Tentative Program

9th World Congress on

Pharmacology

September 04-06, 2017 Paris, France



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

pharmacology@conferenceseries.net

9th World Congress on Pharmacology

September 04-06, 2017 Paris, France

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	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)	

19 Speakers for Day 1

Day 2

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Sessi	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

40 Speakers on Day 2

Day 3

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Evening Sessions	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Closing Cermony		

40 Speakers on Day 3

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

For More Details: pharmacology@conferenceseries.net, pharmacology@pharmaceuticalconferences.org

http://pharmacology.pharmaceuticalconferences.com/

Conference Highlights

- Pharmacology
- Neuropharmacology and Psychopharmacology
- Clinical pharmacology and receptor theory
- Pharmacokinetics and Pharmacodynamics
- Cardiovascular Pharmacology
- Ethnopharmacology
- Immunopharmacology
- Pharmacogenetics and Pharmacogenomics
- Toxicology
- Drug Screening and Discovery
- Advances in Pharmacological Research
- Ocular Pharmacology
- Biochemical Pharmacology
- Pharmacoepidemiology and Pharmaco-economics
- Pharmacological Testing
- Nursing Pharmacology
- Entrepreneurs Investment Meet
- Market Analysis of Pharmacology



Glimpses of Pharmacology 2016













Glimpses of Pharmacology 2016













Plan your trip to Paris



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Notre Dame de Paris



Palais Garnier - Opera National de Paris



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Seine

conferenceseries.com

3rd World Congress on

Pharmacology

August 08-10, 2016 Birmingham, UK

Scientific Program



Registrations

Brunel Suite

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: Medicinal applications of fulvic acid
CEJ van Rensburg (Connie Medlen), University of Pretoria, South Africa

Networking and Refreshment Break

Title: Biologically active compounds of plant origin and their syntheticderivatives: prospective therapeutic agents
Karen Mulkijanyan, Tbilisi State Medical University, Georgia

Group Photo

Sessions:

Pharmacology | Neuropharmacology | Psychopharmacology | Advances in Pharmacological Research

Session Chair: CEJ van Rensburg (Connie Medlen), University of Pretoria, South Africa

Session Co-Chair: Alexander Kulikov, Siberian Division of Russian Academy of Sciences, Russia

Session Introduction

Title: Safflower oil: An integrated assessment of phytochemistry, antiulcerogenic activity, and rodent and environmental toxicity

Walber Toma, Santa Cecilia University, Brazil

Title: Enhancement of the immunostimulatory functions of *ex vivo*-generated dendritic cells from early-stage colon cancer patients by consecutive exposure to low doses of sequential-kinetic-activated il-4 and il-12. A preliminary study

Elisabetta Radice, University of Turin, Italy

Lunch Break

Title: Spatial learning in the Morris water maze in mice genetically different in the predisposition to catalepsy: The effect brain-derived neurotrophic factor

Alexander Kulikov, Siberian Division of Russian Academy of Sciences, Russia

Title: Experimental study of the effectiveness of antioxidant therapy in treating the most common diseases of the male reproductive system

T.G. Borovskaya, Goldberg Research Institute of Pharmacology and Regenerative Medicine, Russia

Title: New dimensional role of circulatory microRNAs in acute myocardial infarction

Ali Sheikh Md Sayed, Central South University, China

Title: Angiotensin receptor blockers as a possible brain-inflammation modulators: *In vitro* and *in vivo* studies

Fleisher-Berkovich S, Ben-Gurion University of the Negev, Israel

Title: The role of cyclic AMP-ERK-c-Jun pathways on L-DOPA-induced neurotoxicity in neuronal and PC12 cells and the *in vivo* applications

Myung Koo Lee, Chungbuk National University, Republic of Korea

Sessions:

Ethnopharmacology | Toxicology | Drug Screening and Discovery

Session Chair: CEJ van Rensburg (Connie Medlen), University of Pretoria, South Africa

Session Co-Chair: Hui-Hui Xiao, The Hong Kong Polytechnic University, PR China

Session Introduction

Title: Comparative studies on antiulcer activity of traditional plant sources- A select study

P Brindha, SASTRA University, India

Title: Study of renal and cytotoxic effects induced by *Bothrops pauloensis* venom

Aline Diogo Marinho, Federal University of Ceara, Brazil

Networking and Refreshment Break

Title: Lignans from *Sambucus williamsii* Hance exerts oestrogen-like effects in osteoblastic cells and its metabolites in rats

Hui-Hui Xiao, The Hong Kong Polytechnic University, PR China

Title: Sulforaphane prevents cholinergic deficits and cognitive impairment in mice

Jiyoung Kim, Seoul National University, Korea (South)

Title: Antimicrobial anthrones from the leaves latex of *Aloe sinana*, Reynold

Genet Minale, Ambo University, Ethiopia

Title: A forward to optimization of antivenom therapy: An *in vivo* study upon the effectiveness of the antivenom against early and delayed nephrotoxicity induced by the venom of the Iranian scorpion *Hemiscorpius lepturus* in rat

Jalali A, Ahvaz Jundishapur Uniersity of Medical Sciences, Iran

Panel Discussion

Day 2 August 09, 2016

Brunel Suite

Sessions:

Neuropharmacology | Pharmacokinetics and Pharmacodynamics | Biochemical Pharmacology | Pharmacological Testing

Session Chair: Karen Mulkijanyan, Tbilisi State Medical University, Georgia

Session Co-Chair: Alexander Kulikov, Siberian Division of Russian Academy of Sciences, Russia

Session Introduction

Title: Carnosic acid prevents 6-hydroxydopamine induced-apoptosis is associated with modulation ARTS and XIAP by parkin in SH-SY5Y cells

Chai-Wen Tsai, China Medical University, Taiwan

Title: Hyperphosphatemia in end stage renal disease patients undergoing maintenance hemodialysis at a tertiary care hospital in Ras Al Khaimah, UAE

