

London

conference**series.com**

09:30-09:55

Opening Ceremony

Keynote Forum

09:55-10:00 Introduction

10:00-10:40 **Title: Genetic heterogeneity among slow acetylator N-acetyltransferase 2 phenotypes**
David W Hein, University of Louisville School of Medicine, USA

Networking & Refreshments Break 10:40-11:00

11:00-11:40 **Title: The case for urine toxicology testing in clinical trials**
Martin H Bluth, Wayne State University School of Medicine, USA

11:40-12:20 **Title: Environmental hazards of novel photovoltaic perovskites**
László Forró, Ecole Polytechnique Fédérale de Lausanne, Switzerland

Panel Discussion

Special Session

12:20-13:00 **Title: 4-OH-PCB11 alters fatty acid and glucose metabolism in the absence of functional sirtuin3**
Nukhet Aykin-Burns, University of Arkansas for Medical Sciences, USA

Group Photo

Lunch Break 13:00-14:00 @ Athens Rooms

Sessions: Pharmacology and Toxicology | Applied Pharmacology

Session Chair: Martin H Bluth, Wayne State University School of Medicine, USA

Session Co-Chair: Nukhet Aykin-Burns, University of Arkansas for Medical Sciences, USA

Session Introduction

14:00-14:25 **Title: Impact of cocaine, HIV and aging on calcium regulation of cortical neurons**
Xiu-Ti Hu, Rush University Medical Center, USA

14:25-14:50 **Title: Targeting PHD2/HIF-2 α signaling as a novel therapy of pulmonary arterial hypertension**
You Yang Zhao, Northwestern Feinberg School of Medicine, USA

14:50-15:15 **Title: Pharmacology of Patiromer, a nonabsorbed cross-linked polymer that lowers serum potassium concentration in patients with Hyperkalemia**
Lingyun Li, Relypsa, Inc., USA

15:15-15:40 **Title: Acceleration of bone healing: Identification of a therapeutic target in a pre-clinical model**
Uma Sankar, Indiana University School of Medicine, USA

Panel Discussion

Networking & Refreshments Break 15:40-16:00

Sessions: Systems Toxicity | Risk Assessment | Toxicity Testing | Environmental and Occupational Toxicology

Session Chair: Yalavarthy Prameela Devi, Kakatiya University, India

Session Co-Chair: Andrea Randi, Universidad de Buenos Aires, Argentina

16:00-16:25 **Title: Environmental toxicity of photovoltaic perovskites**
László Forró, Ecole Polytechnique Fédérale de Lausanne, Switzerland

16:25-16:50 **Title: Identification of novel photocytotoxic plant secondary metabolites in the pasture legume *Biserrula pelecinus* L.**
Jane C Quinn, Charles Sturt University, Australia

- 16:50-17:15 **Title: Titanium dioxide nanoparticles induce a toxic effect on rat cardiomyoblasts H9c2**
Rebeca Lopez-Marure, Instituto Nacional de Cardiología Ignacio Chavez, Mexico
- 17:15-17:40 **Title: Diclofenac induced biochemical alterations in certain tissues of *Channa punctatus***
Rohini Padma, Government Degree College, Jammikunta, India

Panel Discussion

Day 2 July 21, 2017

London

Keynote Forum

- 09:30-10:10 **Title: Enhancing endothelial regeneration and vascular repair for treatment of sepsis and acute respiratory distress syndrome**
You Yang Zhao, Northwestern Feinberg School of Medicine, USA
- 10:10-10:50 **Title: Targeted RNAi therapeutics with an optimized HK carrier**
A J Mixson, University of Maryland School of Medicine, USA

Panel Discussion

Networking & Refreshments Break 10:50-11:10

Plenary Talk

- 11:10-11:50 **Title: Toxic chemicals in personal care products and their hazards with special reference to Triclosan**
Yalavarthy Prameela Devi, Kakatiya University, India

Sessions: Molecular Toxicology | Clinical Toxicology | Genetic Toxicology

Session Chair: A J Mixson, University of Maryland School of Medicine, USA

- 11:50-12:15 **Title: Organochlorine pesticides and breast cancer: Mechanism of action on human breast cancer cells and animal models**
Andrea Randi, Universidad de Buenos Aires, Argentina
- 12:15-12:40 **Title: Transcriptomic gene-network analysis for neurotoxicity and drug repurposing**
Chun-Yu Chuang, National Tsing Hua University, Taiwan
- 12:40-13:05 **Title: Biochemical and enzymatic changes induced by Butachlor during sublethal exposures in freshwater fish *Labeo rohita* (Hamilton)**
K Prasuna, Kakatiya University, India

Lunch Break 13:05-14:05 @ Athens Rooms

- 14:05-14:30 **Title: Revisiting antidotes in the treatment of organophosphorus poisoning**
Kirti Satheesh Pawar, Giriraj Hospital and Intensive Care Unit, India

