Tentative Program

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

300+ Participation

- **14+** Interactive Sessions
- **15+** Keynote Lectures
- **75+** Plenary Lectures
- **5+** Workshops

Conference Secretariat
Kemp House, 152 City Road, London EC1V 2NX, UK
Email: naturalproducts@conferenceseries.net

4th International Conference and Exhibition on

Natural Products, Medicinal Plants & Marine Drugs

June 11-12, 2018 | Rome, Italy

Scientific Program

Day 1 June 11, 2018

Hall

08:30-09:30	**Registrations**
09:30-09:50	**Opening Ceremony**
09:50-10:00	**Introduction**
	Keynote Session
Keynote-1	**Title: Arsenicin a from the marine sponge *Echinochalina Bargibanti* as a drug lead: Synthesis and antitumor evaluation of related arsenicals**
	Ines Mancini, University of Trento, Italy
Keynote-2	**Title: Anti-diabetic and anti-obesity effects of natural flavonoids**
	Hitoshi Ashida, Stanford University School of Medicine, USA
	Coffee Break @ 10:50-11:10
Keynote-3	**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
	Group Photo
Sessions: **Natural Products | Marine Biotechnology | New Sources and Approaches to Natural Products | Development of Marine Drugs and Natural Products | Natural Products Chemistry | Natural Products Drug Discovery | Phytomedicine and Phytochemistry | Medicinal Natural Products | Anti-cancer agents in Medicinal Plants |Therapeutic Drugs and Personalized Medicines**	
Chair	**TBA**
Chair	**TBA**
Talk-1	**Title: Natural sesquiterpene lactones as potential Trypanocidal and Leishmanicidal Agents**
	Liliana V. Muschietti, University of Buenos Aires, Argentina
Talk-2	**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
Talk-3	**Title: Trichiliasinenoids a-c, three novel 6,7-secomexicanolide limonoids with a 7,29-linkage from trichilia sinensis**
	Donghua Cao, Chinese Academy of Sciences, China
Talk-4	**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
	Lunch Break @ 12:55-13:50
Talk-5	**Title: *In Vivo* assessment of anti-inflammatory activity of extract and fractions from *Fagonia Olivieri***
	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
Day 2 June 12, 2018	
Keynote Session	
09:50-10:00	**Introduction**
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**
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, Clavelina 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 Argel***
	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 strigosa 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 Ouanoughi, Setif University, Algeria

Talk-21	**Title: Developing of trilobatin dihydrochalcone as a new-style of phytochemical agent**
	Mwafaq Ibdah, NeweYaar Research Center, Israel
Talk-22	**Title: Brine shrimp sethality bioassay of *Abrus Precatorius (Linn)* leaves and root extract**
	Henry Yusufu Wakawa, Universiti Malaysia, Malaysia
Talk-23	**Title: A report on *Gongronema Latifolium* , an extremely useful plant with great prospects**
	Olugbenga Morebise, All Saints University School of Medicine, Dominica
Talk-24	**Title: Accumulation and quantification of reserpine in cadmium chloride amended cultures of *R. serpentina***
	Nadia Zafar, Jamia Hamdard, India
Talk-25	**Title: Isolation, purification and chemical characterization of bioactive compounds from of Ethyl Acetate stem bark fraction *Spondias mombin (Linn)***
	Oludare Temitope Osuntokun, Adekunle Ajasin University, Nigeria
Talk-26	**Title: Ancistroyafungamines A-C, New 5,8'-Coupled Naphthylisoquinolines from a congolese ancistrocladus species**
	Séverin Muyisa Kavatsurwaa, University of Pretoria, South Africa
Talk-27	**Title: Assessment of possible efficacy of aqueous leaves extract of Psoralea Bituminosa l. for antihyperglycaemic activity**
	Radia Lemouchi, Université de Annaba, Algeria
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





