Syed Arman Rabbani, RAK Medical and Health Sciences University, UAE

Title: MicroRNA-9 induces defective trafficking of Nav1.1 and Nav1.2 by targeting Navβ2 protein coding region in rat with chronic brain hypoperfusion

Lihua Sun, Harbin Medical University, China

Networking and Refreshment Break

Title: Cardiac over-expression of microRNA-1 induces impairment of cognition in mice

Jing Ai, Harbin Medical University, China

Title: *Levetiracetam* and cognition in sporadic dementia of Alzheimer's type in rats

Cherine Adel Ismail, Alexandria University School of Medicine, Egypt

Title: The critical role of mast cell-derived hypoxia-inducible factor-1α in colon cancer infiltrated with mast cell

Xin Liang, East China University of Science and Technology, PR China

Title: miR-297 modulates multidrug resistance in human colorectal carcinoma bydown-regulating MRP-2

Ke Xu, Shanghai University of Traditional Chinese Medicine, PR China

Title: Biochemical and physiological studies of ischemia reperfusion in (doca)-salt hypertensive rat heart

Flory Revnic, NIGG"Ana Aslan", Romania

Lunch Break

Poster Presentations

PC-001 **Title: Novel amino-flavonoids: Multi-target compounds as potential agents for co-morbid type-2 Diabetes and Tuberculosis treatment**

Tlaila TB, University of KwaZulu-Natal, South Africa

PC-002 **Title: Preclinical drugability studies of the candidate drug DL0410 for anti-Alzheimer's disease**

Ai-Lin Liu, Chinese Academy of Medical Sciences and Peking Union Medical College, China

PC-003 **Title: Opinion leaders: A rising marketing tool to promote new medicines**

Anne-Laure Pittet, University of Lausanne and Centre Hospitalier Universitaire Vaudois (CHUV), Switzerland

PC-004 **Title: Electrophysiological and trafficking defects of the SCN5A T353I mutation in Brugada syndrome are rescued by alpha-allocryptopine**

Yang Li, General Hospital of People's Liberation Army, PR China

PC-005 **Title: Trafficking defects underlying the mechanisms of acquired Brugada syndrome induced by amitriptyline**

Xi Chen, General Hospital of People's Liberation Army, PR China

PC-006 **Title: Investigation of the anti-nociceptive and sedative-hypnotic effects of leaf methanol extract of *Ballota africana* (L.) *Benth.* (Lamiaceae) in mice**
George J Amabeoku, University of the Western Cape, South Africa

PC-007 **Title: Reversal of P-glycoprotein-mediated multidrug resistance by cinobufagin**
Zeting Yuan, Shanghai University of Traditional Chinese Medicine, PR China

PC-008 **Title: Increase urine volume by novel pendrin inhibitors in mice**
Jae Young Choi, Yonsei University College of Medicine, Korea

PC-009 **Title: Cryptotanshinone reduces the level of topoisomerase 2 in human prostate cancer cells and affects the cytotoxicity of anticancer drugs**
Minyoung Lee, Korea Institute of Radiological and Medical Sciences, Korea

PC-010 **Title: Hypericum extract WS® 5570 binds to melatonin receptors and increases melatonin plasma levels in rats: Possible contribution in the therapy of insomnia indepression**
Sabrina Kraft, Dr. Willmar Schwabe Pharmaceuticals, Germany

PC-011 **Title: Effect of aqueous extracts of pawpaw (*Carica papaya*) seeds on some fertility parameters of male Wister albino rats**
Onaolapo Mao, Federal College of Education, Nigeria

PC-012 **Title: Ameliorative effect of ginger extract in high-fat diet and streptozotocin-induced hyperglycemic rats**
Kinanti Narulita Dewi, Sultan Agung Islamic University, Indonesia

PC-013 **Title: Cardiovascular disease pattern in outpatient department of Gondar University Referral Hospital: A 6 year retrospective cross sectional study**
Yonas Getaye Tefera, University of Gondar, Ethiopia

Young Researchers Forum

Title: Protective effect of *Hypericumtriquetrifolium Turra* on Cyclophosphamide–induced hepatotoxicity in rat
Songul Cetik, Mardin Artuklu University, Turkey

Title: A new model of depressive-like behavior in rats and mice for preclinical drug discovery
Anna Morozova, V.P Serbsky Federal Medical Research Center for Psychiatry and Narcology, Russia

Title: Ecotoxicological evaluation and occurrence of losartan potassium and valsartan in a Brazilian coastal zone
Luciana Lopes Guimaraes, Santa Cecilia University, Brazil

Title: Motivational interviewing in a patient with Schizophrenia to achieve treatment collaboration: A case study
Melike Ertem, Dokuz Eylul University, Turkey

Networking and Refreshment Break

Title: A novel class I histone deacetylase inhibitor, I-7ab, induces apoptosis and arrests cell cycle progression in human colorectal cancer cells
Kecheng Lei, East China University of Science and Technology, PR China

Title: Functionalization of the dendron-based carrier system with ApoE-derived peptide for enhancing blood-brain barrier targeting and permeability of drug used in the treatment of Alzheimer's disease
S Al-azzawi, University of Brighton, UK

Title: Development of Wound Healing Ointment on the Basis of Natural Biopolymer
Sopio Gokadze, Tbilisi State Medical University, Georgia

Title: Immunomodulatory and anti-bacterial activities of standardized methanolic extract of *Clerodendrum infortunatum* Linn.
Somit Dutta, University of North Bengal, India

Panel Discussion

Award & Closing ceremony

Day 3 August 10, 2016

Extended Networking Session @ Albany Foyer

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July 2015 Volume 5 Issue 4

Scientific Program

World Congress on

Pharmacology

July 20-22, 2015 Brisbane, Australia



Pharmacology-2015

Hosting Organizations: Conference Series LLC

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Email: neuropharmacology@conferenceseries.net, neuropharmacology@conferenceseries.com

