# Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

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

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



## Collaboration

Phytochemical Society of Asia
PSA

## Media Partners

iptechex | ISEO | All Conference Alert | Conference Locate | SILAE | The Business Preview | 10times

**"Organize your Events at OMICS Group Conferences"**

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

**OMICS Group Conferences**
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: *Pharmacognosy2014@omicsgroup.us*

## Day 1 August 25, 2014

08:00-08:30 **Registrations**

**Gingko Tree**

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 **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 **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 **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 **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 **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 **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 **Bioactivity-guided fractionation of the stem barks extract of *Pterocarpus dalbergioded* Roxb. Ex Dc growing in Egypt**
**Camilia George Michel,** Cairo University, Egypt

14:00-14:20 **Exploration of Morus plant as a source of bioactive chemicals**
**Euis Holisotan Hakim,** Bandung Institute of Technology, Indonesia

14:20-14:40 **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 **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 **Isolation and simultaneous determination of five bioactive compounds in mushroom *Inonotus obliquus***
**Haixia Chen,** Tianjin University, China

15:20-15:40 **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 **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 **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 **Studies on the quality analysis of traditional chinese medicines based on qHNMR technology**
**Yong Jiang,** Peking University, China

16:55-17:15 **Tualang honey: An emerging natural remedy in regenerative medicine**
**Jun Jie Tan,** Universiti Sains Malaysia, Malaysia

17:15-17:35 **Polyphenolic compounds from selected Malaysian ferns and their potential medicinal properties**
**Choon Sheen Lai,** Universiti Sains Malaysia, Malaysia

17:35-17:55 **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 **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

### Gingko 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 **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 **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 **Preclinical and clinical studies of topical preparations of rhodomyrtone, antibacterial isolated compounds from *Rhodomyrtus tomentosa* (Ait) Hassk) for the treatment of skin infections**
**Dachriyanus,** Andalas University, Indonesia

10:00-10:20 **The processing of *Panax notoginseng* and the transformation of its saponin components**
**Ying-Jun Zhang,** Chinese Academy of Sciences, China

10:20-10:40 **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 **Design and evaluation of novel antibacterial agents among Benzofuran derivatives**
**Nehad Abdel Latif,** Taif University, Saudi Arabia

11:15-11:35 **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 **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 **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 **Bitter tastants alter gastric-phase postprandial hemodynamics**
**Michael K McMullen,** University of Westminster, UK

12:35-12:55 **Flavonolacyl 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 ***Mallotus philippinensis* bark extracts promote preferential migration of mesenchymal stem cells and improve wound healing**
**Akito Maeda,** Osaka University, Japan

14:00-14:20 **Immunomodulatory affects of *Hedysarum polybotrys* extract in mice macrophages, splenocytes and leucopenia**
**Guan-Cheng Huang,** Fooyin University, Taiwan

14:20-14:40 **Herbal hepatotoxicity: New advances, challenges and rational usage**
**Jia-bo Wang,** China Military Institute of Chinese Materia Medica, China

14:40-15:00 **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 **Neurotrophic compounds of *Javanese Ginger, Zingiber purpureum***
**Yoshiyasu Fukuyama,** Tokushima Bunri University, Japan

15:20-15:40 **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 **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 **Therapeutic potentials of plant extracts**
**Mandavi Despande,** APT Research Foundation, India

16:35-16:55 **GC-MS identification of Alkaloids from the Genus *Lycoris***
**Ying Guo,** University of Barcelona, Spain

16:55-17:15 **Ethnomedicinal plants used by residents in northern Surigao del sur, Philippines**
**Gemma A Gruyal,** Surigao Del Sur State University, Philippines

17:15-17:35 **Proanthocyanidins are effective in preventing distant organ damage against ischemia/reperfusion injury**
**Ahmet Guven,** Gulhane Military Medical Academy, Turkey

17:35-17:55 **Secondary metabolites of endophytic fungi from Morus plant**
**Elvira Hermawati,** Bandung Institute of Technology, Indonesia

17:55-18:15 **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 **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

### Gingko 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 ***Myrmecodia tuberosa* effects on quorum sensing-related pathogenicity in *Pseudomonas aeruginosa* PAO1**
**Triana Hertiani,** Universitas Gadjah Mada, Indonesia

09:20-09.40 **Anticancer agents from non edible parts of *Theobroma cacao***
**Zainal Baharum,** University Putra Malaysia, Malaysia

09:40-10:00 **Ethnobotany, phytochemistry and pharmacology of *Stephania rotunda* Lour**
**Camille Desgrouas,** Kasertsart University, Thailand

10:00-10:20 **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 **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 **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 **Evaluation of the wound healing potentials of three *Achillea* species on cultured NIH3T3 fibroblasts**
**Tuncay Agar,** Hacettepe University, Turkey

11:40-12:00 **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 **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 **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 **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 **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 **Clinical study of the *Prunus dulcis* (Almond) shell extract on *Tinea capitis* infection**
**Nasreen Thebo,** University of Sindh, Pakistan

14:30-14:50 **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 **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 **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**

OMICS Group Conferences
Accelerating Scientific Discovery

3rd International Conference and Exhibition on
**Pharmacognosy, Phytochemistry & Natural Products**
October 26-28, 2015 Hyderabad, India





**OMICS Group Inc.**
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
omicsonline@omicsonline.com

**OMICS Publishing Group**
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
omicsonline@omicsonline.us

**OMICS Group**
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
omicsgroup@omicsgroup.org

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