

Scientific Program

3rd International Conference and Exhibition on

Pharmacognosy, Phytochemistry & Natural Products

October 26-28, 2015 HICC, Hyderabad, India



OMICS International Conferences:

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Scientific Program

Day 1 October 26, 2015

08:30-09:30 Registrations

Hall-5



09:30-10:00

Opening Ceremony

Keynote Forum

- 10:00-10:05 **Introduction**
- 10:05-10:30 **Chandrakant Kokate**
KLE University, India
- 10:30-10:55 **Dieter Bromme**
The University of British Columbia, Canada

Networking & Refreshments Break 10:55-11:10 @ Hall-6

- 11:10-11:35 **Xulin Chen**
Wuhan Institute of Virology, China
- 11:35-12:00 **Umesh K Patil**
Dr H S Gour Central University, India

Track 2: Analytical Techniques in Phytochemistry

Track 3&11: Herbal Drugs & Formulations, Herbal System of Medicines

Track 4&9: Drugs from Natural Sources, Natural Products of Medicinal Interest

Track 10&12: Crude Drugs & Plant Products, Plant Biotechnology & Tissue Culture

Session Chair: Chandrakant Kokate, KLE University, India

Session Chair: Dieter Bromme, The University of British Columbia, Canada

Session Introduction

- 12:00-12:20 **Phytochemical studies of selected South African medicinal plants**
Wilfred Thozamile Mabusela, University of the Western Cape, South Africa
- 12:20-12:40 **Sphaeranthus indicus- As natural immunomodulator**
Sneha Anarthe, Osmania University, India
- 12:40-13:00 **Optimization of the extraction process for quality control of essential oils obtained from the fruit of Pterodon emarginatus (Fabaceae) occurrent on Brazilian Savana**
Vila Verde G M, State University of Goias, Brazil

Lunch Break 13:00-13:30 @ Hall-6

- 13:30-13:50 **Ayurvedic bioenhancers: A classical and contemporary review**
Sathyanarayana B, Muniyal Institute of Ayurveda Medical Sciences, India
- 13:50-14:10 **Anthocyanin rich extract from red cabbage (Brassica oleracea) reduces oxidative stress and prevents apoptosis in stressed rat cardiomyocytes**
Ranjitsinh Devkar, The M S University of Baroda, India
- 14:10-14:30 **Anticancer potential of Dillenia indica and Dillenia pentagyna plants and its correlation with presence of active phytoconstituent**
Dipal Gandhi, Nirma University, India
- 14:30-14:50 **Anti-osteoporotic cathepsin K inhibitors from Salvia miltiorrhiza**
Preety Panwar, University of British Columbia, Canada
- 14:50-15:10 **Preparation of stable & potentized gomutra formulation "Gomutra plus capsule" w.r.t conventional forms of gomutra**
Sandip Mali, Pitambari Products Pvt Ltd., India
- 15:10-15:30 **In-vitro studies on Achyranthes coynei Santapau. for micropropagation**
Pramod Hurkadale, KLE University, India
- 15:30-15:50 **Curcumin prolongs graft survival in mouse corneal allografts**
Radhakrishna G Pillai, University of Calicut, India
- 15:50-16:10 **Chemical constituents of the leaves of Ficus nitida and their antimicrobial activity**
Hassan Abdalla Almahy Dafalla, Taif University, KSA

Networking & Refreshments Break 16:10-16:25 @ Hall-6

Symposium

- 16:25-16:45 **Complex cyclic oligopeptides: Synthesis and biological properties**
Rajiv Dahiya, Association of Pharmacy Professionals (APP), India
- 16:45-17:05 **Traditional medicine (Ayurveda): Inspired approaches to drug discovery**
Suresh V Chennupati, Mother Teresa Pharmacy College, India
- 17:05-17:25 **Nano formulations of Bioactive Natural Products for the treatment of cancer**
Muralidhar Rao Akkaladevi, Maheshwara Institute of Pharmacy, India

Young Researchers Forum

- 17:25-17:40 **Isolation, purification, characterization of natural products from marine Pseudomonas sps**
Srinu Meesala, IISER, India

