4th International Conference and Exhibition on

Natural Products, Medicinal Plants & Marine Drugs

June 11-12, 2018   Rome, Italy

***For available speaker slots***
naturalproducts@conferenceseries.net
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker &amp; Affiliation</th>
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<tbody>
<tr>
<td>08:30-09:30</td>
<td>Registrations</td>
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<tr>
<td>09:30-09:50</td>
<td>Opening Ceremony</td>
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<tr>
<td>09:50-10:00</td>
<td>Introduction</td>
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<tr>
<td>10:50-11:10</td>
<td>Coffee Break</td>
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<tr>
<td>11:00-12:00</td>
<td>Keynote Session</td>
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</tbody>
</table>
| 11:00-11:30 | Keynote-1                                 | **Title:** Arseninic a from the marine sponge *Echinocochalina Bargibanti* as a drug lead: Synthesis and antitumor evaluation of related arsenicals  
*Ines Mancini*, University of Trento, Italy |
| 11:30-12:00 | Keynote-2                                 | **Title:** Anti-diabetic and anti-obesity effects of natural flavonoids  
*Hitoshi Ashida*, Stanford University School of Medicine, USA |
| 12:00-12:50 | Coffee Break                              |                                                            |
| 12:50-13:50 | Lunch Break                               |                                                            |
| 14:00-15:00 | Talks                                     |                                                            |
| 14:00-14:30 | Talk-1                                    | **Title:** Importance of combining the production of natural products with the agroecological benefits of diversifying farming systems with new crops  
*Rogery RB Leakey*, International Tree Foundation, England |
| 14:30-15:00 | Talk-2                                    | **Title:** Natural sesquiterpene lactones as potential Trypanocidal and Leishmanicidal Agents  
*Liliana V. Muschietti*, University of Buenos Aires, Argentina |
| 14:30-15:00 | Talk-3                                    | **Title:** Effects of aqueous and ethanolic extracts of *Entandrophragma angolense*, *Cola nitida* and *Gomphrena Celosioides* against Doxorubicin induced cardiotoxicity in rats  
*Bamba Abou*, Félix Houphouët Boigny University of Abidjan, Ivory Coast |
| 14:30-15:00 | Talk-4                                    | **Title:** Trichillasinrenoids a-c, three novel 6,7-secomexicanolide limonoids with a 7,29-linkage from *trichilia sinensis*  
*Donghua Cao*, Chinese Academy of Sciences, China |
| 14:30-15:00 | Talk-5                                    | **Title:** Herb-drug interaction of *Andrographis paniculata* (Nees) extract and andrographolide on pharmacokinetic and pharmacodynamic of Etoricoxib, Nabumetone and Naproxen in rats  
*Aishwarya Balap*, PES’s Modern College of Pharmacy, India |
| 14:30-15:00 | Talk-6                                    | **Title:** *In Vivo* assessment of anti-inflammatory activity of extract and fractions from *Fagonia Olivier*  
*Umbreen Rashid*, GC Women University, Pakistan |
| Talk-6 | Title: Comparison of conventional and microwave assisted acid mediated pectin extraction from peels of *Manilkara Zapota*
Nausheen Hameed Siddiqui, University of Karachi, Pakistan |
| Talk-7 | Title: Anti-inflammation and anti-cancer action mechanism of novel terpenes from Borneo
Charles S Vairappan, Universiti Malaysia Sabah, Malaysia |
| Talk-8 | Title: Some biochemical parameters and their relation with elevation of ovary tumor marker – our experience
Slobodan Dunjić, Center for Integrative procedures and Supplements, Serbia |
| Talk-9 | Title: Presence of high blood pressure and level of some biochemical parameters – our experience
Dušan Vešović, VISAN – Sanitary Medical School of Applied Sciences, Serbia |

**Coffee Break @ 15:35-15:55**

| Talk-10 | Title: Oleuropein ameliorates palmitate-induced insulin resistance by increasing Glut4 translocation through activation of AMPK
Hakam Alkhateeb, Jordan |
| Talk-11 | Title: Evaluation of antioxidant activity of methanol extract of *Ficus platyphylla Del. Holl*
Ugwah-Oguejiofor C. J, Usmanu danfodiyo University, Nigeria |
| Talk-12 | Title: Implementation of regulation on labelling, patient information leaflets and summary on product characteristics on human drug products of natural origin, 2009-2018
Suárez Pérez Yamira, Centre for State Quality Control of Medicines, Italy |
| Talk-13 | Title: Blood glucose level and lipid profile of alloxan-induced hyperglycemic rats treated with single and combinatorial herbal formulations
Paul C. Chikezie, Imo State University, Owerri, Nigeria |

