

478th Conference

Scientific Program

2nd International Conference and Exhibition on

Pharmacology and Ethnopharmacology

May 02-04, 2016 Chicago, USA



Conference Series LLC

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Keynote Forum

- 09:55-10:00 **Introduction**
- 10:00-10:30 ***Asphodolus* spp.: History and current use for the treatment of psoriasis for the development and validation of an herb used for over a millennium**
David H Kinder, Ohio Northern University College of Pharmacy, USA
- 10:30-11:00 **Anti-aging genes improve NAFLD and Type 3 diabetes in Global populations**
Ian James Martins, Edith Cowan University, Australia

Networking Break 11:00-11:20 @ Foyer

- 11:20-11:50 **Old remedies for new valorizations: A cross-cultural, phytochemical, pharmacological study**
Mohammed Hmamouchi, President of the Arab Federation Aromatic and Medicinal Plants, Morocco

Session Introduction

Track 1: Pharmacology

Track 4: Phytochemical Studies of Plants and Plant Extracts

Session Chair: David H Kinder, Ohio Northern University College of Pharmacy, USA

Session Chair: Esperanza Carcache de Blanco, The Ohio State University, USA

- 11:50-12:10 **Title: Mullein extract antibiosis confirms ethnobotanical use for respiratory infections**
Vicki A Motz, Ohio Northern University, USA
- 12:10-12:30 **Title: Anti-protozoal efficacy of 3-Deoxyanthocyanidins-rich fractionated extracts from *Sorghum bicolor***
William Witola, University of Illinois at Urbana-Champaign, USA
- 12:30-12:50 **Title: Studies of selected ethnomedicinally used plants to confirm potential health benefits**
Esperanza Carcache de Blanco, The Ohio State University, USA

Lunch Break 12:50-13:40 @ Athens

- 13:40-14:00 **Title: Metabolic profiling and DNA barcoding of the Mexican anxiolytic and sedative plant *Galphimia glauca***
Ashutosh Sharma, Monterrey Institute of Technology and Higher Education, Mexico
- 14:00-14:20 **Title: High throughput screening and characterization of the mode-of-action of natural products**
Girma M Woldemichael, Leidos Biomedical Research, Inc., USA
- 14:20-14:40 **Title: Anticancer effect of coptis: Destination of its two thousand years journey?**
Yibin Feng, The University of Hong Kong, Hong Kong
- 14:40-15:00 **Title: *Terminalia catappa* L.: A medicinal plant from the Caribbean pharmacopeia with anti-Helicobacter pylori and antiulcer action in experimental rodent models**
Walber Toma, São Camilo University School of Pharmacy, Brazil
- 15:00-15:20 **Title: Anticonvulsant effects of ethanol stem bark extract of *Lannea barteri* (Anacardiaceae) in mice and chicks**
Kamaluddeen Garba, Bayero University, Nigeria
- 15:20-15:40 **Title: Antisickling and toxicological evaluation of the leaves of *Scoparia dulcis* Linn (Scrophulariaceae)**
Tavs Atavwoda Abere, University of Benin, Nigeria

Networking Break 15:40-16:00 @ Foyer

- 16:00-16:20 **Title: The impact of Rhizoma Chuanxiong in fetal bone development**
Xu Min, Hong Kong Baptist University, Hong Kong
- 16:20-16:40 **Title: Anti-methicillin resistant *Staphylococcus aureus* (MRSA) flavonoids from *Populus balsamifera* buds and preliminary determination of structure-activity relationships**
Francois Simard, Université du Québec à Chicoutimi, Canada
- 16:40-17:00 **Title: *Coptis chinensis* inflorescence –derived from a kind of potential edible and medicinal plant with multiple functions**
Bingxin Ma, Wuhan University, China
- 17:00-17:20 **Title: Phytoceuticals: A new era in ethnopharmacology**
Andallu Bondada, Sri Sathya Sai Institute of Higher Learning, India

Panel Discussion

Keynote Forum

- 09:30-10:00 **Title: Drug discovery from chinese medicines: Update and prospect**
Yibin Feng, The University of Hong Kong, Hong Kong
- 10:00-10:30 **Exploring for bioactive secondary metabolites from the Chinese medicinal mangroves**
Yue-Wei Guo, Shanghai Institute of Materia Medica, China

Networking Break 10:30-10:50 @ Foyer

General Session

- Track 3: Latest Trends in Ethnopharmacology
Track 7: Natural Products in Clinical Pharmacology
Track 8: Traditional Herbals in Treatment of Cancer
Track 13: Cardiovascular Pharmacology