Day 1 July 20, 2015

Registrations

Quay 1 Level-I

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Opening Ceremony

Keynote Forum

Introduction

Grzegorz Sawicki
University of Saskatchewan, Canada

CE Jansen van Rensburg
University of Pretoria, South Africa

Networking & Refreshments Break

Sadashiva Karnik
Cleveland Clinic, USA

Vladimir S Naumenko
Institute of Cytology and Genetics, Russia

Group Photo

Track 1: Clinical Pharmacology and Receptor Theory
Track 2: Neuropharmacology and its Advances
Track 7: Theoritical Pharmacology
Track 9: Vascular Pharmacology and Haematological principles

Session Chair: Grzegorz Sawicki, University of Saskatchewan, Canada

Session Co-chair: Seyfullah Oktay Arslan, Yildirim Beyazit Universitesi, Turkey

Session Introduction

Title: Computational tools for fitting the hill equation to dose - response curves
Sudhindra R Gadagkar, Midwestern University, USA
Title: Neurotransmitter sensing by high temporal and spatial resolution
Ahmet Hacimuftuoglu, Ataturk University, Turkey
Title: Treatment with nerve graft and acidic fibroblast growth factor enhance neuron survival and functional recovery in cervical root injury
Ming-Chao Huang, Taipei Veterans General Hospital, Taiwan
Title: Benzaldehyde suppresses murine allergic asthma and rhinitis
Young Hyo Kim, Inha University College of Medicine, Republic of South Korea
Title: Cardiovascular protective effects of *Casearia sylvestris* Swartz in swiss and C57BL/6 LDLr-null mice undergoing high fat diet
Arquimedes Gasparotto Junior, Universidade Federal da Grande Dourados, Brazil

Lunch Break

Session Chair: Grzegorz Sawicki, University of Saskatchewan, Canada

Session Co-chair: Ali Parlar, Adiyaman Universitesi, Turkey

Title: Effect of GDNF on depressive-like behavior, spatial learning and key genes of the brain dopamine system in genetically predisposed to behavioral disorders mouse strains
Vladimir S Naumenko, Institute of Cytology and Genetics, Russia
Title: Simultaneous subthreshold inhibition of MMP, MLCK and NOS activities protects cardiomyocytes from contractile dysfunction induced by hypoxia-reoxygenation
Grzegorz Sawicki, University of Saskatchewan, Canada
Title: The exogenous administration of CB2 specific agonist, GW405833, inhibits the inflammatory response by reducing cytokine production and oxidative stress
Ali Parlar, Adiyaman Universitesi, Turkey

Title: Metformin interaction with popular Indian herbal remedies, *Boswellia serrata* (Sallaki) and *Withania somnifera* (Ashwagandha) – PK/PD approach with insulin resistant rodent model
Rekha R Shenoy, Manipal University, India
Title: Title: Anti- inflammatory effects of cannabinoid 2 receptor agonist, GW405833, in a model of carrageenan-induced acute inflammation of the rat paw
Seyfullah Oktay Arslan, Yildirim Beyazit Universitesi, Turkey

Networking & Refreshments Break

Title: Synthesis and *in vitro* anticancer studies of novel coumarin substituted thiazolidin- 4- ones
Alex Joseph, Manipal University, India
Title: The effects of concomitant ginkgo intake on noise induced Hippocampus injury: Possible auditory clinical correlate
Alaa Abousetta, Suez Canal University, Egypt
Title: Nanoparticulate novel sunscreen creams: Development and evaluation
Srinivas Mutalik, Manipal University, India
Title: Assessment of lipid lowering effect of shilajit in adult male rats
Ashok Shenoy K, Manipal University, India

Panel Discussion

Day 2 July 21, 2015

Quay 1 Level-I

Track 4: Pharmacogenetics and Pharmacogenomics
Track 6: Toxicology
Track 12: Latest Trends in Pharmacological Drug Developments
Track 13: Pharmacological Drug Discovery

Session Chair: Vladimir S Naumenko, Institute of Cytology and Genetics, Russia
Session Co-chair: Ramadan Al-Shdefat, Prince Sattam Bin Abdulaziz University, KSA

Session Introduction

Title: A toxicogenomic study of Carboplatin in Saccharomyces cerevisiae : The involvement of HuR and cullins in response to this antitumor drug
Gisele Monteiro de Souza, University de Sao Paulo, Brazil
Title: Plant biopolymers from *Boraginaceae* family species and their synthetic derivatives: Prospective pharmacological agents
K Mulkijanyan, Tbilisi State Medical University, USA
Title: Potent - glucosidase, - amylase, and - glucosidase inhibitor activity of ethanol extract,3 -hydroxystigmastan - 5(6) - en (terpenoid), and pyrolle-2,4 - dicarboxylic acid - methyl ester from *Salacca edulis Reinw* variety Bongkok for antidiabetic agent
Leni Herliani Afrianti, Universitas Pasundan, Indonesia
Title: Assessment of apoptosis inducing potential and antitumor activity of the active fraction of *Bulbophyllum* sterile leaves
Sreedhara Ranganath Pai, Manipal University, India

Networking & Refreshments Break

Title: A preclinical profiling of a promising drug candidate for rheumatoid arthritis
Gopalan Kutty Nampurath, Manipal University, India
Title: Pharmacogenetics research in different disease models: Our experience in Brazilian population
Adalberto Rezende Santos, Oswaldo Cruz Institute, Brazil
Title: Formulation and In vitro-In vivo evaluation of Risperidone liposomes for brain targeting
Usha Y Nayak, Manipal University, India
Title: Systemic and spinal administration of FAAH, MAGL inhibitors and dual FAAH/MAGL inhibitors produce antipruritic effect in mice
Ozgur Yesilyurt, Mevki Military Hospital, Turkey
Title: Hepatoprotective and pharmacokinetic studies of Silymarin liposomes in alcohol and D-galactosamine induced toxic models
C Mallikarjuna Rao, Manipal University, India