**Panel Discussions**

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**Day 2 June 12, 2018**

### Keynote Session

**Keynote-4**
Title: Bioactive biomasses in food and not food application, the case study of Brassicas
Luca LAZZERI, Italian Ministry of Agriculture, Italy

**Keynote-5**
Title: Stability enhancement of anthocyanins from *Hibiscus Sabdarriffa* with respect to their application as food colorant
Santosh Bhujbal, University of Pune, India

**Coffee Break 10:50-11:10**

Sessions:
- Natural Products as Anti-Cancer Drugs
- Marine: The Ultimate Source of Bioactives and Drug Metabolites
- Marine Natural Products Drug Discovery
- Bioactive Natural Products
- Bioactive Natural Products from Marine Bacteria
- Marine Probiotics and Prebiotics
- A Promising Future for Marine Drugs and Natural Products
- Medicinal Chemistry & Drug Discovery

**Chair**: TBA

| Talk-14 | Title: Gc-Ms analysis, hypoglycemic activity of aqueous root extract of *Carica Papaya* and its effects on blood lipid profile and hepatorenal tissues biomarkers of diabetic rats
Sunday Ahamefula Ezekwe, Imo State University, Nigeria |
| Talk 15 | Title: Total phenolic content, antioxidant activity and cytotoxicity on Vibrio fischeri of herbal blends' infusions from Greek flora: A synergism evaluation  
Elpida Giorgi, University of Athens, Greece |
| Talk 16 | Title: Study on the efficacy of granules for spring health-enhancing  
Yue Chen, Beijing University of Chinese Medicine, China |
| Talk 17 | Title: Synthesis and analysis of anti-Inflammatory glucosinolates  
Quan V. Vo, La Trobe University, Australia |
| Talk 18 | Title: An investigation of compounds and their bioactivities from Jamaican Gracilaria mammillaris, Clavellina picta and Plexaurella nutans  
Doleasha Davis, University of the West Indies, Jamaica |

**Lunch Break @ 12:50-13:45**

| Talk 19 | Title: Oxodolastanes from the Jamaican Brown alga, Canistrocarpus cervicornis  
Sanjay Campbell, University of the West Indies, Jamaica |
| Talk 20 | Title: Isolation, elucidation and biological evaluation of the bioactive compounds from the Jamaican Gorgonian, Pterogorgia Anceps.  
Coniel Roye, University of the West Indies, Jamaica |

**Poster Presentations 14:30-15:45**

| PC-01 | Title: N-acetyldopamine dimers with anti-platelet aggregation activity from Oxya Chinensis Sinuosa  
InWha Park, Chungnam National University, Republic of Korea |
| PC-02 | Title: Cucurbitane Triterpenoids derived from momordica charantia inhibit proliferation of vascular smooth muscle cells  
DaYoung Kim, Chungnam National University, Republic of Korea |
| PC-03 | Title: Discorhabdin alkaloids from Antarctic Latrunculia spp. sponges as a new class of cholinesterase inhibitors  
Ines Mancini, University of Trento, Italy |
| PC-04 | Title: Comparative in vivo antidiabetic evaluation of Glimepiride, Fenugreek and their combination in Streptozotocin induced diabetic rats  
Hala H. Zaatout, Alexandria University, Egypt |
| PC-05 | Title: Mitigation of bromate-induced nephrotoxicity in rats with seed extract of Aframomum angustifolium  
I.E. Ebhohimen, Samuel Adegboyega University, Nigeria |
| PC-06 | Title: Glycaemic and clinical biochemistry profiles of diabetic rats treated with methanol leaf extract of Gnetum africanum Welw  
Udeh, Nkeiruka E, Michael Okpara University of Agriculture, Nigeria |
| PC-07 | Title: Inhibition of cholinesterase activity by extracts, fractions and compounds from a plant of Sahara : Solenostemma Arge  
Rym G. Demmak, University of Constantine, Algeria |
| PC-08 | Title: Anti-inflammatory effect of Alkaloid extract from Fumaria capreolata on BMDM cells  
Noureddine Bribi, University of Bejaia, Algeria |