Session Chair: Yibin Feng, The University of Hong Kong, Hong Kong

Session Chair: Beshay Zordoky, University of Minnesota, USA

- 10:50-11:10 **Title: Sex-related differences in Doxorubicin-induced cardiotoxicity**
Beshay Zordoky, University of Minnesota, USA
- 11:10-11:30 **Title: Sitagliptin alleviated myocardial remodeling of left ventricle and improved cardiac diastolic dysfunction in diabetic rats**
Yu-Sheng Liu, The Second Hospital of Shandong University, China
- 11:30-11:50 **Title: Identifying Chinese herbal medicine for menstrual disorder: Implications from a nationwide database**
Hsing-Yu Chen, Traditional Chinese Medicine, Taiwan
- 11:50-12:10 **Title: Identifying Chinese herbal medicine for urticaria: From a nationwide database to the clinical trial**
Yi-Hsuan Lin, Traditional Chinese Medicine, Taiwan
- 12:10-12:30 **Title: Sensibility of male rats fertility against olive oil, Nigella sativa oil and pomegranate extract**
Sherif Wagih Mansour, Zagazig University School of Medicine, Egypt
- 12:30-12:50 **Title: Treatment of goat mastitis experimentally induced by Staphylococcus aureus using a formulation containing Hymenaea martiana extract**
Rodolfo de Moraes Peixoto, Federal Institute of Education, Brazil

Lunch Break 12:50-13:40 @ Athens

- 13:40-14:00 **Title: Molecular and Phytochemical fingerprinting of anti cancer drug yielding plants in south India**
Alexis John De Britto, Manonmaniam Sundaranar University, India
- 14:00-14:20 **Title: Antihypertensive effects and potential vascular mechanisms of the extract and fractions of Eruca sativa and Euricin**
Abdul Jabbar Shah, COMSATS Institute of Information Technology, Pakistan
- 14:20-14:40 **Title: Surface thermodynamics approach to mycobacterium tuberculosis (M-TB) – human sputum interactions**
Lawal Ejiwunmi Shehu, Oshodi/isolo Local Government, Nigeria
- 14:40-15:00 **Title: The typical characteristics and compositions of solvent system in application of maceration technology to isolate antioxidative activated extract of natural products**
Yohanes Buang, Nusa Cendana University, Indonesia
- 15:00-15:20 **Title: In vitro α -amylase inhibitory activity and in vivo hypoglycemic effect of ethanol extract and its chloroform and pet ether fraction of Phrynium imbricatum (Roxb.) leave with AUC during OGTT**
Mohammad Shah Hafez Kabir, International Islamic University Chittagong, Bangladesh
- 15:20-15:40 **Title: Hydroethanolic extract of Pyrostegia venusta (Ker Gawl.) Miers flowers improves inflammatory and metabolic dysfunction induced by high-refined carbohydrate diet**
Andrea C Perez, Federal University of Minas Gerais, Brazil
- 15:40-16:00 **Title: E-BaMiF- ethnopharmacology of balkan peninsula – myths and facts**
Biljana Božin, University of Novi Sad, Yugoslavia

Networking Break 16:00-16:15 @ Foyer

Young Researchers Forum

- 16:15-16:30 **Title: Regucalcin protects HepG2 cells from Doxorubicin-induced apoptosis and autophagy**
Noor Mohammed, University of Birmingham School of Biosciences, UK
- 16:30-16:45 **Title: Dirchromones and dircoxepines, a new group of cytotoxic organic sulfur compounds from Dirca palustris (Thymelaeaceae)**
Alexis St-Gelais, Université du Québec à Chicoutimi, Canada

- 16:45-17:00 **Title: New trypanocides from Nigerian medicinal plants as leads for drug development against human African trypanosomiasis**
Godwin U Ebiloma, University of Glasgow, UK
- 17:00-17:15 **Title: Validated HPTLC method for quantification of luteolin and apigenin in *Premna mucronata* Roxb., Verbenaceae**
Nayan G Patel, Dharmasinh Desai University, India
- 17:15-17:30 **Title: Knowledge and practices of pharmaceutical waste management among community pharmacists in Lagos Metropolis**
Chinwe Nwakaego DIKE, College of Medicine University of Lagos, Nigeria

