

199th OMICS Group Conference

Scientific Program

2nd International Conference and Exhibition on **Pharmacognosy, Phytochemistry & Natural Products**

August 25-27, 2014 DoubleTree By Hilton Beijing, China



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OMICS Group Conferences

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08:30-08:55

Opening Ceremony

Keynote Forum

- 08:55-09:00 Introduction**
- 09:00-09:25 Yoshinori Asakawa**
Tokushima Bunri University, Japan
- 09:25-09:50 Zhao Zhongzhen**
Hong Kong Baptist University, China
- 09:50-10:15 Kelvin Chan**
The University of Sydney & Western Sydney, Australia
- 10:15-10:40 Jan Frederik Stevens**
Oregon State University, USA

Coffee Break 10:40-10:55 @ Foyer

Symposium on "Translating pharmacognosy knowledge into healthcare: Research on quality and standards"

Session Introduction

Session Chair: Kelvin Chan, The University of Sydney & Western Sydney, Australia

Session Co-Chair: De-an Guo, Chinese Academy of Sciences, China

10:55-11:15 Title: Current research on standards of medicinal plant products: Decoction pieces, granules and proprietary products as phytomedicines

Kelvin Chan, The University of Sydney & Western Sydney, Australia

11:15-11:35 Title: Notorious Aristolochic acids in traditional herbal medicines: Successful identification and validation using DNA barcodes,**Real-Time PCR with TaqMan technology and UHPLC-HR-MS**

Shilin Chen, China Academy of Chinese Medical Sciences, China

11:35-11:55 Title: Progress of R&D of chinese materia medica to keep up with advances in technology

De-an Guo, Chinese Academy of Sciences, China

11:55-12:15 Title: Authentication and quality control of TCM herbs and herbal preparations

Yuan-Shiun Chang, China Medical University, Taiwan

Track 1: Evaluation and Identification of Phytoconstituents**Track 2: Analytical Techniques in Phytochemistry**

Session Introduction

Session Chair: Yoshinori Asakawa, Tokushima Bunri University, Japan

Session Co-Chair: Ehab A Abourashed, Chicago State University, USA

Session Co-Chair: Yong Jiang, Peking University, China

12:15-12:35 Title: Phytochemical analysis and preliminary pharmacological evaluation of horse apple as a sustainable source for bioactive isoflavones

Ehab A Abourashed, Chicago State University, USA

12:35-12:55 Title: Phytochemical and biological investigation of *Verbena tenara* spring cultivated in Egypt

Taghreed A Ibrahim, King Saud University, Saudi Arabia

Lunch Break 12:55-13:40 @ Easy Kitchen

13:40-14:00 Title: Bioactivity-guided fractionation of the stem barks extract of *Pterocarpus dalbergioides* Roxb. Ex Dc growing in Egypt

Camilia George Michel, Cairo University, Egypt

14:00-14:20 Title: Exploration of *Morus* plant as a source of bioactive chemicals

Euis Holisotan Hakim, Bandung Institute of Technology, Indonesia

14:20-14:40 Title: Targeted analysis of biomarkers for the screening of botanicals in herbal food supplements by LC-MS/MS

Christen Philippe, University of Geneva, Switzerland

14:40-15:00 Title: Enhancement of gefitinib-induced growth inhibition by *Marsdenia tenacissima* extract in non-small cell lung cancer cells expressing wild or mutant EGFR

Shuyan Han, Peking University Cancer Hospital & Institute, China

15:00-15:20 Title: Isolation and simultaneous determination of five bioactive compounds in mushroom *Inonotus obliquus*

Haixia Chen, Tianjin University, China

15:20-15:40 Title: Determination of thirteen nucleosides and nucleobases in the natural fruiting body of *Ophiocordyceps sinensis* and its substitutes

Wenming Cheng, Anhui Medical University, China

15:40-16:00 Title: The use of linear ion trap for rapid one-run ginsenoside profiling in roots and ginseng based products