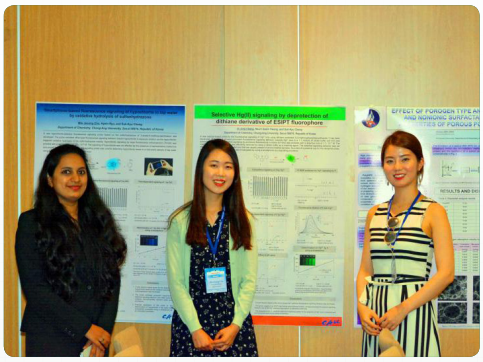




Glimpses of Natural Products Conferences













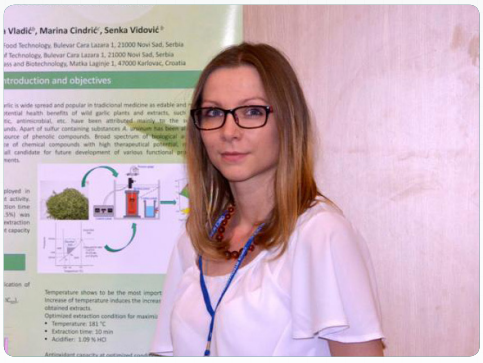












Major Scientific Sessions

- 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
naturalproducts@conferenceseries.net

Conference Venue

Rome, Italy



Best Tourist Destinations in Rome, Italy



Rome Coliseum



Colonna Palace



Hotel Tiziano Rome



Piazza del Popolo



Vatican CIty



Rome Tours



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Delightfullyitaly

2nd International Conference and Exhibition on

MARINE DRUGS & NATURAL PRODUCTS

June 15-17, 2017 London, UK



Exhibitors

BUCHI SWITZERLAND

biopharma group

Day 1 June 15,2017

Registrations

Kingsley

conferenceseries.com

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 phytotherapies 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

Keynote Forum

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

Networking & Refreshment Break

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

Gaurisankar Sa, Bose Institute, India

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

Session Introduction

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

Exhibitor Session

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

Poster Presentations
Session Continues

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

Networking & Refreshment Break

Title: Anti-inflammatory activity of the volatile oil of *Raphia australis* pulp
Muyiwa Arisekola, Walter Sisulu University, South Africa
Title: Chemical constituents from the rhizomes of *Curcuma zedoaria* and assessment of their biological activities
Omer Abdalla Ahmed Hamdi, Al-Neelain University, Sudan
Title: Characterization and biomedical applications of silver nanoparticles synthesized by Thermophilic bacteria
Riaz Muhammad, International Islamic University, Pakistan

Poster Presentations Day 2 (June 16, 2017)

NP 001	**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
NP 002	**Title: Antiviral effects of secondary metabolites from Mexican seaweeds against *Measles* virus** **Laura Trejo,** Universidad Autónoma de Nuevo León, México
NP 003	**Title: Anti-inflammatory isochromans from an endophytic fungus *Annulohypoxylon truncatum* of *Zizania caduciflora*** **Sang Hee Shim,** Duksung Women's University, South Korea
NP 004	**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
NP 005	**Title: Cytotoxicity of *Asphodelus Aestivus* against two human cancer cell lines** **Afaf Al Groshi,** UK
NP 006	**Title: Anti-Melanogenesis and anti-inflammatory effects of *Opuntia humifusain*** **Yongsub Yi,** Hoseo University, South Korea
NP 007	**Title: An efficient pipeline for marine natural product discovery** **Hou Peng,** The Hong Kong University of Science and Technology, Hong Kong
NP 008	**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
NP 009	**Title: Drug interactivity studies to define synergistic anti-malarial combinatorial regimes for Emetine dihydrochloride** **Muna Saleh Saeed Abubaker,** University of Salford, UK
NP 010	**Title: Extracts from Graviola transcriptionally inhibits the expression of receptors in breast cancer cells** **Terry Roberts,** Kings College London, UK
NP 011	**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
NP 012	**Title: Antiproliferative activity of homospisulosine and its derivatives** **Gabriela Gonciová,** Šafárik University, Slovak Republic
NP 013	**Title: Antiproliferative activity of tetrahydrofuran jaspine B analogues** **Alexandra Nagyová,** Šafárik University, Slovak Republic

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

For Speaker opportunities and related queries contact us at :

naturalproducts@conferenceseries.net; naturalproductscongress@pharmaceuticalconferences.org

Bookmark your dates

4th International Conference and Exhibition on

Marine Drugs and Natural Products

June 11-12, 2018 Rome, Italy

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International Conference and Exhibition on

Marine Drugs and Natural Products

July 25-27, 2016 Melbourne, Australia

Scientific Program



Email: naturalproducts@conferenceseries.net; naturalproducts@conferenceseries.com