- 17:40-17:55 **Role of analytical, in silico and imaging tools in characterisation and activity studies of ajoene from garlic bulbs against biofilms of *P. Aeruginosa***
Anitha Vadekeetil, Panjab University, India
- 17:55-18:10 **Milk thistle's: A boon for multiple therapy**
Heena D Mehta, Dadasaheb Balpande College of Pharmacy, India
- 18:10-18:25 **Physico-chemical properties of ethno-medicinal plant *Hygrophila auriculata* and *Paederia foetida* leaves grown in herbal kitchen garden**
Swastika Maity, Manipal College of Pharmaceutical Sciences, India
- 18:25-18:40 **A simple RP-HPLC Method development and validation for the simultaneous determination of vitexin and isovitexin present in Mung bean (*Vigna radiata* L.)"**
Maninder Meenu, AcSIR, India
- 18:40-18:55 **pharmacognostic and physicochemical studies of the roots of *stereospermum suaveolens***
K Sai Sruthi, Sri Padmavathi Mahila Visvavidyalayam, India

Panel Discussion

Day 2 October 27, 2015

Hall-5

Keynote Forum

- 09:00-09:25 **M J Nanjan**
JSS College of Pharmacy, India
- 09:25-09:50 **KN Sunil Kumar**
SDM Centre for Reaearch in Ayurveda and Allied Sciences, India

Track 1: Advanced Trends for the Future of Herbal Drugs and its Products

Track 5: Toxicology Studies of Plant Products

Track 6: Ethnopharmacology

Track 7,8: Phytochemistry and Phytoconstituents & Industrial Pharmacognosy

Session Chair: Wilfred Thozamile Mabusela, University of the Western Cape, South Africa

Session Chair: Gilberto Lucio Benedito de Aquino, State University of Goias, Brazil

Session Introduction

- 09:50-10:10 **Antifertility activity of *Bambusa vulgaris* aqueous leaf extracts in male wistar rats**
Gideon O Alade, Niger Delta University, Nigeria
- 10:10-10:30 **Therapeutic efficacy of trigonelline-based standardized extract of fenugreek seeds on Levodopa induced dyskinesia in 6-OHDA lesioned rat model of Parkinson's disease**
Prasad Thakurdesai, Indus Biotech Private Limited, India
- 10:30-10:50 **Polarographic study of meta-hydroxy acetanilide and its determination**
Swaroop Rani N Gupta, Brijlal Biyani Science College, India

Networking & Refreshments Break 10:50-11:05 @ Hall-6

- 11:05-11:25 **Studies on phytochemical analysis, proximate analysis and antioxidant activity of *Cucumis melo* seed extract**
B Janarthanam, Poonga Biotech Research Centre, India
- 11:25-11:45 **Phytochemical investigation of *Cadaba natalensis* roots**
Juliao A Monjane, Eduardo Mondlane University, Mozambique
- 11:45-12:05 **Natural polymer based novel micro porous soft hydrogel system: A potential viscosupplementation for biomedical applications**
Dharmesh R Chejara, University of the Witwatersrand, South Africa
- 12:05-12:25 **Pharmacognosy & physico-chemical evaluation of homoeopathic drug *erigeron canadensis* linn**
P Subramanian, Drug Standardisation Unit, India
- 12:25-12:45 **Pharmacognostic standardisation of *rumex crispus* linn. in homoeopathic**
P Padma Rao, Drug Standardisation Unit, India
- 12:45-13:05 **Enhancement of C2C12 myoblast proliferation and differentiation by diarylheptanoids form *Curcuma comosa* Roxb.**
Chittipong Tiphunjong, Mahidol University, Thailand

Lunch Break 13:05-13:45 @ Hall-6

- 13:45-14:05 **Leaders in holistic healing and body therapeutics**
Ashok Surana, Andhra University, India
- 14:05-14:25 **Novel bioactive semi-synthetic nitric-oxide releasing derivatives of resveratrol**
Sandeep Arora, Chitkara University, India
- 14:25-14:45 **Antimicrobial activity of essential oils from selected culinary herbs of Zingiberaceae and detection of antimicrobial compounds using TLC- Bioautography**
Anil Kumar Chintaluri, MRPG College, India
- 14:45-15:05 **Development and evaluation of selected indian medicinal plant based poly herbal Anti-Aging cream**
Ciddi Veeresham, Kakatiya University, India
- 15:05-15:25 **Comparative phytochemical study of heartwood versus small branches of acacia catechu using high performance thin layer chromatography**
Arjun Singh, Central Council for Research in Ayurvedic Sciences, India