**Coffee Break @ 15:45-16:05**

**Sessions:**

| Chair | TBA |
| Chair | TBA |

| Talk 19 | Title: Comprehensive pro-wound healing analysis of compounds found in Anchusa strigos and Phlomis viscosa Poiret  
Ludmila Yarmolinsky, Eastern R&D Center, Israel |
| Talk 20 | Title: Chemical investigations of volatile constituents of Inula viscosa populations from Algeria  
Abdelkader Ouanaoughi, Setif University, Algeria |
<table>
<thead>
<tr>
<th>Talk-21</th>
<th>Title: Developing of trilobatin dihydrochalcone as a new-style of phytochemical agent</th>
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<tbody>
<tr>
<td></td>
<td><strong>Mwafaq Ibdah</strong>, NeweYaar Research Center, Israel</td>
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<tr>
<td>Talk-22</td>
<td>Title: Brine shrimp lethality bioassay of <em>Abras Precatorius (Linn)</em> leaves and root extract</td>
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<td></td>
<td><strong>Henry Yusufu Wakawa</strong>, Universiti Malaysia, Malaysia</td>
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<td>Talk-23</td>
<td>Title: A report on <em>Gongronema Latifolium</em>, an extremely useful plant with great prospects</td>
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<td><strong>Olugbenga Morebise</strong>, All Saints University School of Medicine, Dominica</td>
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<tr>
<td>Talk-24</td>
<td>Title: Accumulation and quantification of reserpine in cadmium chloride amended cultures of <em>R. serventina</em></td>
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<td><strong>Nadia Zafar</strong>, Jamia Hamdard, India</td>
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<tr>
<td>Talk-25</td>
<td>Title: Isolation, purification and chemical characterization of bioactive compounds from Ethyl Acetate stem bark fraction <em>Spondias mombin (Linn)</em></td>
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<td></td>
<td><strong>Oluudare Temiote Osuntokun</strong>, Adekunle Ajasin University, Nigeria</td>
</tr>
<tr>
<td>Talk-26</td>
<td>Title: Ancistroyafungamines A-C, New 5,8'-Coupled Naphthylisoquinolines from a congolese ancistrocladus species</td>
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<td></td>
<td><strong>Séverin Muyisa Kavatsurwaa</strong>, University of Pretoria, South Africa</td>
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<td>Talk-27</td>
<td>Title: Assessment of possible efficacy of aqueous leaves extract of <em>Psoralea Bituminosa l.</em> for antihyperglycaemic activity</td>
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<td><strong>Radia Lemouchi</strong>, Université de Annaba, Algeria</td>
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**Note:** Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this program are subject to change.
Glimpses of Natural Products Conferences

http://naturalproducts.pharmaceuticalconferences.com
Glimpses of Natural Products Conferences
Major Scientific Sessions

- Natural Products and Marine Biotechnology
- Natural Products Chemistry and Drug Discovery
- Phytomedicine and Phytochemistry
- New Sources and Approaches to Natural Products
- Development of Marine Drugs and Natural Products
- Medicinal Natural Products
- Natural Products as Anti-Cancer Drugs
- Marine: The Ultimate Source of Bioactives and Drug Metabolites
- Marine Natural Products Drug Discovery and Bioactive Natural Products
- Bioactive Natural Products from Marine Bacteria and Prebiotics
- A Promising Future for Marine Drugs and Natural Products
- Entrepreneurs Investment Meet

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster.
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research.
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement.
- Apart from the judging time you may also be present at the poster to share your research with interested delegates.

Young Researchers Forum

- Present your research through oral presentations.
- Learn about career development and the latest research tools and technologies in your field.
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research.
- Develop a foundation for collaboration among young researchers.
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe.
- Interact and share ideas with both peers and mentors.

General Queries
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Conference Venue
Rome, Italy
Best Tourist Destinations in Rome, Italy

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http://naturalproducts.pharmaceuticalconferences.com
2nd International Conference and Exhibition on

MARINE DRUGS & NATURAL PRODUCTS

June 15-17, 2017  London, UK
Day 1       June 15, 2017

Registrations

Kingsley

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Opening Ceremony

Keynote Forum

Introduction
Title: Secondary metabolites as bio-controlling against plant pathogens
Shugeng Cao, University of Hawaii, USA
Title: Investigating natural products as antimalarial chemotherapeutic leads
Niroshini Nirmalan, University of Salford, UK

Networking & Refreshment Break
Title: Synbiotic effects of β-glucans from cauliflower mushroom and L. fermentum on menopausal symptoms and gut microbiome in estrogen-deficient rats
James W Daily, Daily Manufacturing Inc., USA

Sessions:
Natural Products | New Sources and Approaches to Natural Products | Natural Products Chemistry & Natural Products Drug Discovery | Phytomedicine and Phytochemistry & Medicinal Natural Products | Marine Probiotics and Prebiotics & A Promising Future for Marine Drugs and Natural Products
Session Chair: Anant Achary, Kamaraj College of Engineering and Technology, India
Session Co-Chair: Sunmin Park, Hoseo University, South Korea

Session Introduction
Title: Effect of the 70% ethanol extract of Tetragonia tetragonioides on immunoreactivity in ovariectomized mouse model
Hye-Jin Kim, Korea Institute of Oriental Medicine, Republic of Korea
Title: Natural products based FXR antagonists: From plant constituents to in vivo active molecules
Weishuo Fang, Institute of Materia Medica, China
Title: The inhibitory effect of Thai black sticky rice extract on kidney stone formation
Tistaya Semangoen, Burapha University, Thailand