Lunch Break

Title: Prenatal xenobiotic exposure and intrauterine hypothalamus-pituitary-adrenal axis programming alteration
Xu Dan, Wuhan University, China
Title: Pharmaceuticals, and other chemicals, effects in non-target aquatic species
Marta Ferreira, University of South Pacific, Fiji Islands;
CIIMAR - Centre for Marine Environmental Research, Portugal
Title: Distribution and biliary excretion of tetrodotoxin in the marine pufferfish Takifugu rubripes juvenile after an intramuscular administration
Takuya Matsumoto, Prefectural University of Hiroshima, Japan

Title: The central role of 5-HT7 receptors in the mechanism of clinically important analgesic drugs, endogenous pain inhibiton and visceral pain modulation

Ahmet Dogrul, Gulhane Academy of Medicine, Turkey

Title: Pharmacometrics in the translational pharmacology paradigm

Sujit Nair, Amrita Vishwa Vidyapeetham University, India

Workshop on

New drug development in Type-2 Diabetes Mellitus : Current and future trends – An overview

Vivek Lal, King Faisal University, KSA

Networking & Refreshments Break

Poster Presentations

Title: Bioequivalence of fixed-dose Repaglinide/Metformin combination tablet and equivalent doses of Repaglinide and Metformin tablet: A randomized, single-dose, two-Period, two-sequence crossover study in healthy Korean male volunteers

Yong-Bok Lee, Chonnam National University, Republic of South Korea

Title: Antimicrobial activities of *Cantareus (Helix) aspersa mucus*

Nantawan Soonklang, Thammasat University, Thailand

Title: Detection of hepatotoxic pyrrolizidine alkaloids in *Emilia sonchifolia* using liquid chromatography-electrospray ionization mass spectrometry

Ya-Chen Yang, Asia University, Taiwan

Title: Pharmacists perception, attitude and practice toward the management of gastroesophageal reflex disease (GRED) in Khartoum city Sudan

Alwaleed Mohammed Ahmed, Sudan

Title: *In-vitro* synergistic activity of Lysostaphin combined with Linezolid against Methicillin resistant staphylococcus aureus

Indira Bairy, Manipal University, India

Title: Simultaneous quantification of the 3 - perfluorinated compounds in rat plasma and tissues and its application to pharmacokinetics and tissue distribution

Hea-Young Cho, CHA University, Republic of South Korea

Title: Toxicity of nicotine replacement in patient with coronary artery disease

Mohammed Abdelhafiez Mohammed Alhassan, University of Khartoum, Sudan

Title: MicroRNA profiling in women with threaten preterm labor

Immaculate, University of Malaya, Malaysia

Title: Antitumor activity of lyophilized liposomal formulation OR-2011 on an experimental tumor model of Lewis lung carcinoma

Basel Albasseet, I.M. Sechenov First Moscow State Medical University, Moscow

Day 3 July 22, 2015

Quay 1 Level-I

Track 5: Pharmacoepidemology and Drug Safety
Track 11: Pharmacognosy, Phytochemistry and Pharmacological Screening
Track 10: Cardiovascular Pharmacology
Track 15: Clinical Trails and Guidelines for Clinical Research

Session Chair: Vivek Lal, King Faisal University, KSA

Session Co-chair: Hamiyet Unal, Erciyes University, Turkey

Session Introduction

Title: Constitutive activity in the angiotensin II type 1 receptor: Discovery and applications
Hamiyet Unal, Erciyes University, Turkey

Title: New complexes of inhaled furosemide and cyclodextrin: Assessment of the bronchodilator effect
Ramadan Ibrahim Al-Shdefat, Prince Sattam Bin Abdulaziz University, KSA

Title: HPTLC method for studies of phytochemicals from in vivo and in vitro developed plants of Pterocarpusmarsupium (Roxb.)
Illa C Patel, Hemchandracharya North Gujarat University, India

Networking & Refreshments Break

Title: Effect of combination vitamin E and single long-acting progesterone dose on enhancing pregnancy outcomes in the first two parities of young rabbit does
Anas A Salem, Assiut University, Egypt

Title: The antimicrobial activity of tea tree oil for decolonization of Methicillin- resistant staphylococcus aureus (MRSA)
Rainbow L P LEE, The Hong Kong Polytechnic University, China

Young Researchers Forum

Title: Protective effect of a sulfated polysaccharide isolated from the green seaweed *caulerpa racemosa* on temporomandibular joint hypernociception in rats
Natassia A Ribeiro, Federal University of Ceara, Brazil

Title: The protective effect of tea flavonoids on oxidative damage in peripheral blood-derived endothelial progenitor cells
Wahyu Widowati, Maranatha Christian University, Indonesia

Title: Pharmacokinetics of single intravenous bolus of sodium salicylate in sheep
Shashwati Ambatkar, Massey University, New Zealand

Title: A comparative approach for preparation and physicochemical characterization of Lecithin liposomes using chloroform and non-halogenated solvents
Sumaira Naeem, University of Malaya, Malaysia

Title: Factors associated with medicaion non adherence among ischemic heart disease patients in Malaysia: Focus on erectile dysfunction as an adverse effect of cardioprotective therapy
Ali Y Nori, Universiti Sains Malaysia, Malaysia

Title: Vascular Endothelial Dysfunction and Diabetic Nephropathy: Never Solves a Problem without Creating Dozens More
Atul Arya, Punjab Technical University, India

Award Ceremony

Lunch Break

conferenceseries.com

Scientific Program

3rd International Summit on
Toxicology & Applied Pharmacology

October 20-22, 2014 DoubleTree by Hilton Hotel Chicago-North Shore, USA



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Day 1 **October 20, 2014**

Registrations

Versailles - B

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Gerhard Eisenbrand
University of Kaiserslautern, Germany

Pavel Vodicka
Institute of Experimental Medicine, Academy of Sciences, Czech Republic

Anne Marie Vinggaard
Technical University of Denmark, Denmark

Keynote Symposium

10:15-11:00 **Title: Pluripotent stem cell models-Application in toxicology and beyond**
Carter Cliff, Cellular Dynamics International, USA

