

Scientific Program

World Congress on

Pharmacology

July 20-22, 2015 Brisbane, Australia



Pharmacology-2015

OMICS International Conferences:

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Quay 1 Level-I



09:00-09:25

Opening Ceremony

Keynote Forum

- 09:25-09:30 Introduction**
- 09:30-09:55 Grzegorz Sawicki**
University of Saskatchewan, Canada
- 09:55-10:20 CE Jansen van Rensburg**
University of Pretoria, South Africa

Networking & Refreshments Break 10:20-10:35

- 10:35-11:00 Sadashiva Karnik**
Cleveland Clinic, USA
- 11:00-11:25 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: Theoretical 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

- 11:25-11:45 Computational tools for fitting the hill equation to dose - response curves**
Sudhindra R Gadagkar, Midwestern University, USA
- 11:45-12:05 Neurotransmitter sensing by high temporal and spatial resolution**
Ahmet Hacimuftuoglu, Ataturk University, Turkey
- 12:05-12:25 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
- 12:25-12:45 Benzaldehyde suppresses murine allergic asthma and rhinitis**
Young Hyo Kim, Inha University College of Medicine, Republic of South Korea
- 12:45-13:05 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 13:05-13:45

Session Chair: Grzegorz Sawicki, University of Saskatchewan, Canada

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

- 13:45-14:05 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
- 14:05-14:25 Simultaneous subthreshold inhibition of MMP, MLCK and NOS activities protects cardiomyocytes from contractile dysfunction induced by hypoxia-reoxygenation**
Grzegorz Sawicki, University of Saskatchewan, Canada
- 14:25-14:45 The exogenous administration of CB2 specific agonist, GW405833, inhibits the inflammatory response by reducing cytokine production and oxidative stress**
Ali Parlar, Adiyaman Universitesi, Turkey

14:45-15:05	Metformin interaction with popular Indian herbal remedies, <i>Boswellia serrata</i> (Sallaki) and <i>Withania somnifera</i> (Ashwagandha) – PK/PD approach with insulin resistant rodent model Rekha R Shenoy, Manipal University, India
15:05-15:25	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 15:25-15:40

15:40-16:00	Synthesis and <i>in vitro</i> anticancer studies of novel coumarin substituted thiazolidin- 4- ones Alex Joseph, Manipal University, India
16:00-16:20	The effects of concomitant ginkgo intake on noise induced Hippocampus injury: Possible auditory clinical correlate Alaa Abousetta, Suez Canal University, Egypt
16:20-16:40	Nanoparticulate novel sunscreen creams: Development and evaluation Srinivas Mutalik, Manipal University, India
16:40-16:50	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

09:30-09:50	A toxicogenomic study of Carboplatin in <i>Saccharomyces cerevisiae</i> : The involvement of HuR and cullins in response to this antitumor drug Gisele Monteiro de Souza, University de Sao Paulo, Brazil
09:50-10:10	Plant biopolymers from <i>Boraginaceae</i> family species and their synthetic derivatives: Prospective pharmacological agents K Mulkijanyan, Tbilisi State Medical University, USA
10:10-10:30	Potent - glucosidase, - amylase, and - glucosidase inhibitor activity of ethanol extract, 3-hydroxystigmastan - 5(6) - en (terpenoid), and pyrrole-2,4 - dicarboxylic acid - methyl ester from <i>Salacca edulis</i> Reinw variety Bangkok for antidiabetic agent Leni Herliani Afrianti, Universitas Pasundan, Indonesia
10:30-10:50	Assessment of apoptosis inducing potential and antitumor activity of the active fraction of <i>Bulbophyllum</i> sterile leaves Sreedhara Ranganath Pai, Manipal University, India

Networking & Refreshments Break 10:50-11:05

11:05-11:25	A preclinical profiling of a promising drug candidate for rheumatoid arthritis Gopalan Kutty Nampurath, Manipal University, India
11:25-11:45	Pharmacogenetics research in different disease models: Our experience in Brazilian population Adalberto Rezende Santos, Oswaldo Cruz Institute, Brazil
11:45-12:05	Formulation and In vitro-In vivo evaluation of Risperidone liposomes for brain targeting Usha Y Nayak, Manipal University, India
12:05-12:25	Systemic and spinal administration of FAAH, MAGL inhibitors and dual FAAH/MAGL inhibitors produce antipruritic effect in mice Ozgur Yesilyurt, Mevki Military Hospital, Turkey
12:25-12:45	Hepatoprotective and pharmacokinetic studies of Silymarin liposomes in alcohol and D-galactosamine induced toxic models C Mallikarjuna Rao, Manipal University, India

Lunch Break 12:45-13:30

13:30-13:50	Prenatal xenobiotic exposure and intrauterine hypothalamus-pituitary-adrenal axis programming alteration Xu Dan, Wuhan University, China
13:50-14:10	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

14:10-14:30	Distribution and biliary excretion of tetrodotoxin in the marine pufferfish <i>Takifugu rubripes</i> juvenile after an intramuscular administration Takuya Matsumoto , Prefectural University of Hiroshima, Japan
14:30-14:50	The central role of 5-HT₇ receptors in the mechanism of clinically important analgesic drugs, endogenous pain inhibitor and visceral pain modulation Ahmet Dogrul , Gulhane Academy of Medicine, Turkey
14:50-15:10	Pharmacometrics in the translational pharmacology paradigm Sujit Nair , Amrita Vishwa Vidyapeetham University, India
15:10-15:50	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 15:50-16:00

Day 3 July 22, 2015

Quay 1 Level-I

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

Session Chair: Vivek Lal, King Faisal University, KSA

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

Session Introduction

10:00-10:20	Constitutive activity in the angiotensin II type 1 receptor: Discovery and applications Hamiyet Unal , Erciyes University, Turkey
10:20-10:40	New complexes of inhaled furosemide and cyclodextrin: Assessment of the bronchodilator effect Ramadan Ibrahim Al-Shdefat , Prince Sattam Bin Abdulaziz University, KSA
10:40-11:00	HPTLC method for studies of phytochemicals from in vivo and in vitro developed plants of <i>Pterocarpus marsupium</i> (Roxb.) Illa C Patel , Hemchandracharya North Gujarat University, India

Networking & Refreshments Break 11:00-11:15

11:15-11:35	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
11:35-11:55	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

11:55-12:15	Protective effect of a sulfated polysaccharide isolated from the green seaweed <i>caulerpa racemosa</i> on temporomandibular joint hypernociception in rats Natassia A Ribeiro , Federal University of Ceara, Brazil
12:15-12:25	The protective effect of tea flavonoids on oxidative damage in peripheral blood-derived endothelial progenitor cells Wahyu Widowati , Maranatha Christian University, Indonesia
12:25-12:35	Pharmacokinetics of single intravenous bolus of sodium salicylate in sheep Shashwati Ambatkar , Massey University, New Zealand
12:35-12:45	A comparative approach for preparation and physicochemical characterization of Lecithin liposomes using chloroform and non-halogenated solvents Sumaira Naeem , University of Malaya, Malaysia
12:45-12:55	Factors associated with medication 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
12:55-13:05	Vascular Endothelial Dysfunction and Diabetic Nephropathy: Never Solves a Problem without Creating Dozens More Atul Arya , Punjab Technical University, India

Award Ceremony

Lunch Break 13:05-14:00