

*“Unified Natural Products Research and Development:
Translating to Society’s Benefit”*

PROGRAMME

06 December 2017 (Wednesday)

7:30 AM Registration

Moderator: Academician Fabian M. Dayrit

9:00 AM	Opening Ceremonies Invocation	UST Liturgikon Vocal Ensemble
	National Anthem	
	Welcome Remarks	Academician Michael L. Tan <i>Chancellor, University of the Philippines Diliman</i>
	Opening Remarks	Prof. Dr. Maribel G. Nonato <i>President, Natural Products Society of the Philippines</i>
	Welcome Message	Dr. Barry Noller <i>Chair, ASOMPS International Advisory Committee</i>
9:30 AM	Introduction of Keynote Speaker	Dr. Amelia P. Guevara
	Keynote Address	Prof. Fortunato dela Peña <i>Secretary, Department of Science and Technology</i>
10:30 AM	Group Photo	
	Opening of Poster Exhibit and Exhibitors	
	Ribbon Cutting	Sec. F. dela Pena, Chan. M. Tan and Dr. M. Nonato
	Posters and Exhibitors Viewing	
12:00 PM	Lunch	

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Moderator: Prof. Dr. Ibrahim Jantan

1:30 PM **Prof. Jack Richard Cannon Lecture (Plenary Lecture 1)**

Academician Lourdes Cruz
National Scientist

2:15 PM **Plenary Lecture 2** **Prof. Dr. Geoffrey A. Cordell,**
President, Natural Products, Inc.

*“Cognate and Cognitive Ecopharmacognosy –
Translational Challenges for the Future”*

3:00 PM PM Snack

3:30 – 5:00 PM **Parallel Sessions A1-A5**

Moderator: Dr. Intan Safinar

5:10 PM **Plenary Lecture 3** **Prof. Dr. Kazuki Saito**
*Deputy Director, RIKEN Center for
Sustainable Resource Science (CSRS) and
Group Director of Metabolomics
Laboratory and Chiba University, Japan*

*“Metabolomics-based Functional Genomics of Plant Metabolism –
From Arabidopsis to Medicinal Plants”*

5:55 PM Poster and Exhibitors Viewing

6:30 PM Conference Banquet (NIP, UPD)

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Moderator: Dr. Lilibeth Salvador-Reyes

1:30 PM **Plenary Lecture 7** **Prof. Dr. Hendrik Luesch**
*Director, Center for Natural Products
Drug Discovery & Development,
University of Florida, USA*

*“Multilevel Characterization of Marine Natural Products
as Anticancer Agents”*

2:15 PM **Plenary Lecture 8** **Prof. Dr. Fang-Rong Chang**
*Director, Graduate Institute of Natural
Products, Kaohsiung Medical University,
Taiwan*

*“Anti-allergic and Anti-inflammatory Effects of
Aquilaria malaccensis seeds”*

3:00 PM PM Snack

3:30 – 5:00 PM **Parallel Sessions B1-B4**

5:15 PM Business meeting, NPSP members

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08 December 2017 (Friday)

8:30 AM Poster and Exhibitors Viewing

Moderator: Dr. Mafel Ysrael

9:15 AM **Plenary Lecture 9** **Prof. Ibrahim Jantan**
President, Malaysian Natural Products Society and University Kebangsaan Malaysia

“Plant-derived Immunomodulators: Insights into their Molecular Mechanisms Underlying Innate and Adaptive Immune Responses”

10:00 AM AM Snack

10:30 AM **Plenary Lecture 10** **Prof. Yoshinori Asakawa**
President, Phytochemical Society of Asia, Tokushima Bunri University, Japan

“Characteristic Scent and Pungent Constituents from Several Medicinal Plants, Liverworts and Insects”

11:15 AM **Plenary Lecture 11** **Prof. Gisela Concepcion**
Marine Science Institute, University of the Philippines Diliman

“Ecological, Biological and Chemical Diversity Leads from Marine and Terrestrial Ecosystems for Drug Discovery and Development”

12:00 PM Lunch

1:30 -3:00 PM **Parallel Sessions C1-C4**

3:00 PM PM Snack

Moderator: Dr. Evangeline C. Amor

3:30 PM **Closing Keynote Lecture** **Dr. Annabelle de Guzman**
Director, Philippine Institute of Traditional and Alternative HealthCare (PITAHC), DOH

