

23rd NATURAL PRODUCTS SOCIETY OF THE PHILIPPINES CONVENTION
6-7 December 2018
Teatro Ilocandia, Mariano Marcos State University
Batac, Ilocos Norte

PROGRAMME

6 December 2018 (Thursday)

7:30_{AM} Registration

Moderator: *Prof Ryan Dean T Sucgang, Mariano Marcos State University*

9:00_{AM} Opening Ceremony
Invocation
National Anthem
Welcome Remarks **Dr Shirley C Agrupis**
President, MMSU
Opening Remarks **Dr Maribel G Nonato**
President, NPSP
Message **Gov Imee R Marcos**
Governor of Ilocos Norte

9:30_{AM} – 10:00_{AM} Keynote Address

The DOST-PCHRD Tuklas Lunas Program
Dr Amelia P Guevara
Chair, Technical Advisory Group, Tuklas Lunas Program, DOST-PCHRD

10:00_{AM} – 10:30_{AM} Opening of Poster Exhibit
Dr S Agrupis, Dr A Guevara, and Dr M Nonato

Moderator: *Dr Mafel C Ysrael, University of the Philippines-Diliman*

10:30_{AM} – 11:15_{AM} Plenary Lecture 1
“Biodiversity and Natural Products in Mindanao: Harvest for the People”
Dr Anabella P Villalobos
Central Mindanao University

11:15_{AM} – 12:00_{PM} Plenary Lecture 2
“Black Garlic Would Inhibit GABA-Metabolism and Suppress Carbonyl Stress”
Dr Kenroh Sasaki
Professor, Department of Pharmacognosy
Tohoku Medical and Pharmaceutical University, Sendai, Japan

12:00_{PM} – 1:00_{PM} Lunch

1:00_{PM} – 2:00_{PM} Poster Viewing

Moderator: *Dr Cheryll Didi Nellie N Obra, Mariano Marcos State University*

2:00_{PM} – 2:30_{PM} **Invited Speaker 1**
“Small Talk for Natural Products Research”
Dr Hiyas A Junio
Assistant Professor, Institute of Chemistry
University of the Philippines-Diliman

CONTRIBUTED PAPER SESSION 1

Moderator: *Dr Cheryll Didi Nellie N Obra, Mariano Marcos State University*

2:30_{PM} – 2:45_{PM} **Evaluation of cpDNA Barcodes in Selected Medicinal Plants of Mt. Arayat National Park, Pampanga, Philippines**
Marlon dL Suba, University of Santo Tomas

2:45_{PM} – 3:00_{PM} **Optimization of Fermentation Conditions for the Production of ACTICon™ Biocontrol Agents from Actinomycete Isolates AQ30 and AC42 Against Fusarium Wilt (*Fusarium oxysporum* f.sp. *cubense* TR4) in Cavendish Banana**
Mary Faith Y Adan, University of the Philippines-Los Baños

3:00_{PM} – 3:15_{PM} **Preliminary investigation on the floral pigments of *Strongylodon juangonzalezii* (Fabaceae) in Masungi Georeserve, Baras, Philippines**
Antonio L Rayos Jr, University of the Philippines-Los Baños

3:15_{PM} – 3:30_{PM} **DYNALAB CORPORATION PHILIPPINES**

3:30_{PM} – 4:00_{PM} **PM Break**

CONTRIBUTED PAPER SESSION 2

Moderator: *Dr Evangeline C Amor, University of Santo Tomas*

4:00_{PM} – 4:15_{PM} **Platelet augmentation activity of suma from Pinili, Ilocos Norte: Munno-munnot (*Clausena sanki*), ngarusangis (*Ehretia microphylla*), barsanga (*Eleusine indica*), and Ilocos white bawang (*Allium sativum*)**
Janelyn V Rojas, Mariano Marcos State University

4:15_{PM} – 4:30_{PM} **Antihyperuricemic potential of lyophilized Paragis (*Eleusine indica* L.) leaf extract using xanthine oxidase inhibition assay and hyperuricemic-induced Swiss mice**
Reynaldo B Coloma Jr, Mariano Marcos State University

6:00_{PM} **Conference Dinner**

7 December 2018 (Friday)

7:30_{AM} **Registration**

8:00_{AM} – 9:00_{AM} **Poster Viewing**

Moderator: *Dr Maribel G Nonato, University of Santo Tomas*

9:00_{AM} – 9:45_{AM} **Plenary Lecture 3**
“Conservation of Mushroom in Central Luzon for the Biofunctional Food Industry”
Dr Renato G Reyes
Central Luzon State University

9:45_{AM} – 10:30_{AM} **Plenary Lecture 4**
“Biological and Policy Considerations in Plant-Based Natural Products Research”
Dr Edwino S Fernando
Department of Forest Biological Sciences, College of Forestry and Natural Resources
University of the Philippines-Los Baños

10:30_{AM} – 10:45_{AM} **Break**

10:45_{AM} – 11:15_{AM} **Dr Alfredo C Santos Lecture Series**
“Improving Astaxanthin Productivity in Carotenogenic Thraustochytrid Mutants
Through Metabolic Profile Analysis”
Dr Kim Hazel V Arafiles
Assistant Professor, Department of Biological Sciences
University of Santo Tomas

CONTRIBUTED PAPER SESSION 3

Moderator: *Dr Maribel G Nonato, University of Santo Tomas*

11:15_{AM} – 11:30_{AM} **Discovery of New Pyoluteorin Analogs from Mollusks Associated Microorganism
through Antibiotic Mode of Action (BioMAP) Profiling**
Noel Lacerna II, University of the Philippines-Diliman

11:30_{AM} – 11:45_{AM} **Fruit Pericarp of Plant in the Sapindaceae Family: A Potential Source of Anti-lung
Cancer Agent**
Shem B Gempesaw Jr, University of the Philippines-Mindanao

11:45_{AM} – 12:00_{PM} **COX Inhibition, Cytotoxicity, and Metabolite Profiling of *Lasianthus trichophlebus*
Hemsl and *Guettarda speciosa* Linn**
Mark Wilson D Lagamayo, University of Santo Tomas

12:00_{PM} – 1:30_{PM} **Lunch**

Moderator: *Dr Irene M Villaseñor, University of the Philippines-Diliman*

1:30_{PM} – 2:15_{PM}

Plenary Lecture 5

“Opportunities and Challenges in Commercializing Natural Products Research”

Mr Philip S Cruz

President, Herbanext Laboratories, Inc

CONTRIBUTED PAPER SESSION 4

Moderator: *Dr Irene M Villaseñor, University of the Philippines-Diliman*

2:15_{PM} – 2:30_{PM}

Utilization of Fish Wastes as Liquid Fertilizer in the Production of Natural Foods for Fishes

Jhoanna Faye P Jacinto, Mariano Marcos State University

2:30_{PM} – 3:30_{PM}

Oathtaking of New Members

Awarding of Certificate of Appreciation to Sponsor and Exhibitors

Closing Remarks

Dr Shirley C Agrupis

President, MMSU