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Scientific Program

International Conference on

Toxicogenomics and Drug Monitoring & European Pharma Congress

August 25-27, 2015 Valencia, Spain



OMICS International Conferences:
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09:00-09:30 Registrations

Melia Meeting-6

09:30-09:50 **Opening Ceremony**

09:50-09:55 **Introduction**

Workshop

09:55-10:55 **Human safety of free Hydroquinone derived from herbal medicinal products containing *Uvaeursi folium***
Susana Garcia de Arriba, Schaper & Brümmer GmbH & Co. KG., Germany

Group Photo

Networking & Refreshments Break 10:55-11:15 @ Foyer

Track 1: Predictive Human Toxicity and ADME/Tox Studies
Track 2: Adverse Outcome Pathways
Track 3: Environmental Toxicogenomics

Session Chair: Susana Garcia de Arriba, Schaper & Brümmer GmbH & Co. KG., Germany

Session Introduction

11:15-11:45 **Adverse outcome pathways in predictive toxicology**
Catherine Willett, The Humane Society of the United States, USA

11:45-12:15 **Cardiovascular and respiratory effects of RME biodiesel exhaust exposure**
Jenny Bosson, Umea University, Sweden

12:15-12:45 **Explorative versus confirmative interpretation of statistical significance in toxicological research using Ginkgo biloba as an example**
Wilhelm Gaus, University of Ulm, Germany

Lunch Break 12:45-13:30 @ Aqua

13:30-14:00 **Insights into pathogenic mechanisms of crystalline silica by profiling the acute response of lung epithelial cells – Focus on inflammasome activation *in vitro* and *in vivo***
N L Reynaert, Maastricht University Medical Centre, The Netherlands

14:00-14:30 **Oxidative stress parameters as markers of exposure to toxic organic pollutants among petroleum distribution industry workers in Nigeria**
Ezejiofor Tobias I Ndubuisi, Federal University of Technology, Nigeria

Panel Discussion

Track 4: Toxicology Approaches
Track 5: Drug Monitoring

Session Chair: D Weissmann, Alcediag, France
Session Co-Chair: Raúl Bonne Hernández, Federal University of São Paulo, Brazil

Session Introduction

14:30-15:00 **Involvement of genetics in poor outcomes in anticoagulation therapy**
Farhad Kamali, Newcastle University, UK

15:00-15:30 **Innovative test to predict drug-induced neurotoxicity and psychiatric side effects**
D Weissmann, Alcediag, France

Networking & Refreshments Break 15:30-15:50 @ Foyer

15:50-16:20 **Toxicogenomics analysis of zebrafish (*danio rerio*) embryos reveals pathways involved in manganese-induced dementia**
Raúl Bonne Hernández, Federal University of São Paulo, Brazil

16:20-16:50 **Biological indices of toxicity in tropical legumes grown in oil-contaminated soil**
Dinora Vázquez-Luna, Universidad Veracruzana, Mexico

16:50-17:20 **Tolerance of imatinib, dasatinib and nilotinib in the treatment of chronic leukemia myeloid**
Wafa Soudani, Annaba Medical College, Algeria

17:20-17:50 **Biomolecules oxidation and antioxidant enzymes response as a result of injection of oxidative stressors into 5th instar of *Schistocerca gregaria***
Eman Alaaeldin Adbelfattah, Cairo University, Egypt

Young Research Forum

17:50-18:00 ***In vitro* effect of bisphenol A on DNA integrity and intracellular signaling in sturgeon (*Acipenseruthenus*) sperm**
Gazo I, University of South Bohemia in Ceske Budejovice, Czech Republic

Panel Discussion

Day 2 August 26, 2015

Valentia-A

Keynote Forum

10:00-10:25 **Mengmeng Wang**
Pfizer, USA

10:25-10:50 **Hechmi Toumi**
CHR Hospital Porte Madeleine Orleans, France

Networking & Refreshments 10:50-11:05 @ Foyer

Track 1: Pre-formulation Studies
Track 2: Biopharmaceutics
Track 7: Nanotechnology

Session Chair: Hechmi Toumi, CHR Hospital Porte Madeleine Orleans, France
Session Co-Chair: Mengmeng Wang, Pfizer, USA

Session Introduction

11:05-11:25 **A bioequivalence study of two Azithromycin tablet formulations in indonesian healthy subjects**
Yahdiana Harahap, Universitas Indonesia, Indonesia

11:25-11:45 **Towards pharmacological validation of MAP kinase interacting kinases (MNKs) as anti-cancer drug targets**
Hugo Albrecht, University of South Australia, Australia

11:45-12:05 **Design, synthesis and investigation of aryl derivatives of Alaptide as potential transdermal permeation enhancers**
Joseph Jampilek, University of veterinary and Pharmaceutical Sciences Brno, Czech Republic

12:05-12:25 **In situ gelling Naltrexone hydrochloride films as a potential novel therapy for corneal healing disorders**
Hamdy Abdelkader, Kingston University, UK

12:25-12:45 **Cyanobacteria are photosynthetic prokarotes**
Patrizia Pagliara, Stanford University School of Medicine, USA

12:45-13:05 **Drug nanocarriers as targeted therapies in cancer, the new chemotherapy**
Edgar Perez-Herrero, University of Salamanca, Spain

Lunch Break 13:05-13:40 @ Aqua

13:40-14:00 **Priapism associated with the use of Clozapine-Case report**
Mauricio de la Espriella Perdomo, Cooperative University of Colombia, Colombia

14:00-14:20 **Comparative analysis of standard ISO 9001:2015 and Good manufacturing practice-Continues improvement perspective**
Valentina Marinkovic, University of Belgrade, Serbia