Group Photo

Coffee Break @ Versailles Foyer

Track 1: Clinical and Forensic Toxicology
Track 2: Systems Toxicology
Track 3: Mechanistic and Predictive Toxicology

Session Chair: Anne Marie Vinggaard, Technical University of Denmark, Denmark
Session Co-Chair: Arunabha Ray, University of Delhi, India

Session Introduction

Title: Decreased nuclear receptor activity mediates down-regulation of drug metabolizing enzymes in chronic kidney disease through epigenetic modulation
Bradley L Urquhart, Western University, Canada
Title: Underlying mechanisms indicative of autoimmunity in silica-exposed workers
Mary L S Queiroz, State University of Campinas, Brasil
Title: Updated and easier confirmation of drowning by detection of diatoms in trachea
Neelam Shrivastava, Medico Legal Institute, India
Title: Clinical and experimental studies on theophylline toxicity: In search for an antidote
Arunabha Ray, University of Delhi, India
Title: Influence of melatonin on arsenic mediated pancreatic damage in Swiss albino mice
Dimple Damore, Bhavan's Sheth R.A. College of Science, India
Title: Recent innovations in toxicology of nanomedicines with emphasis on RISUGadv
R K Singh, CSIR- Central Drug Research Institute, India

Panel Discussion

Lunch Break @ Monaco Grand Ballroom

Track 4: Pediatric Toxicology
Track 5: Toxicology and Applied Pharmacology

Session Chair: Hemant Misra, Prolong Pharmaceuticals, USA
Session Co-Chair: Sharda Shah Peshin, All India Institute of Medical Sciences, India

Session Introduction

Title: Designing clinical interference studies to address colorimetric assays
Hemant Misra, Prolong Pharmaceuticals, USA
Title: Echocardiography: A non invasive method for investigating preclinical drug toxicity and safety
Gilles Hanton, GH Toxconsulting, Belgium

Title: Electrochemistry meets enzymes: Investigation of the biotransformation pathway of C-1311 based on electrochemical simulation in comparison to *in vitro* methods
Agnieszka Potęga, Gdańsk University of Technology, Poland
Title: Veterinary pharmacovigilance survey conducted in Tamil Nadu state, India: A status report
Sarathchandra Ghadevaru, Tamil Nadu Veterinary and Animal Sciences University, India
Title: Small change, big difference: The discovery of drug candidate for anti-*Schistosomiasis japonicum*
De-Qun Sun, Shandong University, P.R. China
Title: Alpha-lipoic acid produces bone-protective effects via modulating Nox4/ROS/NF-κB and Wnt/Lrp5/β-catenin signaling pathways in H_2O_2-treated MC3T3-E1 cells and ovariectomy rats
Huijun Sun, Dalian Medical University, China

Coffee Break @ Versailles Foyer

Title: *In vivo* and *in vitro* metabolism of aspirin eugenol ester in dog by liquid chromatography tandem mass spectrometry
Jianyong Li, CAAS, P.R. China
Title: Cochlear cell death induced via cisplatin or gentamycin in combination with furosemide in rodents
Li Xia, Shanghai 6th People's Hospital, China
Title: Studies on anti-diabetic properties and determination of harmful constituent in some anti-diabetic herbal preparations available in Bangladesh
Begum Rokeya, BIRDEM, Bangladesh
Title: Toxicology studies and results for determining safety of a novel therapeutic dual carbon monoxide and oxygen delivery agent
Hemant Misra, Prolong Pharmaceuticals, USA
Title: Effect of combined administration of vitamins C and E on some renal functions indices of rats exposed to nitrocellulose thinner
Friday E Uboh, University of Calabar, Nigeria
Title: Toxicological study of new molecules in treating raw water to make it potable
Isaac Julius Asiedu-Gyekye, University of Ghana, Ghana
Title: Improvement of QT analysis for evaluating the proarrhythmic risk of drug: The importance of spatial and temporal dispersion of repolarisation
Gilles Hanton, GH Toxconsulting, Belgium
Title: Poisoning in children: A poisoning helpline experience
Sharda Shah Peshin, All India Institute of Medical Sciences, India
Title: The paradox of human equivalent dose formula: A canonical case study of piroxicam (feldene) in monogastric animals
Saganuwan Alhaji Saganuwan, University of Agriculture, Nigeria

Panel Discussion

Cocktails Sponsored by Journal of Clinical Toxicology @ **Athens**

Day 2 October 21, 2014

Versailles - B

Keynote Symposium

Session Introduction

Title: The Somatic Mutation and Recombination Test (SMART) in Drosophila melanogaster
Heres-Pulido M E, Universidad Nacional Autónoma de México, Mexico

Symposium on "Stress response in living organisms exposed to pollutants"

Title: How plants cope with abiotic stress
Cinzia Forni, University of Rome Tor Vergata, Italy
Title: Stress response in living organism and laboratory animals to pollutants
Hemant Misra, Prolong Pharmaceuticals, USA
Title: Environmental pollution, stress molecules and wildlife health
S S Hundal, Punjab Agricultural University, India

Coffee Break @ Versailles Foyer

Track 6: Application of Stem Cells in Toxicology
Track 7: Genetic Toxicology

Session Chair: Pavel Vodicka, Institute of Experimental Medicine, Academy of Sciences, Czech Republic
Session Co-Chair: Soon-Ha Kim, LG Life Sciences, Ltd., Korea

Session Introduction

Title: Mechanism of non-DNA targeted mutagenesis: The role of intra cellular nucleotide pool
Siamak Haghdoost, Stockholm University, Sweden
Title: Necrotic inflammation: A novel class of necrosis inhibitor NecroX-7 with therapeutic potential for necrosis-related diseases against ischemic reperfusion injury
Soon-Ha Kim, LG Life Sciences, Ltd., Korea
Title: Use of exfoliated buccal and nasal cells for the detection of acute and genotoxic effects caused by occupational and life-style exposures
Georg Wultsch, Medical University of Vienna, Austria