Registrations

Melrose

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Opening Ceremony

Keynote Forum

Introduction

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

Networking & Refreshments

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
Track 2: New Sources and Approaches to Natural Products
Track 6: Medicinal Natural Products
Track 7: Natural Products as Anti-Cancer Drugs
Track 12: Bioactive Natural Products

Session Chair: Liang Xu, University of Kansas Cancer Center, USA
Session Chair: Jae-Ha Ryu, Sookmyung Womens University, Republic of Korea

Session Introduction

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 Womens University, Republic of Korea

Lunch Break

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

Title: "Scytonemin" 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

Networking & Refreshments

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 Motlhanka, 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

Session Introduction

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

Networking & Refreshments

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

Lunch Break

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 disorderss

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

Networking & Refreshments

Poster Presentations

NPC-001 **Title: Macranthoside B induces apoptosis and autophagy via reactive oxygen species accumulation in human ovarian cancer A2780 cells**
Yu Shan, Jiangsu Province and Chinese Academy of Sciences, China

NPC-002 **Title: Flavonoids from *Suaeda glauca* (Bunge) Bunge (Chenopodiaceae)**
Xu Feng, Jiangsu Province and Chinese Academy of Sciences, China

NPC-003 **Title: Chemical and bioactive investigation of *Kosteletzkya virginica* (Malvaceae)**
Ming Wang, Jiangsu Province and Chinese Academy of Sciences, China

NPC-004 **Title: Indole alkaloids from *Evodia rutaecarpa* (Juss.) Benth. (Rutaceae)**
Qi-zhi Wang, Jiangsu Province and Chinese Academy of Sciences, China

NPC-005 **Title: A biomedical investigation on the hepatoprotective effect of *Coriolus versicolor L* and *Salvia miltiorrhiza Bge***
Ming Hong, The University of Hong Kong, China

NPC-006 **Title: Diterpenoids from *Siegesbeckia pubescens* and their PPARγ agonist activities**
Yiping Ye, Zhejiang Academy of Medical Sciences, China

NPC-007 **Title: Inhibitors of hedgehog signaling pathway from Asclepiadaceae**
Xiaoyu Li, Zhejiang Academy of Medical Sciences, China

NPC-008 **Title: Structure modification of chalcones drivatives as Anti-Alzheimer's disease drugs**
Wenhai Huang, Zhejiang Academy of Medical Sciences, China

NPC-009 **Title: A new inhibitor of microglial neurotoxicity from marine-derived *Streptomyces sp***
Hee Jae Shin, Korea Institute of Ocean Science and Technology, Republic of Korea

NPC-010 **Title: Higher anti-liver fibrosis effect of cordyceps militaris-fermented product cultured with deep ocean water via inhibiting proinflammatory factors and fibrosis-related factors expressions**
Chun-Lin Lee, National Taitung University, Taiwan

NPC-011 **Title: Induction of adventitious root and callus from different genotypes and explant sources for coumestrol production from soybean**
Young-Eun Kim, Chungbuk National University, Republic of Korea

NPC-012 **Title: *In vitro* induction of polyploidy in roots by colchicine treatment to increase biomass and ginsenoside biosynthesis from adventitious roots of wild ginseng**
Kim-Cuong Le, Chungbuk National University, Republic of Korea

NPC-013 **Title: Scaled-up production of biomass and bioactive compounds and increased antioxidant enzyme activities in adventitious root cultures of *Polygonum multiflorum Thunb.* using an Airlift bioreactor**
Thanh-Tam Ho, Chungbuk National University, Republic of Korea

NPC-014 **Title: Bioassays-guided purification of chemical constituents with antioxidant and anti inflammatory properties from *Hemigraphis alternata***
Wong Kak Ming, Monash University, Malaysia

NPC-015 **Title: Sesquiterpenoids from the rhizomes of *Curcuma phaeocaulis* and their inhibitory effects on LPS-induced TLR activation**
Mun-Chual Rho, Korea Research Institutue of Bioscience and Biotechnology, Republic of Korea

NPC-016 **Title: Efficacy of algae Ecklonia cava extract against *Viral Hemorrhagic Speticemia Virus* (VHSV)**
Woo Song Lee, Korea Research Institutue of Bioscience and Biotechnology, Republic of Korea

NPC-017 **Title: Chemical constituents and anti-inflammatory activity of the aerial parts of *Curcuma longa***
Hyung Jae Jeong, Korea Research Institutue of Bioscience and Biotechnology, Republic of Korea