- 15:25-15:45 **Natural Turmeric encapsulated Layered Double Hydroxides as Anti-microbial Nanohybrids**
Anoja Megalathan, University of Sri Jayawardenepura, Sri Lanka
- 15:45-16:05 **Concomitant management of Type-II diabetes and its associated hyperlipidemia: role of ethyl 2-[5-(acetyloxy)pentyl] benzoate**
Bhushan P Pimple, P. E. Society's Modern College of Pharmacy, India

Networking & Refreshments Break 16:05-16:20

Young Researchers Forum

- 16:20-16:35 **Phytochemical characterization and neuroprotective assessment of standardized extract of *Pedaliomurex* Linn. leaves in endotoxemia-induced neurodegenerative model in rats**
Gomathi Swaminathan, J K K Nattraja College of Pharmacy, India
- 16:35-16:50 **Chemical investigation of bioactive secondary metabolites from *Allamanda cathartica***
Santosh Kumar Rath, CSIR-Indian Institute of Integrative Medicine, India
- 16:50-17:05 **Comparison of the toxicities of raw and processed *Pinelliae rhizoma* in rats**
Tao Su, Hong Kong Baptist University, China
- 17:05-17:20 **Nature's retort to the dengue crisis**
Rahman S K, MS Ramaiah Medical College, India
- 17:20-17:35 **Phytochemical and Pharmacological studies of *Trichodesma Indicum* (Family: Boraginaceae)**
Shubham Ukarande, Govt College of Pharmacy Aurangabad, India
- 17:35-17:50 **Effect of piperine on inhibition of FFA induced TLR4 mediated inflammation and amelioration of acetic acid induced ulcerative colitis in mice**
Rohit A Gupta, Dadasaheb Balpande College of Pharmacy, India
- 17:50-18:05 **Hepatoprotective activity of *Murraya koenigii* leaf extract on paracetamol induced hepatic damaged rats**
Shyamala Chennaboina, Kakatiya University, India
- 18:05-18:20 **Ethnopharmacology**
Divya Bade, S S Institute of Medical Sciences & Research Centre, India
- 18:20-18:35 **Pharmacognostic and physicochemical analysis of the seeds of *Citrullus lanatus* L**
D Prasanthi, Sri Padmavathi Mahila Viswavidyalayam, India

Hall-6

Day 3 October 28, 2015

Hall-5

Young Researchers Forum

Track 1: Advanced Trends for the Future of Herbal Drugs and its Products

Track 3: Herbal Drugs & Formulations

Track 9: Natural Products of Medicinal Interest

Session Chair: Giuliana Vila Verde, Federal University of Goias, Brazil

Session Chair: Xulin Chen, Wuhan Institute of Virology, China

- 09:00-09:15 **Green factory kite as a natural substitute to heme**
Khwaja Amtul Raouf Qazi, MRM College of Pharmacy College of Pharmacy, India
- 09:15-09:30 **Phytochemical evaluation and anti-cancer screening of *Cardiospermum halicacabum* seeds extracts on different human cancer cell lines**
Behzad Mohaddesi, Saurashtra University, India
- 09:30-09:45 **Evaluation of *Pterocarpus santalinus* Linn. F. methanolic extract as a natural melanogenesis inhibitor: *In-vitro* study in B16F0 melanoma cell lines**
Hridya Hemachandran, VIT University, India
- 09:45-10:00 **Wet-land colonizers to anti-dandruff dermatitis: Study with swamp cabbage**
Nabanita Chakraborty, ICAR- Central Inland Fisheries Research Institute (CIFRI), India
- 10:00-10:15 **Design, development and characterization of naringenin loaded solid lipid nanoparticles for oral delivery**
Snehal K Bhavsar, North Maharashtra University, India
- 10:15-10:30 **Involvement of TLR4/STAT3 signaling in the anti-melanoma effects of atractylenolide II**
Xiu-Qiong Fu, Hong Kong Baptist University, China