Lunch Break
Title: Anticancer activity and mechanism of action of a novel nargenicin A1 derivative
Hye Jin Jung, Sun Moon University, South Korea
Title: Hepatoprotective and iNOS down regulation activities of Pleurotus florida
Aathishree Vanji Paramasivan, Kongunadu Arts and Science College, India
Title: The effect of fucoidan on proliferation of leiomyoma cell
Shih-Min Hsia, Taipei Medical University, Taiwan
Title: Extracts from Graviola transcriptionally inhibits the expression of receptors in breast cancer cells
Terry Roberts, Kings College London, UK
Title: Knowledge and behavior of students at Princess Nourah Bint Abdulrahman University towards self-medication
Hanan Alahmed, Princess Nourah Bint Abdul Rahman University, KSA
Title: Calculating the cultural significance of wild medicinal plants at Soon Valley, Pakistan
Humaira Shaheen, COMSATS Institute of Information Technology, Pakistan

Networking & Refreshment Break
Title: Exploration of phyotherapies common among local communities of Rawalakot, Poonch Azad district of Jammu and Kashmir
Mirza Faisal Qaseem, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
Title: Paradigm shift in classical drug research: Challenges to modern pharmaceutical sciences
Riddhi H Shukla, Saurashtra University, India
Title: Designing functional products for the management of pain and inflammation
James W Daily, Daily Manufacturing Inc., USA

Panel Discussion

Day 2       June 16, 2017

Kingsley
Title: Cytotoxic and antioxidant properties of phlorotannin and fucoxanthin from *Sargassum tenerrimum*

*Anant Achary, Kamaraj College of Engineering and Technology, India*

Title: Phytochemicals produced by fermenting Korean foods, prevent and alleviate metabolic diseases by modulating the insulin signaling pathway

*Sunmin Park, Hoseo University, South Korea*

Title: Calcarea carbonica induces apoptosis in cancer cells in a p53-dependent manner via an immuno-modulatory circuit

*Gaurisankar Sa, Bose Institute, India*

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### Sessions:

**Natural Products as Anti-Cancer Drugs** | **Marine: The Ultimate Source of Bioactives and Drug Metabolites** | **Marine Biotechnology** | **Marine Natural Products Drug Discovery & Development of Marine Drugs and Natural Products** | **Bioactive Natural Products** | **Bioactive Natural Products from Marine Bacteria**

**Session Chair:** Niroshini Nirmalan, University of Salford, UK  
**Session Co-Chair:** Shugeng Cao, University of Hawaii, USA

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Title: Gastric ulcer healing activity of *Zingiber simaoense* Y.Y. Qian rhizome ethanol extract in rats

*Puongtip Kunanusorn, Chiang Mai University, Thailand*

Title: Development of a database of Traditional African Medicine: An innovative approach for drug discovery

*Waikhom Sayanika Devi, University of Health and Allied Sciences, Ghana*

Title: Activity guided characterization of active compounds of *Aristolochia tagala* with potential role as anticancer drugs

*Khetbadei L H Hadem, Indian Council of Agricultural Research, India*

Title: *Thuja* modulates redox status to induce apoptosis in functional p53 expressing mammary epithelial carcinoma cells

*Tanya Das, Bose Institute, India*

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### Exhibitor Session

*David Martin, Buchi Pharmaceuticals, UK*  
*Ian Bailey, Bio Pharma Group, UK*

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### Poster Presentations

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Title: Medicinal and economic values of forest products in the treatment of cancer in Southwest Nigeria

*Oluwakemi A Osunderu, Federal College of Complementary & Alternative Medicine, Nigeria*

Title: Knowledge and behavior of students at Princess Nourah Bint Abdulrahman University towards self-medication

*Sarah Alowaiweed, Princess Nourah Bint Abdul Rahman University, KSA*

Title: Drug interactivity studies to define synergistic anti-malarial combinatorial regimes for *Emetine* dihydrochloride

*Muna Saleh Saeed Abubaker, University of Salford, UK*

Title: Apoptotic induction and cell cycle arrest of *Rhododendron arboreum* extract in HeLa cervical cancer cells

*Valrielyan Saio, Indian Council of Agricultural Research, India*

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### Poster Presentations Day 2 (June 16, 2017)

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Title: Effect of Ylang Ylang oil aroma on sleep quality of Kanchanabhisek Medical and Public Health Technology (KMPHT) college’s students, Nonthaburi, Thailand
Winai Sayorwan, Kanchanabhisek Institute of Medical and Public Health Technology, Thailand

Title: Antiviral effects of secondary metabolites from Mexican seaweeds against Measles virus
Laura Trejo, Universidad Autónoma de Nuevo León, México

Title: Anti-inflammatory isochromans from an endophytic fungus Annulohypoxylon truncatum of Zizania caduciflora
Sang Hee Shim, Duksung Women’s University, South Korea

