

Scientific Program

World Congress on

Pharmacology

July 20-22, 2015 Brisbane, Australia



Pharmacology-2015

UK: Conference Series llc LTD

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Day 1 July 20, 2015

Registrations

Quay 1 Level-I

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: 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

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: 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 pyrrol-2,4 - dicarboxylic acid - methyl ester from *Salacca edulis* Reinw variety Bangkok 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 inhibitor 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 reflux 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: Pharmacoepidemiology 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 *Pterocarpus marsupium* (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 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

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