Igor Rodin, Lomonosov Moscow State University, Russia

Coffee Break 16:00-16:15 @ Foyer

16:15-16:35 Title: The processing mechanism of traditional chinese medicine radix polygoni multiflori based on pharmacokinetics study *in vivo*

Yan-xu Chang, Tianjin University of Traditional Chinese Medicine, China

16:35-16:55 Title: Studies on the quality analysis of traditional chinese medicines based on qHNMR technology

Yong Jiang, Peking University, China

16:55-17:15 Title: Tualang honey: An emerging natural remedy in regenerative medicine

Jun Jie Tan, Universiti Sains Malaysia, Malaysia

- 17:15-17:35 **Title: Polyphenolic compounds from selected Malaysian ferns and their potential medicinal properties**
Choon Sheen Lai, Universiti Sains Malaysia, Malaysia
- 17:35-17:55 **Title: Pharmacognostical and preliminary phytochemical studies on stem and leaves of *Alysicarpus monilifer***
Mehalingam P, V H N Senthikumara Nadar College, India
- 17:55-18:15 **Title: Media optimization in immobilized culture to enhance the content of curcumin in *Curcuma longa* (Zingiberaceae) and protein profile of treated samples in static culture**
Pratibha Chaturvedi, Haffkine Institute for Training, Testing and Research, India

18:15-18:45 **Panel Discussions**

18:45-19:45 Cocktails sponsored by **Journal of Natural Products Chemistry & Research @ Garden Terrace**

Day 2 August 26, 2014

Ginkgo Tree

Track 3: Herbal Drugs and Formulations

Track 4: Drugs from Natural Sources

Track 7: Phytochemistry and Phytoconstituents

Session Introduction

Session Chair: Jan Frederik Stevens, Oregon State University, USA

Session Co-Chair: Nehad Abdel Latif, Taif University, Saudi Arabia

09:00-09:20 **Title: Characteristics of TCM constitutions of adult Chinese women in Hong Kong and identification of related influencing factors: A cross-sectional survey**

Jianping Chen, The University of Hong Kong, China

09:20-09:40 **Title: Aqueous solubility and degradation kinetics of the phytochemical anticancer Thymoquinone; Probing the effects of solvents, pH and light**

Jumah Masoud Mohammad Salmani, China Pharmaceutical University, China

09:40-10:00 **Title: Preclinical and clinical studies of topical preparations of rhodomartytone, antibacterial isolated compounds from *Rhodomartyrtus tomentosa* (Ait) Hassk for the treatment of skin infections**

Dachriyanus, Andalas University, Indonesia

10:00-10:20 **Title: The processing of *Panax notoginseng* and the transformation of its saponin components**

Ying-Jun Zhang, Chinese Academy of Sciences, China

10:20-10:40 **Title: Standardization of a traditional Thai antihypertensive herbal recipe using LC-MS coupling with multivariate data analysis**

Tossaton Charoonratana, Rangsit University, Thailand

Coffee Break 10:40-10:55 @ Foyer

10:55-11:15 **Title: Design and evaluation of novel antibacterial agents among Benzofuran derivatives**

Nehad Abdel Latif, Taif University, Saudi Arabia

11:15-11:35 **Title: The effect of black cumin oil (*Nigella sativa* L.) for controlling asthma and blood eosinophils level in asthma patients at the pulmonary clinic, Dr. M. Djamil Hospital, Padang**

Fatma Sri Wahyuni, Andalas University, Indonesia

11:35-11:55 **Title: Accumulated expression level of cytosolic glutamine synthetase 1 gene (OsGS1;1 or OsGS1;2) alter plant development and the carbon-nitrogen metabolic status in rice**

Hongmei Cai, Huazhong Agricultural University, China

11:55-12:15 **Title: Isolation and structural elucidation of aporphine alkaloid from the bark of *Actinodaphne macrophylla* and its activity against *Plasmodium falciparum***