4:00 PM Closing Ceremony

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	Session A1	Session A2	Session A3	Session A4
	Dr. Alicia M. Aguinaldo	Dr. Mohammad Shoeb	Dr. Doralyn Dalisay	Dr. Mario Tan
3:30 - 4:00	Metabolomic Evidence for Traditional Medicinal Plants Dr. Intan Safinar Ismail <i>Universiti Putra Malaysia</i>	Molecular Diversity of Secondary Metabolites in Philippine Honey and Identification of Its Biomarkers Dr. Jonel P. Saludes <i>University of San Agustin</i>	Bioactive Compounds from the Endophytic Fungi and Medicinal plants of Bangladesh Prof. Dr. Choudhury Mahmood Hasan <i>University of Dhaka, Bangladesh</i>	Discovery and Development of Natural Products from Mindanao Dr. Mylene M. Uy <i>Mindanao State University – Iligan Institute of Technology</i>
4:00 - 4:20	Improved Material Sourcing of <i>Curculigo orchioides</i> Gaertn. by Thidiazuron-Induced Multiple Shooting Dr. Lourdes Cardenas <i>University of the Philippines, Los Baños</i>	Evaluation of Antioxidant Potential of <i>Artocarpus heterophyllus</i> L. J33 Variety Fruit Waste from Different Extraction Methods and Identification of Phenolic Constituents by LCMS Dr. Rohaya Ahmad <i>Universiti Teknologi MARA</i>	PGE2 Inhibitory Activity of Flavonoids from the Twigs of <i>Cynometra cauliflora</i> Linn. Norizan Ahmat <i>Universiti Teknologi MARA, Selangor, Malaysia</i>	Traditional Medicinal Plants in the Philippines, 16th to the 19th Century: A Catalog of Remedies for Everyday Use Ma. Mercedes Planta <i>University of the Philippines Diliman</i>
4:20 - 4:40	Enhancement of α -Glucosidase Inhibitory Activity of Natural Products by Schiff Base Formation Art Petate <i>University of the Philippines Diliman</i>	Functional and Morphological Evidence of Platelet Recovery in Thrombocytopenic SD Rats due to <i>Euphorbia hirta</i> (Euphorbiaceae) Decoction Joven Apostol <i>University of Santo Tomas, Manila</i>	¹ H NMR-Based Metabolomics Study of <i>Clinacanthus nutans</i> Extract in Alleviating Anaphylaxis Faridah Abas <i>Universiti Putra Malaysia, Selangor, Malaysia</i>	Synthesis of Novel Flavone Hydrazones: <i>In vitro</i> Evaluation of α -Glucosidase Inhibition, QSAR Analysis and Docking Studies Dr. Nor Hadiani Ismail <i>Universiti Teknologi MARA</i>

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4:40 - 5:00	<p>Total Synthesis of the Cyclotide Kalata B2 Ramoncito Luis De Boda <i>University of the Philippines Diliman</i></p>	<p>The Potency of <i>Justicia gendarussa</i> Burm.f. as Anti-HIV Dr. Bambang Prajogo <i>Universitas Airlangga</i></p>	<p>Chemical Diversity of a Philippine Cyanobacterium <i>Hapalosiphon</i> sp. Collection and Characterization of a New Cyanobactin Analogue Dr. Lilibeth Salvador-Reyes <i>University of the Philippines Diliman</i></p>	<p>Antibacterial Activity of Dihydrostilbenes from <i>Macaranga heynei</i> (Euporbiaceae) Aisyah Salihah Kamarozaman <i>Universiti Teknologi MARA, Selangor, Malaysia</i></p>
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Session A5: PCHRD Research-Industry Dialogue : Tuklas Lunas Centers Researchers and Industry

