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International Conference and Exhibition on

Marine Drugs and Natural Products

July 25-27, 2016 Melbourne, Australia

Scientific Program



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Day 1 July 25, 2016

08:30-09:30 Registrations

Melrose

conferenceseries.com 09:30-09:55 **Opening Ceremony**

Keynote Forum

09:55-10:00	Introduction
10:00-10:25	Title: Marine natural products based drug discoveries **Rongshi Li**, University of Nebraska Medical Center, USA
10:25-10:50	Title: From nature to a lead for cancer **Liang Xu**, University of Kansas Cancer Center, USA

Networking & Refreshments 10:50-11:10 @ Prefunction Area

11:10-11:35	Title: Phytopharmaceuticals: An emerging platform in modern medicine **Dilip Ghosh**, Soho Flordis International, Australia
11:35-12:00	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

12:00-12:20	Title: Natural products targeting RNA-binding protein Musashi **Liang Xu**, University of Kansas Cancer Center, USA
12:20-12:40	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
12:40-13:00	Title: Plant derived diarylheptanoids as Wnt/β-catenin pathway inhibitors **Jae-Ha Ryu**, Sookmyung Womens University, Republic of Korea

Lunch Break 13:00-13:40 @ Vargas Restaurant

13:40-14:00	Title: Synthesis of analogs of natural tubulin polymerization inhibitors using parsley and dill seed extracts **Victor V Semenov**, Russian Academy of Sciences, Russia
14:00-14:20	Title: "Scytonemin" pigment from *Lyngbya notarisii* (Menegh.) Wille (*Cyanobacteria*) may protect human skin from UV radiation **Abdul Aziz**, University of Dhaka, Bangladesh
14:20-14:40	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
14:40-15:00	Title: Efficacy of detogen-B, a medicinal plant formulation in cancer diseases **Ekenna Elikee**, Ekenna Natures Ltd., Nigeria
15:00-15:20	Title: Food plants and plant molecules affect ovarian functions **Alexander V Sirotkin**, Research Institute of Animal Production and Constantine the Philosopher University, Slovakia
15:20-15:40	Title: Isolation and characterization of a hyperbranched proteoglycan from *Ganoderma lucidum* for anti diabetes **Ping Zhou**, Fudan University, China

Networking & Refreshments 15:40-16:00 @ Prefunction Area

	Session Introduction
16:00-16:20	**Title: Impact of ethnomedicinal plants on toothpaste improvement** **Essam A Makky,** University Malaysia Pahang, Malaysia
16:20-16:40	**Title: *Rhodiola crenulata* extract regulates hepatic glycogen and lipid metabolism via activation of the AMPK pathway** **Shih-Yu Lee,** National Defense Medical Center, Taiwan
16:40-17:00	**Title: Natural neuro-protective agents from Nigerian ethnomedicine** **Taiwo Olayemi Elufioye,** University of Ibadan, Nigeria
17:00-17:20	**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

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Keynote Forum

10:00-10:25	**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
10:25-10:45	**Title: Unique drug discoveries based on marinopyrrole and novel derivatives** **Rongshi Li,** University of Nebraska Medical Center, USA
10:45-11:05	**Title: "Seed to patient": Role in clinically proven natural medicines** **Dilip Ghosh,** Soho Flordis International, Australia
	Networking & Refreshments 11:05-11:20 @ Prefunction Area
11:20-11:40	**Title: Glucosyl terpenates from the dried fruits of *Prunus domestica L*** **Shin-ichi Kayano,** Kio University, Japan
11:40-12:00	**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
12:00-12:20	**Title: Chemical diversity of limonoids from mangrove plants** **Jun Wu,** Jinan University, China
12:20-12:40	**Title: Bufadienolides with cytotoxic activity from the skins of Bufo bufo gargarizans** **Lei Wang,** Jinan University, China
12:40-13:00	**Title: Study of phytochemicals and antitumor activity of *taraxacum officinale* l. in rat** **Dawood Ahmed,** University of Haripur, Pakistan
	Lunch Break 13:00-13:40 @ Vargas Restaurant
13:40-14:00	**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
14:00-14:20	**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
14:20-14:40	**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
14:40-15:00	**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
15:00-15:20	**Title: Carrageenan and its potential use as a photoprotective agent: Anti-inflammatory and apoptotic cell death** **Haema Thevanayagam,** International Medical University, Malaysia

15:20-15:40	**Title: Determination of antioxidant activity and identification of active compounds in avocado peel** **Irma Antasionasti,** Gadjah Mada University, Indonesia
	Networking & Refreshments 15:40-15:55 @ Prefunction Area
	Poster Presentations 16:00-18:00 @ Tullamarine Room
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

10:00-10:20	**Title: Marine based ingredients for natural cosmeceuticals** **Jeanine B Downie,** Overlook and Mountainside Hospitals, USA
10:20-10:40	**Title: Seaweed extracts as potential source of new antiviral agents for bio-based cleaning wipes and filters** **Laurent Lebrun,** University of Rouen, France
10:40-11:00	**Title: Cholinesterase inhibitory and protective effects of algal compounds against neurotoxicity and neuroinflammation** **Gan Sook Yee,** International Medical University, Malaysia

Networking & Refreshments 11:00-11:20 @ Prefunction Area

11:20-11:40	**Title: Fortune from the red Carrageenan: A discovery for photoprotection** **Shar Mariam Mohamed,** International Medical University, Malaysia
11:40-12:00	**Title: Exploration of potential Indonesian seaweeds** **Noer Kasanah,** Universitas Gadjah Mada Yogyakarta, Indonesia
12:00-12:20	**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 12:20... @ Vargas Restaurant

Panel Discussion

Award Ceremony

Bookmark your dates

2nd International Conference and Exhibition on

Marine Drugs and Natural Products

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