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3rd World Congress on

Pharmacology

August 08-10, 2016 Birmingham, UK

Scientific Program



Brunel Suite

conference**series.com** 10:00-10:30

Opening Ceremony

Keynote Forum

10:30-10:35 Introduction

10:35-11:15

Title: Medicinal applications of fulvic acid

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

Networking and Refreshment Break 11:15-11:30 @ Albany Foyer

11:30-12:10

Title: Biologically active compounds of plant origin and their synthetic derivatives: prospective therapeutic agents

Karen Mulkijanyan, Tbilisi State Medical University, Georgia

Group Photo @ 12:10-12:20

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

12:20-12:40 **Title: Safflower oil: An integrated assessment of phytochemistry, antiulcerogenic activity, and rodent and environmental toxicity**

Walber Toma, Santa Cecilia University, Brazil

12:40-13:00 **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 13:00-13:50 @ Albany Foyer

13:50-14:10 **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

14:10-14:30 **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

14:30-14:50 **Title: New dimensional role of circulatory microRNAs in acute myocardial infarction**

Ali Sheikh Md Sayed, Central South University, China

14:50-15:10 **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

15:10-15:30 **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

15:30-15:50 **Title: Comparative studies on antiulcer activity of traditional plant sources- A select study**

P Brindha, SASTRA University, India

15:50-16:10 **Title: Study of renal and cytotoxic effects induced by *Bothrops pauloensis* venom**

Aline Diogo Marinho, Federal University of Ceara, Brazil

Networking and Refreshment Break 16:10-16:25 @ Albany Foyer

- 16:25-16:45** **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
- 16:45-17:05** **Title: Sulforaphane prevents cholinergic deficits and cognitive impairment in mice**
Jiyoung Kim, Seoul National University, Korea (South)
- 17:05-17:25** **Title: Antimicrobial anthrones from the leaves latex of *Aloe sinana*, Reynold**
Genet Minale, Ambo University, Ethiopia
- 17:25-17:45** **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 University 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 Mulkiyanyan, Tbilisi State Medical University, Georgia

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

Session Introduction

- 10:00-10:20** **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
- 10:20-10:40** **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
- 10:40-11:00** **Title: MicroRNA-9 induces defective trafficking of Nav1.1 and Nav1.2 by targeting Nav β 2 protein coding region in rat with chronic brain hypoperfusion**
Lihua Sun, Harbin Medical University, China

Networking and Refreshment Break 11:00-11:15 @ Albany Foyer

- 11:15-11:35** **Title: Cardiac over-expression of microRNA-1 induces impairment of cognition in mice**
Jing Ai, Harbin Medical University, China
- 11:35-11:55** **Title: Levetiracetam and cognition in sporadic dementia of Alzheimer's type in rats**
Cherine Adel Ismail, Alexandria University School of Medicine, Egypt
- 11:55-12:15** **Title: The critical role of mast cell-derived hypoxia-inducible factor-1 α in colon cancer infiltrated with mast cell**
Xin Liang, East China University of Science and Technology, PR China
- 12:15-12:35** **Title: miR-297 modulates multidrug resistance in human colorectal carcinoma by down-regulating MRP-2**
Ke Xu, Shanghai University of Traditional Chinese Medicine, PR China
- 12:35-12:55** **Title: Biochemical and physiological studies of ischemia reperfusion in (doca)-salt hypertensive rat heart**
Flory Revnic, NIGG "Ana Aslan", Romania

Lunch Break 12:55-13:45 @ Albany Foyer

Poster Presentations @ 13:45-14:45

- 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-alloxyptopine**
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

- 14:45-15:00** **Title: Protective effect of *Hypericum triquetrifolium* Turra on Cyclophosphamide-induced hepatotoxicity in rat**
Songul Cetik, Mardin Artuklu University, Turkey
- 15:00-15:15** **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
- 15:15-15:30** **Title: Ecotoxicological evaluation and occurrence of losartan potassium and valsartan in a Brazilian coastal zone**
Luciana Lopes Guimaraes, Santa Cecilia University, Brazil
- 15:30-15:45** **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 15:45-16:00 @ Albany Foyer

- 16:00-16:15** **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
- 16:15-16:30** **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
- 16:30-16:45** **Title: Development of Wound Healing Ointment on the Basis of Natural Biopolymer**
Sopio Gokadze, Tbilisi State Medical University, Georgia
- 16:45-17:00** **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