Title: Genotoxicity evaluation of zaeralenone with the wing spot test in Drosophila melanogaster
Heres-Pulido M E, Universidad Nacional Autónoma de México, Mexico
Title: Phenytoin induced toxic epidermal necrolysis
Osama M Al-Quteimat, King Abdullah Medical City, Saudi Arabia

Panel Discussion

Track 8: Risk Assessment of Chemicals in Food
Track 9: Environmental and Occupational Health
Track 10: Industrial and Metallic Toxicology

Session Chair: Cinzia Forni, University of Rome Tor Vergata, Italy
Session Co-Chair: S S Hundal, Punjab Agricultural University, India

Session Introduction

Title: Pollutants toxicity towards aquatic macrophytes
Cinzia Forni, University of Rome Tor Vergata, Italy
Title: Effect of the pendimethalin on rat uterine weight and gene expression of mRNAs encoding for different estrogen-regulated genes on rat uterus
U Undeger Bucurgat, Hacettepe University, Turkey

Poster Presentations @ Versailles Foyer

Lunch Break @ Monaco Grand Ballroom

Title: A new challenge: Assessment of metal prothesis intoxication
Frederic J Deschamps, University Hospital of Reims, France
Title: Inhibition of terrestrial snails' glutamate decaboxylase (GAD) by abamectin and emamectin benzoate
Elsayed A M Abdallah, Alexandria University, Egypt
Title: Immunotoxicity of acephate in white leghorn chickens: Effects on lymphocytes and the immune responses in a sub-chronic exposure study
Syamantak Mani Tripathi, Chhattisgarh Kamdhenu Vishwavidyalya, India

Coffee Break 16:10-16:30 @ Versailles Foyer

Title: Environmental contaminants and reproductive abnormalities–A perspective
S S Hundal, Punjab Agricultural University, India
Title: Surveillance of chloramphenicol residues in milk, eggs and chicken meat by LCMSMS
Sarathchandra Ghadevaru, Tamil Nadu Veterinary and Animal Sciences University, India
Title: GC-MS Analysis of leaf powder of Psychotria microphylla and its acute toxicity on Clarias giriepinus juveniles
Ibiam U A, Ebonyi State University, Nigeria
Title: Haematological indicators of exposure to petroleum products in petroleum refining and distribution industry workers in Nigeria
Tobias I Ndubuisi Ezejiofor, Federal University of Technology, Nigeria
Title: Occupational exposure to lead and risk of high frequencies hearing loss in adults
Masoumeh Ghiasvand, Iran University of Medical Sciences, Iran

Panel Discussion

Young Researchers Forum

Title: Comparison of the cytotoxic effects of silver sulfide quantum dot coated with 2-mercaptopropionic acid and meso-2,3-dimercaptosuccinic acid in V79 cells
Deniz Ozkan Vardar, Hitit University, Turkey
Title: Assessment of the litter size, birth weight and serum sex hormonal profile of rats orally exposed to crude oil
Saviour Ufot, University of Calabar, Nigeria
Title: Comparative air quality of petroleum depots and refueling stations atmospheric environments in Nigeria
Uduak O Luke, University of Calabar, Nigeria
Title: Genotoxic effects of exposure to sewage water in conservancy workers as assessed by comet test
Rajlaxmi Basu, Institute of Hematology and Transfusion Medicine, India
Title: Studies on the effects of dietary exposure of Moringa oleifera Lam. leaves on insulin metabolism in rabbits
Chinwe Christy Isitua, Universidad Tecnica de Machala, Ecuador

Cocktails Sponsored by Journal of Drug Metabolism & Toxicology @ **Athens**

Day 3 October 22, 2014

Track 11: Emerging *In-vitro* Models for the Toxicity Studies
Track 12: Developmental and Reproductive Toxicology
Track 13: Computational Toxicology

Session Chair: Pierre Eftekhari, Inoviem Scientific, France
Session Co-Chair: Alessandra Mezzelani, National Research Council, Italy

Session Introduction

Title: Cytokine storm potential of siRNA in human PBMCs and DCs
Travis Harrison, SRI International, USA
Title: New methodology for phenotyping P450 polymorphisms and susceptibility to environmental toxicants using humanized budding yeast
Michael Fasullo, State University of New York, USA
Title: Nematic protein organization technology: A powerful tool to track drugs toxicity and side effects already at early preclinical development
Pierre Eftekhari, Inoviem Scientific, France

Title: Sex-specific neurotoxicity as possible cause of regressive autism
Alessandra Mezzelani, National Research Council, Italy

Title: Reproductive toxicity of cyto-static drugs and pharmacological ways to reduce it
T G Borovskaya, The Goldberg Research Institute of Pharmacology, Russia

Coffee Break @ Versailles Foyer

Title: The protective effect of astaxanthin on fetal alcohol spectrum disorder in mice
Ying Peng, Sun Yat-Sen University, China
Title: The effects of veterinary growth stimulants from cattle feedlots in South Africa on reproductive and thyroid parameters in a rat model
Christiaan de Jager, University of Pretoria, South Africa
Title: c-Jun N-terminal kinase is upregulated in the hypospadiac penis of fetal rats induced by maternal exposure to di-(2-ethylhexyl) phthalate
Ming Yong Li, University of South China, China
Title: Easy and accurate conformation of early pregnancy during autopsy
Neelam Shrivastava, Medico Legal Institute, India
Title: *In vitro* biocompatibility assessment of dental composite usingconfocal time lapse imaging
Nina Attik, Lyon University, France

Panel Discussion

Track 14: Nanomaterials
Track 15: Particle and Fibre Toxicology
Track 16: Venomous Animals and Toxins
Track 17: Countersteps towards Toxicity

Session Chair: Lúcia Helena Faccioli, University of São Paulo, Brazil
Session Co-Chair: Amita Srivastava, All India Institute of Medical Sciences, India

Session Introduction

Title: *Tityus serrulatus* venom induces inflammation by mechanism dependent on lipid mediator release and lipid bodies' formation
Lúcia Helena Faccioli, University of São Paulo, Brazil
Title: Nanoparticle exposure assessment, dose metric and controls
Candace Su-Jung Tsai, Purdue University School of Health Science, USA