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	Session B1	Session B2	Session B3	Session B4
	Dr. Lourdes Cardenas	Dr. Jonel Saludes	Dr. Mylene Uy	PCHRD
3:30 - 4:00	Clinical Research in Herbal Drugs:A Basic Requirement Dr. Cecilia C. Maramba-Lazarte <i>University of the Philippines, Manila</i>	So what does it take: My 20-year effort in turning research into products in the US and the Philippines Gonzalo C. Serafica <i>USAID-STRIDE</i>	Philippine Marine Sediment-Derived Actinobacteria: Biodiscovery Hot Niche for Natural Products Dr. Doralyn S. Dalisay <i>University of San Agustin</i>	Philippine Council for Health Research and Development Roundtable discussion on Medicinal Plants and Health and Wellness
4:00 - 4:20	Monographs on Medicinal Plants in Malaysia: The Significance of Standardization for Safety and Efficacy of Herbal Medicines Dr. Jamia Azdina Jamal <i>Universiti Kebangsaan Malaysia</i>	Evaluation of Antidepressive-like Effect of <i>Centella asiatica</i> on Reserpine-induced Depression-like Zebrafish Model Dr. Fauziahanim binti Zakaria <i>University Putra Malaysia</i>	Isolation of Biologically-active Metabolites from the Endophytic Fungus <i>Annulohyphoxylon stygium</i> Isolated from <i>Pandanus simplex</i> Leaves Roberth Riggs Rondilla <i>University of Santo Tomas</i>	
4:20 - 4:40	<i>Citrus microcarpa</i> EO-loaded Niosomes: Preparation, Characterization and Cytotoxicity on MCF-7 Cells Claire Palma <i>University of Santo Tomas</i>	Antibacterial Activity of <i>Cajanus cajan</i> Seed Extract and its Antibacterial Mechanism of Action Against Multidrug-resistant Bacteria Jenny Marie G. Dalman <i>University of San Agustin</i>	Preliminary Toxicity and Antioxidant Properties of The Crude Leaf Extracts of <i>Cnidocolus Chayamansa</i> (“Chaya”) Jilly B. Espinosa <i>Mindanao State University-Iligan Institute of Technology</i>	

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4:40 - 5:00	<p>Mechanism-Based Antibacterial Activities of Marine Sediment-Derived <i>Streptomyces</i> Collected from Romblon Islands, Philippines</p> <p>Melissa Paderog <i>University of San Agustin</i></p>	<p>An Ibogan Alkaloid Chemotaxonomic Marker from Endemic <i>Tabernaemontana ternifolia</i></p> <p>Rhea Garcellano <i>Palawan State University</i></p>	<p>Development of a Multivariate HPTLC Method for Plant Profiling</p> <p>John Daniel Magsalin <i>Ateneo de Manila University</i></p>
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	Session C1	Session C2	Session C3	Session C4
	Dr. Hiyas Junio	Dr. Intan Safinar Ismail	Dr. Joven Apostol	Philippine Environmental Mutagens Society (PEMS)
1:30 - 2:00	DR. ALFREDO C. SANTOS LECTURE Ficusnotins A-F: Rare Diarylbutanoids from the Leaves of <i>Ficus nota</i> Dr. Felmer Latayada <i>Caraga State University</i>	Natural Products for Drug Discovery in Bangladesh Dr. Mohammad Shoeb <i>University of Dhaka</i>	Engineering of Farnesyl Phosphate Synthase, a Key Enzyme for Antimalarial Artemisinin Biosynthesis in <i>Artemisia annua</i> Dr. Elfahmi <i>Bandung Institute of Technology</i>	1:30-2:00 The Coconut Genome: Insights into Palm Evolution and Its Value in Plant Traceability and Marker Development for Traits Cynthia P. Saloma, PhD <i>Philippine Genome Center University of the Philippines</i>
2:00 - 2:20	Enhancement of <i>alpha</i> -Glucosidase Inhibitory Activity of KLPGF by C–Terminal Truncation Jiena Lynne Pauco <i>University of the Philippines Diliman</i>	Secondary Metabolites from <i>Cycas aenigma</i> Vincent Ng <i>De La Salle University</i>	Secondary Metabolite Profiling of <i>Coccinia grandis</i> (L.) Voigt Extracts Using Gas Chromatography-Mass Spectrometry Robert Ortega <i>University of the Philippines Diliman</i>	2:00-2:30 Transcriptome Analysis of Candidate Genes for Metal Transport: A Step Towards Mainstreaming Zinc into Rice Breeding Jessica Rey <i>University of the Philippines Diliman</i>
2:20 - 2:40	Exploring Cyclotides in Philippine Plants Arwin Atis <i>University of the Philippines Diliman</i>	Partial Purification of β -Lactamase Inhibitors from P3178 Ethanolic Pericarp Extracts Marvin Angelo E. Aberin <i>University of the Philippines Manila</i>	Water Activity and Plant Extract Profile Test Kits for Dried Leaves of <i>Blumea balsamifera</i> and <i>Vitex negundo</i> Sarah May Sibug <i>Ateneo de Manila University</i>	

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<p>2:40 - 3:00</p>	<p>A Glucomannan with α- Glucosidase Inhibitory Activity Isolated from the Leaves of <i>Antidesma microcarpum</i> Elm. John P. Paulin <i>University of Santo Tomas</i></p>			<p>2:30-3:00</p> <p>Identifying Core Group of Microbes Involved in Cacao Fermentation Using Genomics Jessica F. Simbahan <i>University of the Philippines Diliman</i></p>
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