Title: Effect of the 70% ethanol extract of Tetragonia tetragonioides on immunoreactivity in ovariectomized mouse model
Byoung Seob Ko, Korea Institute of Oriental Medicine, Republic of Korea

Title: Cytotoxicity of Asphodelus Aestivus against two human cancer cell lines
Afaf Al Groshi, UK

Title: Anti-Melanogenesis and anti-inflammatory effects of Opuntia humifusain
Yongsun Yi, Hoseo University, South Korea

Title: An efficient pipeline for marine natural product discovery
Hou Peng, The Hong Kong University of Science and Technology, Hong Kong

Title: Paenibacillaene, a novel polyketide antibiotic from Paenibacillus polymyxa CICC 10580 active against Staphylococcus aureus
Meng Jia, Hong Kong University of Science and Technology, Hong Kong

Title: Drug interactivity studies to define synergistic anti-malarial combinatorial regimes for Emetine dihydrochloride
Muna Saleh Saeed Abubaker, University of Salford, UK

Title: Extracts from Graviola transcriptionally inhibits the expression of receptors in breast cancer cells
Terry Roberts, Kings College London, UK

Title: Effect of the 70% ethanol extract of Tetragonia tetragonioides on immunoreactivity in ovariectomized mouse model
Hye-Jin Kim, Korea Institute of Oriental Medicine, Republic of Korea

Title: Antiproliferative activity of homospisulosine and its derivatives
Gabriela Gonciova, Šafárik University, Slovak Republic

Title: Antiproliferative activity of tetrahydrofuran jaspine B analogues
Alexandra Nagyová, Šafárik University, Slovak Republic

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Day 3      June 17, 2017

Kingsley

B2B Meetings

Networking & Refreshment Break

Discussion on: New Sources and Approaches to Natural Products

Networking & Extended Lunch Break

Award Ceremony

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Bookmark your dates

4th International Conference and Exhibition on

Marine Drugs and Natural Products

June 11-12, 2018   Rome, Italy

E: naturalproducts@conferenceseries.net   www.naturalproducts.pharmaceuticalconferences.com
### Keynote Forum

**Title: Marine natural products based drug discoveries**  
**Rongshi Li**, University of Nebraska Medical Center, USA

**Title: From nature to a lead for cancer**  
**Liang Xu**, University of Kansas Cancer Center, USA

**Title: Phytopharmaceuticals: An emerging platform in modern medicine**  
**Dilip Ghosh**, Soho Flordis International, Australia

**Title: From Folkloric medicine to drug discovery**  
**Fatma U Afifi-Yazar**, The University of Jordan, Jordan

### Track 1: Natural Products

**Title: Natural products targeting RNA-binding protein Musashi**  
**Liang Xu**, University of Kansas Cancer Center, USA

**Title: Production of biomass and secondary metabolites from plant cell and organ culture using bioreactor system in medicinal plants**  
**So-Young Park**, Chungbuk National University, Republic of Korea

**Title: Plant derived diarylheptanoids as Wnt/β-catenin pathway inhibitors**  
**Jae-Ha Ryu**, Sookmyung Women's University, Republic of Korea

### Track 2: New Sources and Approaches to Natural Products

**Title: Synthesis of analogs of natural tubulin polymerization inhibitors using parsley and dill seed extracts**  
**Victor V Semenov**, Russian Academy of Sciences, Russia

**Title: “Scytanomin” pigment from *Lyngbya notarisii* (Menegh.) Wille (*Cyanobacteria*) may protect human skin from UV radiation**  
**Abdul Aziz**, University of Dhaka, Bangladesh

**Title: Anti-diabetic and anti-obesity potential of selected medicinal plants used in the traditional medicine of Jordan**  
**Fatma U Afifi-Yazar**, The University of Jordan, Jordan

**Title: Efficacy of detogen-B, a medicinal plant formulation in cancer diseases**  
**Ekenna Elikee**, Ekenna Natures Ltd., Nigeria

**Title: Food plants and plant molecules affect ovarian functions**  
**Alexander V Sirotkin**, Research Institute of Animal Production and Constantine the Philosopher University, Slovakia

**Title: Isolation and characterization of a hyperbranched proteoglycan from *Ganoderma lucidum* for anti diabetes**  
**Ping Zhou**, Fudan University, China

### Session Introduction

**Title: Impact of ethnomedicinal plants on toothpaste improvement**  
**Essam A Makky**, University Malaysia Pahang, Malaysia
Title: *Rhodiola crenulata* extract regulates hepatic glycogen and lipid metabolism via activation of the AMPK pathway  
Shih-Yu Lee, National Defense Medical Center, Taiwan  
*Title: Natural neuro-protective agents from Nigerian ethnomedicine*  
Taiwo Olayemi Elufioye, University of Ibadan, Nigeria  
*Title: Comparative antioxidant and total phenolic analysis of four indigenous herbal tea plants of Botswana*  
Daniel Moltshanka, Botswana University of Agriculture and Natural Resources, Botswana