Lunch Break @ Athens

Title: Protective effect of vitamins A and E against diesel fuel-induced hepatotoxicity in rats
Friday E Uboh, University of Calabar, Nigeria
Title: Snake bite poisoning: A twelve years retrospective analysis of telephone calls reported to the National Poisons Information Centre, All India Institute of Medical Sciences
Amita Srivastava, All India Institute of Medical Sciences, India
Title: Assessment of ZnO and SiO_2 nanoparticle permeability through blood–brain barrier and their toxicity using Evans blue and TEM
Seong Soo A An, Gachon University, Republic of Korea
Title: Cell type- and size-dependent in vitro toxicity of silica particles in human skin cells
Claudia Moia, Cranfield University, UK
Title: Toxicity analysis of PbS nanoparticles using nano-sized vesicles (exosome) excreted from HEK293 cells
Eunjoo Kim, Daegu Gyeongbuk Institute of Science and Technology (DGIST), Republic of Korea

Panel Discussion

Coffee Break @ Versailles Foyer

Award Ceremony

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Day 1 October 07, 2013

Registrations

Opening Ceremony

Keynote Forum

Introduction

Bruce A. Fowler
ICF International, USA

John Pierce Wise
University of Southern Maine, USA

Wei Zheng
Purdue University School of Health Sciences, USA

Coffee Break @ Event Center

Nikolas P. Lemos
University of California, USA

Rajat Sethi
California Health Sciences University, USA

Track 1: Emerging Concepts in Toxicology
Track 2: Forensic Toxicology
Track 7: *In-vitro* and *In-vivo* Toxicology

Session Chair: Bruce A. Fowler, ICF International, USA

Session Co-Chair: Nikólas P. Lemós, University of California, USA

Session Introduction

Title: Application of Omics biomarkers for assessing cellular toxicity: Integration of *In vivo* and *In vitro* data
Bruce A. Fowler, ICF International, USA

Title: Cannabis in forensic toxicology: Poison or panacea?
Nikólas P. Lemós, University of California, USA

Title: Aldehyde Dehydrogenases as novel therapeutic targets for metabolic diseases and cancer stem cells
Vasilis Vasiliou, University of Colorado, USA

Title: Computer-aided search will help crime scene investigators to get quick answers for involved tires and cars
Friedrich Lux, Tire Global Information, Austria

Group Photo

Lunch Break @ Event Center

Title: Exploiting toxicity networks as the basis for reliable prediction without animal testing
Erwin L. Roggen, 3Rs Management and Consultancy, Denmark

Title: Chromosome instability induced by hexavalent chromium is a result of impaired DNA repair and mitotic disruption
Sandra S. Wise, University of Southern Maine, USA

Title: Pubertal assays in toxicology: Focus on reproductive function
Juliana Elaine Perobelli, Universidade do Sagrado Coracao, Brazil

Title: *In vitro* molecular hematopoietic assays as substitute of *In vivo* tests in regulatory toxicity study of drugs
R. K. Singh, CSIR-CDRI, India

Title: Toxicity evaluation using mouse bone marrow mesenchymal stem cells: A predictive model for *in vitro* studies
P. V. Mohanan, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India

Title: Factors affecting reproducibility of proteasomal inhibition following PSI systemic administration to experimental animals
Salma Bukhatwa, Benghazi University, Libya

Coffee Break @ Event Center

Title: Evaluation of the possible protective role of quercetin on letrozole-induced testicular injury in male albino rats
Manar E. Selim, King Saud University, Saudi Arabia

Title: Studies on the neurological effects of propionic acid alone and in combination with antioxidants/antibiotics in hamsters
N. J. Siddiqi, King Saud University, Saudi Arabia

Title: Ameliorative effect of quercetin and idebenone against oxidative stress, inflammation, DNA damage and apoptosis induced in rat livers after oral exposure to titanium dioxide nanoparticles
Laila M. Fadda, King Saud University, Saudi Arabia

Title: Effect of betaine supplementation on cisplatin-induced nephrotoxicity in experimental animals: Contribution of nuclear factor kappa and caspase-3
Hanan Hagar, King Saud University, Saudi Arabia

Title: Generation and use of genetically modified human cell lines: A promising approach for *in vitro* toxicology studies
Noritaka Adachi, Yokohama City University, Japan

Session to be continued on Day-2

Cocktails Sponsored by **Journal of Clinical Toxicology @ Event Center**

Day 2 October 08, 2013

Track 1: Emerging Concepts in Toxicology
Track 2: Forensic Toxicology
Track 7: *In-vitro* and *In-vivo* Toxicology

Session Chair: Bruce A. Fowler, ICF International, USA
Session Co-Chair: Nikólas P. Lemós, University of California, USA

Session Introduction

Title: Resveratrol prevents cypermethrin induced neurotoxicity in rat by increasing acetylcholine esterase activity
Rambir Singh, Bundelkhand University, India
Title: Dose dependent effect of deltamethrin on reproductive system impairment in Wistar rats
Poonam Sharma, Bundelkhand University, India
Title: Role of COX-2 gene in Idiopathic preterm birth with reference to organochlorine pesticides: A case control study
Neha Garg, University of Delhi, India

Track 3: Pharmaceutical Toxicology
Track 4: Regulatory Toxicology
Track 5: Analytical Toxicology

Session Chair: Gregory J. Feldman, Alliance Biomedical Group International, USA
Session Co-Chair: Deepa A. Rao, Pacific University, USA

Session Introduction

Title: Reactive airway dysfunction syndrome after inhalation of the acrylonitrile: Perspective of the pulmonologist
Gregory J. Feldman, Alliance Biomedical Group International, USA
Title: Mitigating Doxubicin induced cardiotoxicity using natural products
Deepa A. Rao, Pacific University, USA