NPC-018 **Title: Screening of the natural products as novel chemical inhibitors of the PRRSV helicase, nsp10**
Ju Huck Lee, Korea Research Institutue of Bioscience and Biotechnology, Republic of Korea

NPC-019 **Title: Depigmentation of neorauflavane from campylotropis hirtella based on tyrosinase inhibition and their mechanism study**
Yeong Hun Song, Gyeongsang National University, Republic of Korea

NPC-020 **Title: Effects of seanol on the autonomous function change in female young adults with fatigue**
Whan-Seok Choi, The Catholic University of Korea, Republic of Korea

NPC-021 **Title: Potent bacterial neuraminidase inhibitors, anthraquinone glucosides from *Polygonum cuspidatum* and their inhibitory mechanism**
Zuopeng Li, Gyeongsang National University, Republic of Korea

NPC-022 **Title: Hypoglycaemic and hypolipidemic activity of *Cassia Occidentalis Linn.* stem bark extract in Streptozotocin induced diabetes**
Manjusha, Kurukshetra University, India

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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Day 1 August 25, 2014

Registrations

Gingko Tree

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 Introduction

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 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

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
Taghreed 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
Camilia George Michel, Cairo University, Egypt
Title: Exploration of Morus plant as a source of bioactive chemicals
Euis Holisotan 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 qHNMR 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

Title: Pharmacognostical and preliminary phytochemical studies on stem and leaves of *Alysicarpus monilifer*
Mehalingam P, V H N Senthikumara Nadar College, India
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

Panel Discussions

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
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
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
Title: 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
Title: The processing of *Panax notoginseng* and the transformation of its saponin components
Ying-Jun Zhang, Chinese Academy of Sciences, China
Title: Standardization of a traditional Thai antihypertensive herbal recipe using LC-MS coupling with multivariate data analysis
Tossaton Charoonratana, Rangsit University, Thailand

Coffee Break

Title: Design and evaluation of novel antibacterial agents among Benzofuran derivatives
Nehad Abdel Latif, Taif University, Saudi Arabia
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
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
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

Title: Bitter tastants alter gastric-phase postprandial hemodynamics
Michael K McMullen, University of Westminster, UK
Title: 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

Title: *Mallotus philippinensis* bark extracts promote preferential migration of mesenchymal stem cells and improve wound healing
Akito Maeda, Osaka University, Japan
Title: Immunomodulatory affects of *Hedysarum polybotrys* extract in mice macrophages, splenocytes and leucopenia
Guan-Cheng Huang, Fooyin University, Taiwan
Title: Herbal hepatotoxicity: New advances, challenges and rational usage
Jia-bo Wang, China Military Institute of Chinese Materia Medica, China
Title: Mechanism investigation of growth inhibition and apoptosis caused by Bruceine D in k562 cells
Jian-ye Zhang, Guangzhou Medical University, China
Title: Neurotrophic compounds of *Javanese Ginger, Zingiber purpureum*
Yoshiyasu Fukuyama, Tokushima Bunri University, Japan
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

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
Title: Therapeutic potentials of plant extracts
Mandavi Despande, APT Research Foundation, India
Title: GC-MS identification of Alkaloids from the Genus *Lycoris*
Ying Guo, University of Barcelona, Spain
Title: Ethnomedicinal plants used by residents in northern Surigao del sur, Philippines
Gemma A Gruyal, Surigao Del Sur State University, Philippines
Title: Proanthocyanidins are effective in preventing distant organ damage against ischemia/reperfusion injury
Ahmet Guven, Gulhane Military Medical Academy, Turkey
Title: Secondary metabolites of endophytic fungi from Morus plant
Elvira Hermawati, Bandung Institute of Technology, Indonesia
Title: Cinnamon essential oil and its major constituent cinnamaldehyde caused remarkable relaxation on isolated human corpus cavernosum
Alev Tosun, Ankara University, Turkey
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

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

Title: *Myrmecodia tuberosa* effects on quorum sensing-related pathogenicity in *Pseudomonas aeruginosa* PAO1
Triana Hertiani, 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, Kasertsart University, Thailand
Title: Antıoxidant, antımicrobıal activıties and total phenolic content of *Prunus spinosa* L. subsp. *sasyphylla* (schur) domin and its secondary metabolites
Tatli Irem, Hacettepe University, Turkey

Coffee Break

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

Lunch 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*
Ala 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