Day 2  
July 26, 2016

**Melrose**

**Keynote Forum**

Title: Effect of marine oil extract supplementation on ADHD children and adolescents  
Con Stough, Swinburne University, Australia

**Track 4: Natural Products Drug Discovery**  
**Track 5: Phytomedicine and Phytochemistry**  
Session Chair: Jun Wu, Jinan University, China  
Session Chair: Henry Chen, Jinan University, China

Title: Unique drug discoveries based on marinopyrrole and novel derivatives  
Rongshi Li, University of Nebraska Medical Center, USA  
*Title: “Seed to patient”: Role in clinically proven natural medicines*  
Dilip Ghosh, Soho Flordis International, Australia

Title: Glucosyl terpenates from the dried fruits of *Prunus domestica* L  
Shin-ichi Kayano, Kio University, Japan  
*Title: Flavones and flavonoids from wild Aquilaria sinensis leaves: In vitro bioactivities and in vivo regulation against impairment of the plant*  
Henru Chen, Jinan University, China  
*Title: Chemical diversity of limonoids from mangrove plants*  
Jun Wu, Jinan University, China  
*Title: Bufadienolides with cytotoxic activity from the skins of Bufo bufo gargarizans*  
Lei Wang, Jinan University, China  
*Title: Study of phytochemicals and antitumor activity of *taraxacum officinale* l. in rat*  
Dawood Ahmed, University of Haripur, Pakistan

Title: In vitro antioxidant potential and free radical scavenging activity of various extracts of pollen of *nelumbo nucifera*: Nelumbonaceae  
Anjum Perveen, University of Karachi, Pakistan  
*Title: Dual targets guided screening and isolation of bioactive compounds from traditional Chinese herbs for the discovery of novel therapeutic implications in treating sepsis*  
Ning Wang, Third Military Medical University, China  
*Title: Kukoamine B Ameliorates rodent polymicrobial sepsis via simultaneous blockade of primary PAMPs and induced inflammatory disorders*  
Xin Liu, Third Military Medical University, China

**Young Researchers Forum**

Title: Optimization of ultrasound-assisted extraction of total phenolic compounds and antioxidant activity from *Helicteres hirsuta* Lour  
Hong Ngoc Thuy Pham, University of Newcastle, Australia  
*Title: Carrageenan and its potential use as a photoprotective agent: Anti-inflammatory and apoptotic cell death*  
Haema Thevanayagam, International Medical University, Malaysia  
*Title: Determination of antioxidant activity and identification of active compounds in avocado peel*  
Irma Antasionasti, Gadjah Mada University, Indonesia

