **Cocktails Sponsored by Journal of Clinical Toxicology**

Day 3

November 28, 2012

Texas D

Track 9: Pharmaceutical Toxicology
Track 10: Hormones, Vaccines, and Steroids in Toxicology
Track 11: Veterinary Toxicology
Track 12: Toxicity: Treatment and Management

Chair: M. Michael Swindle, Medical University of South Carolina, USA

Co-Chair: Daekyu Sun, University of Arizona, USA

Session Introduction

- 10:00-10:20 **Title: Porcine models for toxicology and pharmaceutical research**
M. Michael Swindle, Medical University of South Carolina, USA
- 10:20-10:40 **Title: Characterization of an unique route to DNA strand breaks by DNA alkylating agents involving DNA alkylation, depurination, and the resulting AP sites**
Daekyu Sun, University of Arizona, USA
- 10:40-11:00 **Title: Spinosad induced cytogenotoxic effects on the mosquito fish, *Poecilia reticulata* (guppy)**
Lucian Obinnaya Chukwu, University of Lagos, Nigeria

Coffee Break 11:00-11:15

- 11:15-11:35 **Title: Evaluation of the anti - human immunodeficiency virus (HIV) properties of bioclean II (DXL - deconcentration X-liquid)**
Isaiah Nnanna Ibeh, University of Benin, Nigeria
- 11:35-11:55 **Title: Cyanide intoxication cases by suicidal ingestion and favorable antidote therapy: Case series**
Byngkwon Bae, Pusan National University Hospital, Korea
- 11:55-12:15 **Title: Toxicological assessment of the aqueous extract of the leaves of *Moringa oleifera* and *Caulis bambusae* in rabbit**
Chinwe Christy Isitua, University of Benin, Nigeria
- 12:15-12:35 **Title: Evaluation of the extract from the methanolic partition phase and the metabolites isolated from *Baccharis microdonta* for pharmacological activity and enzymatic venom of *Bothrops jararacussu***
Daniela Oliveira, Mackenzie Presbyterian University, Brazil

12:35-12:50 **Panel Discussion**

Lunch Break 12:50-13:35

Bookmark your dates



2nd International Conference on

Toxicology & Applied Pharmacology

November 4-6, 2013 California, USA

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