Poster Presentations 17:00-18:00 @ Athens

- PEP001 **Title: Influence of some herbal extracts on the occupational lung disease**
Melania F Munteanu, Vasile Goldis Western University, Romania
- PEP002 **Title: Possible ameliorative effects of melatonin and/or Silymarin against the toxic isouramil favism factor**
Mohamed M Amin, National Research Centre, Egypt
- PEP003 **Title: A biochemical and histo-morphometric study of the potential anabolic and anti-resorptive effects of methionine amino acid on ovariectomy induced osteoporosis in rats**
Nagwa Mahmoud Nour Eldin, Alexandria University, Egypt
- PEP004 **Title: Assessment of antibiotic resistance-dissemination from MDR E. coli to rat's microbiota by Matrix Assisted Laser Desorption Ionization Time of Flight Mass Spectrophotometry (MALDI TOF-MS)**
Aymn Tallat Abbas, King Abdulaziz University, KSA
- PEP005 **Title: Antibacterial activities of medicinal plants used in Mexican traditional medicine**
Ashutosh Sharma, Monterrey Institute of Technology and Higher Education, Mexico
- PEP006 **Title: An Improved micropropagation method for *In-Vitro* and *Ex-Vitro* rooting of Mexican anxiolytic plant *falphimia glauca***
Rubi Anel Orbe Briones, Monterrey Institute of Technology and Higher Education, Mexico
- PEP007 **Title: Induction of apoptosis in human colon cancer cells by isorhamnetin glycosides from *Opuntia ficus-indica***
Annia Hernández-Reyes, Monterrey Institute of Technology and Higher Education, Mexico
- PEP008 **Title: *Boswellia Serrata* and *Ocimum Sanctum* Extracts reduce inflammation in an ova induced asthma model**
Sheila Michelle Wicks, University of Illinois, USA
- PEP009 **Title: *Allium sativum* as anticancer agent in the cell line HepG2**
Rocio Rubio Lopez, Monterrey Institute of Technology and Higher Education, Mexico
- PEP010 **Title: Analgesic activity and phytochemical screening of *bougainvillea xbuttiana* ethanolic extract**
Rigoberto Villanueva Guerrero, Universidad Autónoma del Estado de Morelos, México
- PEP011 **Title: Phyto-chemical profiling and in vitro anti-arthritic activity of marine red algae *Gelidiella acerosa***
Vuyyuru Praveen kumar Reddy, Sri Ramachandera University, India
- PEP012 **Title: Study of tolerance to the anti-nociceptive activity of dihydroxy flavones on swiss albino mice**
Edwin Rajkumar, Sri Ramachandera University, India
- PEP013 **Title: Effect of extraction conditions on total phenols contents and flavonoids, and cytotoxic activity of *Bougainvillea xbuttiana***
Rodolfo Abarca-Vargas, Universidad Autónoma del Estado de Morelos, Mexico
- PEP014 **Title: Mechanisms of cytotoxic effects of *Cymbopogon citratus* essential oils**
Mamello MP Sekhoacha, University of the Free State, South Africa
- PEP015 **Title: Donepezil: As a pharmacological key drug In declining progression of Alzheimer's disease**
Samreen Ahmed, University of Illinois at Chicago, USA
- PEP016 **Title: Evaluation of the cytotoxicity of Ruthenium (II) Phthalocyanine complex in a melanoma cell Line in liposomal delivery system compared to complex free**
Juliana Alves Uzuelli, University of São Paulo (USP), Brazil
- PEP017 **Title: PEO-DV-Peppermint Essential Oil – an Alternative Drug for Vaginal Infections**
Mirjana Bogavac, University of Novi Sad, Yugoslavia

Panel Discussion

Day 3 May 04, 2016

Zurich

Session Introduction

Track 2: Pharmacokinetics and Pharmacodynamics
Track 5: Ecological Characteristics of Ethnobotanical Sources
Track 6: Phytochemistry and Phytopharmaceuticals

Track 9: Ethnopharmacology of Medicinal Plants
Track 11: Emerging Technology in Natural Product Drug Development
Track 12: Neuropharmacology

Session Chair: Ian James Martins, Edith Cowan University, Australia

Session Chair: Shrinivas Bumrela, Sinhgad Institute of Pharmaceutical Sciences, India

09:30-09:50 Title: *Dipteranthus patulus* (Jacq) nees: Phytochemical and biological profile

Shrinivas Bumrela, Sinhgad Institute of Pharmaceutical Sciences, India

09:50-10:10 Title: Nutritional interventions assist in drug therapy and the treatment of Insulin resistance and Alzheimer's disease

Ian James Martins, Edith Cowan University, Australia

10:10-10:30 Title: The Antibacterial activities of some plant derived triterpenes

Dambudzo Penduka, University of Zululand, South Africa

10:30-10:50 Use of the medicinal synthetic aluminum-magnesium silicate to enhance efficacy of antimicrobials, for prevention and treatment of resistant infections

Maduike C O Ezeibe, Michael Okpara University of Agriculture, Nigeria

Networking Break 10:50-11:10 @ Foyer

11:10-11:30 Title: Influence of menstrual cycle on the pharmacokinetics of Antibiotics

Sandhya Rani Guggilla, Kakatiya University, India

Young Researchers Forum

11:30-11:45 Title: Synthesis and screening of new indole derivatives as anticonvulsant agents

Konda Swathi, Kakatiya University, India

11:45-12:00 Title: Quantitative Ethno-Botanical analysis of traditionally used endemic medicinal plants of Alpine and Sub-alpine region of Northern Pakistan

Sadaf Kayani, Quaid-i-Azam University, Pakistan

12:00-12:15 Preliminary phytochemical analysis, total phenolics and antioxidant activity of selected species of the genus *Tulbaghia*

Samkeliso Takaidza, Vaal University of Technology, South Africa

12:15-12:30 Title: Anticancer effect of *ficus pumila* parts on human leukemic cell lines

Samuel Eguasi Inkabi, Linköping University, Sweden

12:30-12:45 Title: The effect of *Eucomis autumnalis* on bone formation markers in vitro

Nolutho Mkhumbeni, Vaal University of Technology, South Africa

12:45-13:00 Title: Traditional uses of medicinal plants against cancer by indigenous people of Azad Kashmir

Maryam Akram Butt, Quaid-i-Azam University, Pakistan

Lunch Break 13:00-14:00 @ Athens

B2B Meetings & Award Ceremony

Closing Ceremony

Bookmark your dates

5th International Conference and Exhibition on

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March 27-29, 2017 Orlando, USA

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