Tiah Rachmatiah, National Institute of Science and Technology, Indonesia

Track 5: Toxicology and Therapeutic Studies of Plant Products

Track 9: Natural Products of Medicinal Interest

Session Introduction

Session Chair: Yoshiyasu Fukuyama, Tokushima Bunri University, Japan

Session Co-Chair: Jian-ye Zhang, Guangzhou Medical University, China

12:15-12:35 **Title: Bitter tastants alter gastric-phase postprandial hemodynamics**

Michael K McMullen, University of Westminster, UK

12:35-12:55 **Title: Flavonolacetyl glucosides from the aril of *Schotia brachypetala* Sond. and their antioxidant, antibacterial and antimalarial activities**

Jan H Van Der Westhuizen, University of the Free State, South Africa

Lunch Break 12:55-13:40 @ Easy Kitchen

13:40-14:00 **Title: *Mallotus philippinensis* bark extracts promote preferential migration of mesenchymal stem cells and improve wound healing**

Akito Maeda, Osaka University, Japan

14:00-14:20 **Title: Immunomodulatory affects of *Hedysarum polybotrys* extract in mice macrophages, splenocytes and leucopenia**

Guan-Cheng Huang, Fooyin University, Taiwan

14:20-14:40 **Title: Herbal hepatotoxicity: New advances, challenges and rational usage**

Jia-bo Wang, China Military Institute of Chinese Materia Medica, China

14:40-15:00 **Title: Mechanism investigation of growth inhibition and apoptosis caused by Bruceine D in k562 cells**

Jian-ye Zhang, Guangzhou Medical University, China

15:00-15:20 **Title: Neurotrophic compounds of *Javanese Ginger, Zingiber purpureum***

Yoshiyasu Fukuyama, Tokushima Bunri University, Japan

15:20-15:40 **Title: Anti-allergic effect of a Korean traditional medicine, Biyeom-Tang on mast cells and allergic rhinitis**

Eunkyung Lee, Korea Promotion Institute for Traditional Medicine Industry, Republic of Korea

Coffee Break 15:40-15:55 @ Foyer

15:55-16:15 **Title: Mechanism of protective effects of *Salvia miltiorrhiza* (Danshen) against acute and chronic liver injury induced by iron overload**

Ying Zhang, Hebei Medical University, China

16:15-16:35 **Title: Therapeutic potentials of plant extracts**

Mandavi Deshpande, APT Research Foundation, India

16:35-16:55 **Title: GC-MS identification of Alkaloids from the Genus *Lycoris***

Ying Guo, University of Barcelona, Spain

16:55-17:15 **Title: Ethnomedicinal plants used by residents in northern Surigao del sur, Philippines**

Gemma A Gruyal, Surigao Del Sur State University, Philippines

17:15-17:35 **Title: Proanthocyanidins are effective in preventing distant organ damage against ischemia/reperfusion injury**

Ahmet Guven, Gulhane Military Medical Academy, Turkey

17:35-17:55 **Title: Secondary metabolites of endophytic fungi from *Morus* plant**

Elvira Hermawati, Bandung Institute of Technology, Indonesia

- 17:55-18:15 **Title: Cinnamon essential oil and its major constituent cinnamaldehyde caused remarkable relaxation on isolated human corpus cavernosum**
Alev Tosun, Ankara University, Turkey
- 18:15-18:35 **Title: Anti allergic effect of extract combination of *Vitex trifolia* L and *Curcuma xanthorrhiza* roxb on ovalbumin-induced active cutaneous anaphylaxis reaction**
Zullies Ikawati, Gadjah Mada University, Indonesia
- 16:30-18:00 Poster Presentations @ Maple Tree

Panel Discussion

Day 3 August 27, 2014
Ginkgo Tree

Track 6: Ethnopharmacology
Track 8: Industrial Pharmacognosy
Track 10: Crude Drugs and Plant Products