Coffee Break @ Event Center

Title: Simulations of pharmacokinetics and pharmacodynamics in virtual populations to enhance understanding of toxicology in humans
Manoranjenni Chetty, Simcyp Limited, UK
Title: Toxicity of antiepileptic drugs; Toxic epidermal necrolysis in patient with phenytoin
Khalid Alquliti, Taibah University, Saudi Arabia
Title: Cochlear cell death induced via cisplatin or gentamycin in combination with furosemide in rodents
Li Xia, Shanghai Sixth People's Hospital, China
Title: Bilirubin enhances neuronal excitability by increasing glutamatergic transmission in the rat lateral superior olive
Chun-Yan Li, Affiliated Sixth People's Hospital of Shanghai Jiaotong University, China
Title: Haematotoxicological evaluation of denrimeric nanoformulation of doxorubicin
Pushpendra K. Tripathi, U.P. Technical University, India

Track 6: Medical and Clinical Toxicology
Track 8: Veterinary Toxicology

Session Chair: Rajat Sethi, California Health Sciences University, USA
Session Co-Chair: Feng Li, University of Kansas Medical Center, USA

Session Introduction

Title: Cardiac toxicity associated with chronic ozone inhalationmay be linked to caveolin mediated p38MAPK signaling
Rajat Sethi, California Health Sciences University, USA
Title: Metabolomics reveals the novel mechanism of drug toxicity
Feng Li, University of Kansas Medical Center, USA

Lunch Break @ Event Center

Title: Poisoning of moose (Alces alces) with natural toxins in Norway
Silvio Uhlig, Norwegian Veterinary Institute, Norway
Title: The use of minipig species in toxicology, added values and model limitations
Sofiene Mhedhbi, France
Title: The relationship between rhabdomyolysis and alcohol ingestion in elderly doxylamine intoxicated patients
Young Gwan Ko, Kyung Hee University, South Korea
Title: Neuropsychological toxicity in stress predicted through a primate model of dietary therapy with novel multimodal sensing systems and algorisms
Mamiko Koshiba, Saitama Medical University, Japan
Title: Developmental model of affective behavior concerning reduction-oxidation regulation in neonatal brain
Shun Nakamura, Tokyo University of Agriculture and Technology, Japan

Coffee Break@ Event Center

15:55-16:40 Poster Presentations @ Event Center

Track 9: Microbiology and Toxicology
Track 10: Entomotoxicology
Track 11: Occupational and Environmental Toxicology

Session Chair: Ajit K. Basak, Birkbeck College, UK
Session Co-Chair: Akhileshwari Nath, Mahavir Cancer Institute and Research Centre, India

Session Introduction

Title: Structural relationships between *Clostridium perfringens* Beta-Pore-forming toxins

Ajit K. Basak, Birkbeck College, UK

Title: The compatibility of Spindor dust with *Poecilia reticulata* for integrated mosquito larviciding

Joy Anogwih, University of Lagos, Nigeria

Title: Earthworm as bioindicator of soil pollution around Benghazi city, Libya

Maher Haeba, Benghazi University, Libya

Session to be continued on Day-3

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Day 3 October 09, 2013

Track 9: Microbiology and Toxicology
Track 10: Entomotoxicology
Track 11: Occupational and Environmental Toxicology

Session Chair: Ajit K. Basak, Birkbeck College, UK

Session Co-Chair: Akhileshwari Nath, Mahavir Cancer Institute and Research Centre, India

Session Introduction

Title: The persisted organic pesticides pollutant (POPs) in the Middle East Arab Countries

M. Jamal Hajjar, King Faisal University, Saudi Arabia

Title: Detergent "Prinso" poisoning in Sri Lanka

Waruna Gunathilake, National Hospital of Srilanka, Srilanka

Title: Toxicological & psychiatric profile of patients attempting suicide by consuming organophosphorus compounds brought to a tertiary care center in capital city of India

M. S. Bhatia, University College of Medical Sciences & GTB Hospital, India

Title: Toxicity due to arsenic in Gangetic-zone of Patna, India and its linkage with cancer

Akhileshwari Nath, Mahavir Cancer Institute and Research Centre, India

Coffee Break @ Event Center

Title: Foundy fumes exposure and chronic obstructive pulmonary disease

Frederic Jacques Deschamps, University Hospital of Reims, France

Title: Withdrawal from exposure reverses hematotoxicity and hepatotoxicity caused by oral exposure to nitrocellulose thinner in male rats

Friday E. Uboh, University of Calabar, Nigeria

Title: Vanadium and antimony compositions in some fertilizers commonly-used in Saudi Arabia

Okla S. Al-Horayess, King AbdulAziz City for Science and Technology, Saudi Arabia

Title: Co-relation between pesticidal toxicity and carcinogenic risk in women

Priyanka, Mahavir Cancer Sansthan, India

Track 12: Metallic Toxicology
Track 13: Countermeasure for Toxins

Session Chair: R. K. Singh, CSIR-CDRI, India

Session Co-Chair: Pushpendra K. Tripathi, U.P. Technical University, India

Session Introduction

Title: Physiological and histopathological responses to sublethal concentrations of copper in the teleost fish, *Anabas testudineus* (Bloch -1972)

S. Bijoy Nandan, Cochin University of Science and Technology, India

Title: Specific treatments for serious viper envenomation: Is there a place for plasmapheresis?

Chani Mohamed, Military Training Hospital, Morocco

Lunch Break @ Event Center

Title: Necrostatin-1 counteracts neuronal cell loss induced by aluminum

Qinli Zhang, Shanxi Medical University, China

Title: Manganese induced haematological and histopathological changes in *Oreochromis mossambicus* (Peters, 1852)

S. Bijoy Nandan, Cochin University of Science and Technology, India

Title: A ten year retrospective study of alleged poisoning deaths in capital of India

Aggarwal NK, UCMS and GTB Hospital, India

Title: Tetrahydrocurcumin potentially attenuates arsenic induced oxidative hepatic dysfunction in rats

M.Muthumani, Annamalai University, India

Coffee Break @ Event Center

Award Ceremony