**Poster Presentations**
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Institution</th>
<th>Country</th>
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<tbody>
<tr>
<td>Macranthoside B induces apoptosis and autophagy via reactive oxygen species accumulation in human ovarian cancer A2780 cells</td>
<td>Yu Shan, Jiangsu Province and Chinese Academy of Sciences, China</td>
<td>Jiangsu Province and Chinese Academy of Sciences, China</td>
<td>China</td>
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<tr>
<td>Flavonoids from <em>Suaeda glauca</em> (Bunge) <em>Bunge</em> (Chenopodiaceae)</td>
<td>Xu Feng, Jiangsu Province and Chinese Academy of Sciences, China</td>
<td>Jiangsu Province and Chinese Academy of Sciences, China</td>
<td>China</td>
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<tr>
<td>Chemical and bioactive investigation of <em>Kosteletzkya virginica</em> (Malvaceae)</td>
<td>Ming Wang, Jiangsu Province and Chinese Academy of Sciences, China</td>
<td>Jiangsu Province and Chinese Academy of Sciences, China</td>
<td>China</td>
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<tr>
<td>Indole alkaloids from <em>Evodia rutaecarpa</em> (Juss.) Benth. (Rutaceae)</td>
<td>Qi-zhi Wang, Jiangsu Province and Chinese Academy of Sciences, China</td>
<td>Jiangsu Province and Chinese Academy of Sciences, China</td>
<td>China</td>
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<tr>
<td>A biomedical investigation on the hepatoprotective effect of <em>Coriolus versicolor</em> L and <em>Salvia miltiorrhiza</em> Bge</td>
<td>Ming Hong, The University of Hong Kong, China</td>
<td>The University of Hong Kong, China</td>
<td>China</td>
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<td>Diterpenoids from <em>Siegesbeckia pubescens</em> and their PPARγ agonist activities</td>
<td>Yiping Ye, Zhejiang Academy of Medical Sciences, China</td>
<td>Zhejiang Academy of Medical Sciences, China</td>
<td>China</td>
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<tr>
<td>Inhibitors of hedgehog signaling pathway from Asclepiadaceae</td>
<td>Xiaoyu Li, Zhejiang Academy of Medical Sciences, China</td>
<td>Zhejiang Academy of Medical Sciences, China</td>
<td>China</td>
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<tr>
<td>Structure modification of chalcones derivatives as Anti-Alzheimer’s disease drugs</td>
<td>Wenhai Huang, Zhejiang Academy of Medical Sciences, China</td>
<td>Zhejiang Academy of Medical Sciences, China</td>
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<td>A new inhibitor of microglial neurotoxicity from marine-derived <em>Streptomyces</em> sp</td>
<td>Hee Jae Shin, Korea Institute of Ocean Science and Technology, Republic of Korea</td>
<td>Korea Institute of Ocean Science and Technology, Republic of Korea</td>
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<td>Higher anti-liver fibrosis effect of cordyceps militaris-fermented product cultured with deep ocean water via inhibiting proinflammatory factors and fibrosis-related factors expressions</td>
<td>Chun-Lin Lee, National Taitung University, Taiwan</td>
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<td>Induction of adventitious root and callus from different genotypes and explant sources for coumestrol production from soybean</td>
<td>Young-Eun Kim, Chungbuk National University, Republic of Korea</td>
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<td>In vitro induction of polyploidy in roots by colchicine treatment to increase biomass and ginsenoside biosynthesis from adventitious roots of wild ginseng</td>
<td>Kim-Cuong Le, Chungbuk National University, Republic of Korea</td>
<td>Chungbuk National University, Republic of Korea</td>
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<td>Scaled-up production of biomass and bioactive compounds and increased antioxidant enzyme activities in adventitious root cultures of <em>Polygonum multiflorum</em> Thunb. using an Airlift bioreactor</td>
<td>Thanh-Tam Ho, Chungbuk National University, Republic of Korea</td>
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<td>Bioassays-guided purification of chemical constituents with antioxidant and anti-inflammatory properties from <em>Hemigraphis alternata</em></td>
<td>Wong Kak Ming, Monash University, Malaysia</td>
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<td>Sesquiterpenoids from the rhizomes of <em>Curcuma phaeocaulis</em> and their inhibitory effects on LPS-induced TLR activation</td>
<td>Mun-Chual Rho, Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</td>
<td>Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</td>
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<td>Efficacy of algae <em>Ecklonia cava</em> extract against <em>Viral Hemorrhagic Spticemia Virus</em> (VHSV)</td>
<td>Woo Song Lee, Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</td>
<td>Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</td>
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<td>Chemical constituents and anti-inflammatory activity of the aerial parts of <em>Curcuma longa</em></td>
<td>Hyung Jae Jeong, Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</td>
<td>Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</td>
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<td>Screening of the natural products as novel chemical inhibitors of the PRRSV helicase, nsp10</td>
<td>Ju Huck Lee, Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</td>
<td>Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</td>
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<td>Depigmentation of neorauflavane from campylotropis hirtella based on tyrosinase inhibition and their mechanism study</td>
<td>Yeong Hun Song, Gyeongsang National University, Republic of Korea</td>
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<td>Effects of seanol on the autonomous function change in female young adults with fatigue</td>
<td>Whan-Seok Choi, The Catholic University of Korea, Republic of Korea</td>
<td>The Catholic University of Korea, Republic of Korea</td>
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<td>Potent bacterial neuraminidase inhibitors, anthraquinone glucosides from <em>Polygonum cuspidatum</em> and their inhibitory mechanism</td>
<td>Zuopeng Li, Gyeongsang National University, Republic of Korea</td>
<td>Gyeongsang National University, Republic of Korea</td>
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<td>Hypoglycaemic and hypolipidemic activity of <em>Cassia Occidentalis Linn.</em> stem bark extract in streptozotocin induced diabetes</td>
<td>Manjusha, Kurukshetra University, India</td>
<td>Kurukshetra University, India</td>
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NPC-023

Title: Isolation of anti-bacterial compounds from *Eremophila glabra* and *Biserrula pelecinus* that reduce methane output in ruminants
Azizah Algreib, University of Western Australia, Australia

NPC-024

Title: Phytochemical screening and antioxidant activity of *Cardiospermum corindum* L Faux Persil from Botswana
Daniel Motlhanka, Botswana University of Agriculture and Natural Resources, Botswana

Day 3 July 27, 2016

Melrose

Track 8: Marine: The Ultimate Source of Bioactives and Drug Metabolites
Track 9: Marine Biotechnology
Track 10: Marine Natural Products Drug Discovery

Session Chair: Laurent Lebrun, University of Rouen, France

Session Introduction

Title: Marine based ingredients for natural cosmeceuticals
Jeanine B Downie, Overlook and Mountainside Hospitals, USA