14:20-14:40 **Improved adjuvants for vaccine development: Surface and adjuvant modified PLGA microspheres**
Aiala Salvador Martínez, University of the Basque Country, Spain

14:40-15:00 **Guava monograph**
Abdalla Omar, Alexandria University, Egypt

15:00-15:20 **Angiotensin II increases endothelial arginase expression through a RhoA/ROCK-p38 MAPK-ATF-2 pathway leading to reduced NO production**
Alia Shatanawi, The University of Jordan, Jordan

Networking & Refreshments 15:20-15:35 @ Foyer

Track 1: Pre-formulation Studies
Track 2: Biopharmaceutics
Track 7: Nanotechnology

Session Chair: Patrizia Pagliara, Stanford University School of Medicine, USA
Session Co-Chair: Abdalla Omar, Alexandria University, Egypt

15:35-15:55 **From the deepest on earth: Natural products from extreme environments**
Wael M Abdel-Mageed, King Saud University, Egypt

15:55-16:15	**A molecular pathway analysis informs the genetic background at risk for schizophrenia** **Antonio Drago,** Aarhus University, Denmark
16:15-16:35	**Synthesis of metal complexes some aryl (3-methyl-benzofuran-2-yl) ketoxime** **Kadriye Benkli,** Anadolu University, Turkey
16:35-16:55	**Amphiphilic cyclodextrins able to form slow releasing drug loaded vesicles and study on *in vitro* model** **Veronique Bonnet,** Universite de Picardie Jules Verne, France
16:55-17:15	**Critical analysis of mortality in the so-called Metformin-associated lactic acidosis** **Jean-Daniel Lalau,** University Hospital, France

Day 3 August 27, 2015

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Track 6: Hospital Pharmacy, Drugs and Regulations

Session Chair: Joseph Jampilek, University of veterinary and Pharmaceutical Sciences Brno, Czech Republic
Session Co-Chair: M Dogu Nebioglu, Ankara University, Turkey

Session Introduction

10:00-10:20	**Oncoprotein Survivin is a promissing new biomarker of rheumatoid arthritis and of successful anti-rheumatic treatment** **Maria Bokarewa,** Gothenburg University, Sweden
10:20-10:40	**The effect of clinical pharmacy services on readmissions and length of stay in patients with chronic obstructive pulmonary disease** **Rupal Patel Mansukhani,** Rutgers University, USA
10:40-11:00	**Integrating research skills into higher education: Developing research-based curriculum in pharmacy education** **Mohamed A Hamzawy,** Misr University for Science & Technology, Egypt
11:00-11:20	**Regulatory approval for autologous human cells and tissue products in the United States, the European Union, and Japan** **Kazuo Yano,** Tokyo Women's Medical University, Japan

Networking & Refreshments 11:20-11:35 @ Foyer

11:35-11:55	**Neutralization of autoantibodies directed against the beta-1-adrenoceptor and the muscarinergic-2 receptor treats Betacardiomyopathym** **Johannes Mueller,** Berlin Cures, Germany
11:55-12:15	**Counterfeit medicines: A global threat** **Tarek Kilani,** Emirates French Hospital, United Arab Emirates
12:15-12:35	**TBA** **Stacy Hardeo,** The State University of New Jersey, USA
12:35-12:55	**A novel approach to inhibit hiv-1 infection by actively neutralizing the antibodies of reverse transcriptase system** **Sherif Salah,** Cairo University, Egypt

Lunch Break 12:55-13:35 @ Aqua

13:35-13:55	**Perception and attitude of physicians toward local generic medicines in Saudi Arabia: A questionnaire-based study** **Ashraf El Metwally,** King Saud bin Abdulaziz University for Health Sciences, KSA
13:55-14:15	**Characterization of processing and formulation parameters of hot-melt extruded polyethylene oxide matrices for extended-release application** **Ahmad Aljaberi,** Applied Science University, Jordan
14:15-14:35	**From Ebola virus to tuberculosis: Emerging and re-emerging infectious diseases in the era of fast transports** **Cenciarelli Orlando,** University of Rome Tor Vergata, Italy
14:35-14:55	**Progression of Intravenous (IV) Lipopolysaccharide (LPS)-induced hypotension can be prevented by intra-Cerebral Ventricular Injection (ICV)** **Carlos Feleder,** University of Rome Tor Vergata, Italy
14:55-15:15	**Design, development and optimization of a new Dimethicone-based cream containing grape extract** **Farid Menaa,** Fluorotronics, Inc., USA

Networking & Refreshments 15:15-15:30 @ Foyer

Young Researchers Forum

15:30-15:45	**Molecular and cellular targets of polyphenols from *Fragaria vesca* leaf** **Joana Liberal,** University of Coimbra, Portugal
15:45-16:00	**A potential breakthrough in osteoarthritis treatment: Alternative method for cartilage repair by mesenchymal stem cells** **Marjia Mazor,** Orleans University, France
16:00-16:15	**Effects of inactive parapoxvirus ovis on cytokine levels in rats** **Irmak Dik,** University of Selcuk, Turkey
16:15-16:30	**Transport of self-nanoemulsifying drug delivery system (snedds) across mucus and cellular internalization** **Arshad masood,** University of Innsbruck, Austria
16:30-16:45	**The stability of injectable oxytocin with respect to pH** **Ahmad F K Alzayadi,** Curtin University, Australia
16:45-17:00	**Coffee plus Honey" versus "topical steroid" in the treatment of chemotherapy-induced oral mucositis: A randomised controlled trial** **Nadia Raeessi,** University of Medical Sciences, Iran

Panel Discussion

Award Ceremony