# Diamond

# Student Oral Session 2 Chair: ASNP director, Bungorn Sripandikulchai

### S2 – 1 16:50 –17:02

Putative Identification of Cytotoxic Compounds from an Isolate of a Philippine Endemic Plant against Human Colon Carcinoma Cells (HCT-116) Using High-Resolution Mass Spectrometry

Jeff D. Dela Cruz<sup>1,2</sup> and Sonia D. Jacinto<sup>1\*</sup>

<sup>1</sup>Institute of Biology, University of the Philippines - Diliman, Quezon City, Philippines, <sup>2</sup>Institute of Chemistry, University of the Philippines - Diliman, Quezon City, Philippines

#### S2 - 2 17:02 - 17:14

Antioxidant Activities from *Syzygium gratum* (Wight) S.N. Mitra var. gratum Young Leaf Extracts Wilailuck Leamklang<sup>1</sup>, Ekaruth Srisook<sup>2,4</sup>, Chatchawin Petchlert<sup>3,4\*</sup>

<sup>1</sup>Biological Science Graduate Program, Faculty of Science, Burapha University, Chon Buri, 20131, Thailand, <sup>2</sup>Department of Chemistry, Faculty of Science, Burapha University, Chon Buri, 20131, Thailand, <sup>3</sup>Department of Biochemistry, Faculty of Science, Burapha University, Chon Buri, 20131, Thailand, <sup>4</sup>Center of Excellence for Innovation in Chemistry (PERCH-CIC), Faculty of Science, Burapha University, Chon Buri, 20131, Thailand

#### S2 - 3 17:14 - 17:26

Bioactivity Studies for Cosmetics Application of Koon (Cassia fistula) Extract

<u>Phongchai Kanjanamanee</u><sup>1</sup>, Aranya Manosroi<sup>1,2</sup>, Supakorn Silakate<sup>1</sup>, In Chul Lee<sup>3</sup>, Amando Bu Young Choi<sup>3</sup> and Jiradej Manosroi<sup>1,2\*</sup>

<sup>1</sup>Division of Cosmetic Technology, Faculty of Engineering and Technology, North-Chiang Mai University 169 M.2 Tambol Nongkaew Amphur Hangdong, Chiang Mai 50230, Thailand, <sup>2</sup>Manose Health and Beauty Research Center, www.manose.co, <sup>3</sup>Department of Cosmetic Science and Technology, Seowon University 377-3 Musimseoro, Heungdeok-gu, Cheongju, Chungbuk, 361-742, Korea

## S2 - 4 17:26 - 17:38

Antioxidant and Tyrosinase Inhibition Activities of Laurel Clock Vine (*Thunbergia laurifolia* Lindl) Extracts <u>Wiroon Khaminta</u><sup>1</sup>, Aranya Manosroi<sup>1,2</sup>, Ruthaphan Santianotai<sup>1</sup>, Amando Bu Young Choi<sup>3</sup>, In Chul Lee<sup>3</sup> and Jiradej Manosroi<sup>1,2\*</sup>

<sup>1</sup>Division of Cosmetic Technology, Faculty of Engineering and Technology, North-Chiang Mai University 169 M.2 Tambol Nongkaew Amphur Hangdong, Chiang Mai 50230, Thailand, <sup>2</sup>www.manose.co, <sup>3</sup>Department of Cosmetic Science and Technology, Seowon University 377-3 Musimseoro, Heungdeok-gu, Cheongju, Chungbuk, 361-742, Korea

#### S2 - 5 17:38 - 17:50

AKT Upregulation by Morin Hydrate Suppresses *E. coli* (Clinical Isolate 3347) Induced Sepsis via Caspase-1 in Male Wistar Rats

Chanchal Sharma and Sun Chul Kang\*

Department of Biotechnology, College of Engineering, Daegu University, Jillyang, Naeri-ri, Gyeongsan, Gyeongbuk-38453, Republic of Korea