Networking & Refreshments Break 10:30-10:45 @ Hall-6

- 10:45-11:00 **Evaluation of anticonvulsant activity of *Turnera diffusa* in albino mice**
Sonali Mohanty, SS Institute of Medical Sciences & Research Centre, India
- 11:00-11:15 **Evaluation of antidepressant activity of *Turnera diffusa* in albino mice**
Nayana Matada Revanasiddaiah, S.S Institute of Medical Sciences & Research Centre, India
- 11:15-11:30 **Study of the diuretic activity in aqueous extract of roots of *Anacyclus Pyrethrum* in albino wistar rats**
Divya Reddy, JSS College of Pharmacy, India
- 11:30-11:45 **Alterations in mitochondrial apoptosis regulating gene expression in human cervical cancer cell line using a new compound isolated from the bark of *Symplocos cochinchinensis* (Lour.) S. Moore**
Raman Rajeshkumar, JSS College of Pharmacy, India
- 11:45-12:00 **A review on the potential therapeutic profile of *Carica papaya* leaf extract in the management of dengue fever**
Pradeep B, JJM Medical College, India
- 12:00-12:15 **Evaluation of effect of alcoholic extract of *Tinospora Cardifolia* on learning and memory in Alprazolam induced amnesia in albino mice**
Shashikala G, JJM Medical College, India
- 12:15-12:30 **Evaluation of antidepressant effect of methanol extract of *Aegle Marmelos* (Bael fruit tree) leaves in mice**
Deepa Halemani, JJM Medical College, India

- 12:30-12:45 **Evaluation of antidepressant activity of aqueous extract of the Prosopis cineraria in albino mice**
Pavitra R Y, JJM Medical College, India
- 12:45-13:00 **Interspecies variability assessment of B. aristata and its related species using HPLC fingerprinting and principle component analysis for standardization and quality control of their herbal drugs**
Daya Bhardwaj, TERI University, India
- Lunch Break 13:00-13:40 @ Hall-6**
- 13:40-13:55 **Preliminary phytochemical investigation and pharmacological screening of Casariae Ilicicabark for antidiabetic activity**
Chaitanya Sravanthi Kota, JNTU University, India
- 13:55-14:10 **Evaluation of nutraceutical composition of Phellinus gilvus (Schw.: Fr.) Ryv**
Uzma Azeem, Punjabi University, India
- 14:10-14:25 **Evaluation of anti-convulsant activity of ethanolic extract of Murraya koenigii leaves in Wistar rats**
Pallavi M Kamath, JJM Medical College, India
- 14:25-14:40 **Medicinal plants with skeletal muscle relaxant activity: A review**
Arun Suresh, JJM Medical College, India
- 14:40-14:55 **Resazurin microtitre assay (REMA) for antibacterial and antifungal activity of herbs of three antidiarrhoeal formulations: Bilagyl® and Berbenterone® tablets and Berbenterone® suspension**
Vipul Suryavanshi, Bombay College of Pharmacy, India
- 14:55-15:10 **Anti-diabetic, anti-hyperlipidemic and antioxidant properties of roots of Ventilago maderaspatana Gaertn. on streptozotocin-induced diabetic rats**
Damayanthi Dalu, JNTU, India
- 15:10-15:25 **Study of microbial bio-transformation of volatile oils**
Deepen Pardeshi, Bombay College of Pharmacy, India
- 15:25-15:40 **Biochemical constituents of four ethnobotanically important legume plant species from Arunachal Pradesh, India**
Pankaj Bharali, Rajiv Gandhi University, India
- 15:40-15:55 **Use of homo lipid for delivery of anti-malarial drugs**
Ogbonna John Dike N, University of Nigeria, Nigeria

Networking & Refreshments Break 15:55-16:10 @ Hall-6

- 16:10-16:25 **Biological activities of species in the genus Tulbaghia: a review**
S Takaidza, Vaal University of Technology, South Africa
- 16:25-16:40 **Preparation of Ethosomal Formulation of Pheophorbides**
S R Kulkarni, Bombay College of Pharmacy, India
- 16:40-16:55 **Studies on development of piperine as a bioenhancer for micronutrients**
Animisha Mokkalpati, GITAM University, India
- 16:55-17:10 **Acute toxicity effect of Myrsine africana aqueous seed extract on some hematological parameters in male wistar rats**
Z N Kabubii, University of Nairobi, Kenya

Award Ceremony

Bookmark your dates

4th International Conference and Exhibition on

Pharmacognosy, Phytochemistry & Natural Products

Aug 29-31, 2016 Sao Paulo, Brazil

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