

478th Conference

Scientific Program

2nd International Conference and Exhibition on

Pharmacology and Ethnopharmacology

May 02-04, 2016 Chicago, USA



Conference Series LLC

2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

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

Keynote Forum

09:55-10:00 Introduction

10:00-10:30 **Asphodelus 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** Title: **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 <i>Premna mucronata</i> Roxb., Verbenaceae Nayan G Patel, Dharmsinh 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 <i>In-Vitro</i> and <i>Ex-Vitro</i> rooting of Mexican anxiolytic plant <i>falphimia glauca</i> 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 <i>Opuntia ficus-indica</i> Annia Hernández-Reyes, Monterrey Institute of Technology and Higher Education, Mexico
PEP008	Title: <i>Boswellia Serrata</i> and <i>Ocimum Sanctum</i> Extracts reduce inflammation in an ova induced asthma model Sheila Michelle Wicks, University of Illinois, USA
PEP009	Title: <i>Allium sativum</i> 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 <i>bougainvillea xbuttiana</i> ethanolic extract Rigoberto Villanueva Guerrero, Universidad Autónoma del Estado de Morelos, México
PEP011	Title: Phyto-chemical profiling and in vitro anti-arthritis activity of marine red algae <i>Gelidiella acerosa</i> 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 <i>Bougainvillea xbuttiana</i> Rodolfo Abarca-Vargas, Universidad Autónoma del Estado de Morelos, Mexico
PEP014	Title: Mechanisms of cytotoxic effects of <i>Cymbopogon citratus</i> 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: *Dipterocanthus 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

Maduiké 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 *figus 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

Pharmacology and Ethnopharmacology

March 27-29, 2017 Orlando, USA

E-mail: ethnopharmacology@conferenceseries.net

Website: ethnopharmacology@pharmaceuticalconferences.com

Conference Series

2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
contact@conferenceseries.com

Conference Series

5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
america@conferenceseries.com

Conference Series

SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HiTec City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
asia@conferenceseries.com

Toll free

USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048