Session Introduction

Session Chair: Ping Zhang, Chinese Academy of Sciences, China

Session Co-Chair: Mehalingam P, V H N Senthikumara Nadar College, India

09:00-09:20 **Title: *Myrmecodia tuberosa* effects on quorum sensing-related pathogenicity in *Pseudomonas aeruginosa* PAO1**

Triana Hertiani, Universitas Gadjah Mada, Indonesia

09:20-09:40 **Title: Anticancer agents from non edible parts of *Theobroma cacao***

Zainal Baharum, University Putra Malaysia, Malaysia

09:40-10:00 **Title: Ethnobotany, phytochemistry and pharmacology of *Stephania rotunda* Lour**

Camille Desgrouas, Kasetsart University, Thailand

10:00-10:20 **Title: Antioxidant, antimicrobial activities and total phenolic content of *Prunus spinosa* L. subsp. *sasyphylla* (schur) domin and its secondary metabolites**

Tatli Irem, Hacettepe University, Turkey

Coffee Break 10:20-10:40 @ Foyer

10:40-11:00 **Title: From traditional to modern: Research on the vine tea, one of the non-camellia teas in China**

Lijia XU, Peking Union Medical College, China

11:00-11:20 **Title: Anti-inflammatory effects of essential oil of *Zanthoxylum myriacanthum* var. *pubescens* Huang (Ma Qian), a Dai folk medicine**

Ping Zhang, Chinese Academy of Sciences, China

11:20-11:40 **Title: Evaluation of the wound healing potentials of three *Achillea* species on cultured NIH3T3 fibroblasts**

Tuncay Agar, Hacettepe University, Turkey

11:40-12:00 **Title: Assessment of antioxidant capacity, anti-collagenase and anti-elastase assays of Malaysian unfermented cocoa bean for cosmetic application**

Norliza Abdul Wahab, Universiti Putra Malaysia, Malaysia

12:00-12:20 **Title: An ethnobotanical study of medicinal plants used by the Paliyars aboriginal community in Theni district, Tamil Nadu, India**

Mehalingam P, V H N Senthikumara Nadar College, India

12:20-12:40 **Title: Newer insights into Daodi herb research: Ecotype theory and practice**

Linfang Huang, Chinese Academy of Medical Sciences, China

Lunch Break 12:40-13:30 @ Easy Kitchen

13:30-13:50 **Title: Enhancement of gefitinib-induced growth inhibition by *Marsdenia tenacissima* extract in non-small cell lung cancer cells expressing wild or mutant EGFR**

Lu Xiao, Tianjin university of TCM, China

13:50-14:10 **Title: Isolation and structure elucidation of new cyclotetrapeptides: Ochrine A and B from *Aspergillus ochraceopetaliformis***

Ala Ud Din, Bacha Khan University, Pakistan

14:10-14:30 **Title: Clinical study of the *Prunus dulcis* (Almond) shell extract on *Tinea capitis* infection**

Nasreen Thebo, University of Sindh, Pakistan

14:30-14:50 **Title: Proposed categories of larvicidal activity of natural products derived from plants against Anopheles vector larvae**

Mohammad Mehdi Sedaghat, Tehran University of Medical Sciences, Iran

14:50-15:10 **Title: Appraisal of clinical practice guidelines for the management of rheumatoid arthritis in traditional Chinese medicine using the AGREE II instrument: A systematic review**

Ya Yuwen, China Academy of Chinese Medical Sciences, China

15:10-15:30 **Title: New ursane type sulfated saponins from the aerial parts of *Zygophyllum fabago* Linn. and their urease inhibitory activity**

Saleha Suleman Khan, University of Karachi, Pakistan

15:30-15:45 Closing Ceremony

Bookmark your dates

3rd International Conference and Exhibition on

Pharmacognosy, Phytochemistry & Natural Products

November 30-December 02, 2015 Hyderabad, India



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