

4<sup>th</sup> International Conference and Exhibition on  
**Natural Products, Medicinal  
Plants & Marine Drugs**

June 11-12, 2018 | Rome, Italy



UK: Conference Series Ilc LTD

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<https://naturalproducts.pharmaceuticalconferences.com/>

## Hall - Olimpica 2

conference**series.com** 09:30-09:50

## Opening Ceremony

## Keynote Forum

09:50-10:00 Introduction

Title: **Arsenicin A from the marine sponge *Echinocalina bargibanti* as a drug lead:**10:00-10:30 **Synthesis and antitumor evaluation of related arsenicals**

Ines Mancini, University of Trento, Italy

10:30-11:00 **Title: Anti-diabetic and anti-obesity effects of natural flavonoids**

Hitoshi Ashida, Stanford University School of Medicine, USA

## Networking &amp; Refreshment Break: 11:00-11:20 @ Foyer

11:20-11:50 **Title: New and bioactive compounds from Hawaiian microorganisms**

Shugeng Cao, University of Hawaii, USA

11:50-12:20 **Title: Sustainable development and the future of marine natural products in Egypt : SMIAF-Prototype project**

Mohamed Ashour Fikry Metwally, National Institute of Oceanography and Fisheries, Egypt

## Group Photo 12:20-12:35

**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**

Session Chair: Ines Mancini, University of Trento, Italy

Session Chair: Hitoshi Ashida, Stanford University School of Medicine, USA

## Session Introduction

12:35-13:00 **Title: Natural sesquiterpene lactones as potential Trypanocidal and Leishmanicidal agents**

Liliana V Muschietti, University of Buenos Aires, Argentina

## Lunch Break: 13:00-13:40

13:40-14:05 **Title: Study of acute oral toxicity and evaluation of the nephroprotective, hepatoprotective and cardioprotective properties of *Gomphrena celosioides*, *Cola nitida* and *Entandrophragma angolense* - three plants of Ivorian traditional medicine**

Bamba Abou, Université Félix Houphouët-Boigny, Ivory Coast

14:05-14:30 **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

14:30-14:55 **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 Modern College of Pharmacy, India

14:55-15:20 **Title: Cytotoxic effect of peptides isolated from sea cucumber, *Holothuria parva*, muscle protein hydrolysis on the breast cancer cell line (4T1)**

Samira Besharati, Tarbiat Modares University, Iran

15:20-15:45 **Title: Comparison of conventional and microwave assisted acid mediated pectin extraction from peels of *Manilkara zapota***

Nausheen Hameed Siddiqui, University of Karachi, Pakistan

**Networking & Refreshment Break: 15:45-16:05 @ Foyer**

- 16:05-16:30** **Title: Solid state culture and metabolites analysis of white *Antrodia cinnamomea* fruiting bodies**  
Yuh Shan Chung, Development Center For Biotechnology, Taiwan
- 16:30-16:55** **Title: Some biochemical parameters and their relation with elevation of ovary tumor marker – our experience**  
Slobodan Dunjić, Center for Integrative procedures and Supplements, Serbia
- 16:55-17:20** **Title: Presence of high blood pressure and level of some biochemical parameters – our experience**  
Dušan Vešović, VISAN - Sanitary Medical School of Applied Sciences, Serbia
- 17:20-17:45** **Title: Identification and optimization of lead compound obtained from *Celosia argentea***  
Rukhsana A Rub, Smt Kashibai Navale College of Pharmacy, India

**Panel Discussion**

**Day 2 June 12, 2018**

**Hall - Olimpica 2**

**Keynote Forum**

- 09:50-10:00** **Introduction**
- 10:00-10:30** **Title: Bioactive biomasses in food and not food application-the case study of Brassicales**  
Luca Lazzeri, Council for Agricultural Research and Economics–Cereal and Industrial Crop Research Centre, Italy
- 10:30-11:00** **Title: Stability enhancement of anthocyanins from *Hibiscus sabdariffa* with respect to their application as food colorant**  
Santosh Bhujbal, Dr D Y Patil Institute of Pharmaceutical Sciences and Research, India