Title: Seaweed extracts as potential source of new antiviral agents for bio-based cleaning wipes and filters
Laurent Lebrun, University of Rouen, France

Title: Cholinesterase inhibitory and protective effects of algal compounds against neurotoxicity and neuroinflammation
Gan Sook Yee, International Medical University, Malaysia

Networking & Refreshments

Title: Fortune from the red Carrageenan: A discovery for photoprotection
Shar Mariam Mohamed, International Medical University, Malaysia

Title: Exploration of potential Indonesian seaweeds
Noer Kasanah, Universitas Gadjah Mada Yogyakarta, Indonesia

Title: The potential of Malaysian seaweeds as the source of antifungal compounds for application in the oil palm industry
Zetty Norhana Balia Yusof, Universiti Putra Malaysia, Malaysia

Lunch Break

Panel Discussion
Award Ceremony

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Opening Ceremony

Keynote Forum

Introduction
Yoshinori Asakawa
Tokushima Bunri University, Japan
Zhao Zhongzhen
Hong Kong Baptist University, China
Kelvin Chan
The University of Sydney & Western Sydney, Australia
Jan Frederik Stevens
Oregon State University, USA

Coffee Break

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

Session Chair: Kelvin Chan, The University of Sydney & Western Sydney, Australia
Session Co-Chair: De-an Guo, Chinese Academy of Sciences, China

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

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

Title: Progress of R&D of chinese materia medica to keep up with advances in technology
De-an Guo, Chinese Academy of Sciences, China

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 Chair: Yoshinori Asakawa, Tokushima Bunri University, Japan
Session Co-Chairs: Ehab A Abourashed, Chicago State University, USA; Yong Jiang, Peking University, China

Title: Phytochemical analysis and preliminary pharmacological evaluation of horse apple as a sustainable source for bioactive isoflavones
Ehab A Abourashed, Chicago State University, USA

Title: Phytochemical and biological investigation of Verbena tenara spring cultivated in Egypt
Taqheed A Ibrahim, King Saud University, Saudi Arabia

Lunch Break

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

Title: Exploration of Morus plant as a source of bioactive chemicals
Euis Holistatan Hakim, Bandung Institute of Technology, Indonesia

Title: Targeted analysis of biomarkers for the screening of botanicals in herbal food supplements by LC-MS/MS
Christen Philippe, University of Geneva, Switzerland

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

Title: Isolation and simultaneous determination of five bioactive compounds in mushroom Inonotus obliquus
Haixia Chen, Tianjin University, China

Title: Determination of thirteen nucleosides and nucleobases in the natural fruiting body of Ophiocordyceps sinensis and its substitutes
Wenming Cheng, Anhui Medical University, China

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

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

Title: Studies on the quality analysis of traditional chinese medicines based on qHINMR technology
Yong Jiang, Peking University, China

Title: Tualang honey: An emerging natural remedy in regenerative medicine
Jun Jie Tan, Universiti Sains Malaysia, Malaysia

Title: Polyphenolic compounds from selected Malaysian ferns and their potential medicinal properties
Choon Sheen Lai, Universiti Sains Malaysia, Malaysia
Gingko Tree

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

Session Chair: Ping Zhang, Chinese Academy of Sciences, China
Session Co-Chair: Mehalingam P, V H N Senthikumara Nadar College, India

Title: Myrmecodia tuberosa effects on quorum sensing-related pathogenicity in Pseudomonas aeruginosa PAO1
Triana Hertiian, Universitas Gadjah Mada, Indonesia
Title: Anticancer agents from non edible parts of Theobroma cacao
Zainal Baharum, University Putra Malaysia, Malaysia
Title: Ethnobotany, phytochemistry and pharmacology of Stephania rotunda Lour
Camille Desgrouas, Kasetsart University, Thailand
Title: Antioxidant, antimicrobial activities and total phenolic content of Prunus spinosa L. subsp. sasyphylla (schur) domin and its secondary metabolites
Tatlı Irem, Hacettepe University, Turkey

Session Introduction

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
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
Title: Evaluation of the wound healing potentials of three Achillea species on cultured NIH3T3 fibroblasts
Tuncay Agar, Hacettepe University, Turkey
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
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
Title: Newer insights into Daodi herb research: Ecotype theory and practice
Linfang Huang, Chinese Academy of Medical Sciences, China

Coffee Break

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
Title: Isolation and structure elucidation of new cyclotetrapeptides: Ochrine A and B from Aspergillus ochraceopetaliformis
Aila Ud Din, Bacha Khan University, Pakistan
Title: Clinical study of the Prunus dulcis (Almond) shell extract on Tinea capitis infection
Nasreen Thebo, University of Sindh, Pakistan
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
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
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

Closing Ceremony