Panel Discussion

Young Researchers Forum

- 14:30-14:50 **Title: Detoxification of aflatoxin B1 using dietary molecular species**
Blake R Rushing, Brody School of Medicine at East Carolina University, USA
- 14:50-15:10 **Title: Using the human trabeculae muscle work loop assay for assessing cardiac contractility effects of test compound**
Mayel Gharanei, Coventry University, UK
- 15:10-15:30 **Title: Novel cell-killing mechanisms of hydroxyurea and the implication towards combination therapy for the treatment of fungal infections**
Amanpreet Singh, Wright State University Boonshoft School of Medicine, USA
- 15:30-15:50 **Title: Role of adiponectin in menopausal women**
Muhammad Ibrar Khan Afridi, Near East University, Turkey

Panel Discussion

Networking & Refreshments Break 15:50-16:10

Poster Presentation @ 16:10-17:10

- TAP-001 **Title: Toxicity and toxins of the greater blue-ringed octopus *Hapalochlaena lunulata* from Ishigaki Island, Okinawa Prefecture, Japan**
Manabu Asakawa, Hiroshima University, Japan

- TAP-002 **Title: A community intervention in a group of Cuban adolescents considered at risk of drug addiction: Reality and consequences**
Wilson Selorm Gobah, Higher Institute of Medical Sciences of Havana, Cuba
- TAP-003 **Title: Rational combination of COX-2 inhibitors and curcumin in osteoarthritis**
Samragini Satheesh Pawar, HBT Medical College and Dr. R N Cooper Municipal General Hospital, India
- TAP-004 **Title: Synthesis and hypolipidemic properties of novel N-(4-benzoylphenyl) pyrrole-2-carboxamide derivatives**
Tariq Al-Qirim, Al-Zaytoonah University of Jordan, Jordan
- TAP-005 **Title: Increased incidence of nuclear anomalies in buccal epithelial cell exfoliates: A non-invasive biomarker of chronic exposure of butchers in Nigeria to polycyclic aromatic hydrocarbons and volatile organic compounds from burning tyres**
Francis O Okonkwo, Plateau State University, Nigeria

Panel Discussion

Day 3 July 22, 2017

London

Sessions: Pharmacology and Toxicology | Applied Pharmacology | Food and Chemical Toxicology

Session Chair: Uma Sankar, Indiana University School of Medicine, USA

Session Chair: Chun-Yu Chuang, National Tsing Hua University, Taiwan

10:00-10:25 **Title: Intensive study of *Catharanthus roseus* as herbal medicine for the purpose of treatment and reduce complications of acute leukemia**
Mufeed J Ewadh, Babylon University, Iraq

10:25-10:50 **Title: YTD**
Subhashini Arimilli, Wake Forest University Health Sciences, USA

Networking & Refreshments Break 10:50-11:10

11:10-11:35 **Title: Double faced glucocorticoid and associated glucolipotoxicity on cardiovascular health- A commentary**
Prasanth Puthanveetil, Roosevelt University, USA

11:35-12:00 **Title: Attenuation of Adriamycin nephropathy by matrix metalloproteinase inhibition in experimental rats: Role of oxidative stress and inflammatory mediators**
Hanan H Hagar, King Saud University, KSA

12:00-12:25 **Title: Treatment of *Pieris* ingestion in goats with intravenous lipid emulsion**
K Bischoff, Cornell University, USA

12:25-12:50 **Title: Thermodynamics of Cu²⁺, Pb²⁺, and Cd²⁺ sorption onto low molecular weight chitosan using Isothermal Titration Calorimetry (ITC)**
Peter Osei Boamah, Bolgatanga Polytechnic, Ghana

Panel Discussion

Video Presentations

12:50-13:00 **Title: Effect of Paraoxon on cardiotoxic activity of parotoid gland secretion of *Bufo melanostictus* (Schneider) on isolated heart of frog**
Yanamala Venkaiah, Kakatiya University, India

13:00-13:10 **Title: Effect of bark extract of *Oroxylum indicum* L. (Kurz) on electrophoretic patterns of esterase activity and silk yield of *Bombyx mori* (L.)**
Samatha Talari, Kakatiya University, India

13:10-13:20 **Title: Single nucleotide variation analysis in conservation of Tasar populations using EST-SSR markers**
G Shamitha, Kakatiya University, India

13:20-13:30 **Title: Evaluation of antivenom properties of the whole plant extract of *Rhinacanthus Nausutus***
Ravulakolanu Vanisree, Kakatiya University, India

Panel Discussion

Awards & Closing Ceremony

Lunch Break 13:30-14:30 @ Athens Rooms

Networking & Refreshments Break 15:15-15:30