**Networking & Refreshment Break: 11:00-11:20 @ Foyer**

- 11:20-11:50** **Title: A research pipeline for the discovery of bioactive small molecules with anti-aging activity from the Marine Mesophotic Zone**  
Ioannis P Trougakos, National and Kapodistrian University of Athens, Greece
- 11:50-12:20** **Title: Aquatic, semi-aquatic medicinal plants used as food and remedy in Iran**  
Mohammadbagher Rezaee, Research Institute of Forest and Rangelands, Iran

**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**

**Session Chair: Shugeng Cao, University of Hawaii, USA**

**Session Chair: Mohammadbagher Rezaee, Research Institute of Forest and Rangelands, Iran**

**Session Introduction**

- 12:20-12:45** **Title: Antioxidant and tyrosinase inhibitory activities of  $\gamma$ -keto ester derivatives of carvacrol and thymol**  
Geneive E Henry, Susquehanna University, USA

**Lunch Break: 12:45-13:30**

- 13:30-13:55** **Title: An investigation of compounds and their bioactivities from Jamaican *Gracilaria mammillaris*, *Clavelina picta* and *Plexaurella nutans***  
Doleasha Davis, The University of the West Indies–Mona, Jamaica
- 13:55-14:20** **Title: Anti-inflammatory activity of Lupalbigenin from *Derris scandens* in Raw 264.7 cells**  
Sriklung K, Srinakharinwirot University, Thailand
- 14:20-14:45** **Title: Oxodolastanes from the Jamaican brown alga, *Canistrocarpus cervicornis***  
Sanjay Campbell, The University of the West Indies–Mona, Jamaica
- 14:45-15:10** **Title: Improvement of secondary metabolites from *Phyllanthus odontadenius* against malaria by mutagenesis**  
Rufin Kikakedimau Nakweti, Regional Center for Nuclear Studies of Kinshasa, Democratic Republic of the Congo

- 15:10-15:35 **Title: Natural products with aromatic structure and their influence in vegetable systems**  
Corneliu Tanase, University of Medicine and Pharmacy, Romania
- 15:35-16:00 **Title: Evaluation of the hepatoprotective activity of the ethanol extract of *Gomphrena celesioides***  
Bamba Abou, Université Félix Houphouët-Boigny, Ivory Coast

**Networking & Refreshment Break: 16:00-16:15 @ Foyer**

**Poster Presentations 16:15-17:15**

**Poster Judge : Santosh Bhujbal, Dr D Y Patil Institute of Pharmaceutical Sciences and Research, India**

- NP-01**  
**Title: N-acetyldopamine dimers with anti-platelet aggregation activity from *Oxya chinensis sinuosa***  
InWha Park, Chungnam National University, South Korea
- NP-02**  
**Title: Cucurbitane Triterpenoids derived from *Momordica charantia* inhibit proliferation of vascular smooth muscle cells**  
DaYoung Kim, Chungnam National University, South Korea
- NP-03**  
**Title: Discorhabdin alkaloids from *Antarctic Latrunculia* spp. sponges as a new class of cholinesterase inhibitors**  
Ines Mancini, University of Trento, Italy
- NP-04**  
**Title: Comparative *in vivo* antidiabetic evaluation of Glimepiride, Fenugreek and their combination in Streptozotocin induced diabetic rats**  
Hala H Zaatout, Alexandria University, Egypt
- NP-05**  
**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
- NP-06**  
**Title: Screening British Columbia (BC) wild mushrooms for anti-cancer properties**  
Bryan Chu Chwen LIM, University of Northern British Columbia, Canada
- NP-07**  
**Title: Evaluation of the cytotoxic effect of extracts of *Cuphea aequipetala* Cav. and *Verbena carolina* L. on cancer cell lines**  
Calleros F R, Universidad Autónoma Metropolitana, Mexico
- NP-08**  
**Title: Chemical-Pharmacological study of *Centaurea americana***  
Jimenez P E, Universidad Autónoma Metropolitana, Mexico

**Panel Discussion**

**Award & Closing Ceremony**