



## I2CANPRoTech II

2<sup>nd</sup> Iloilo International Conference on Advanced Natural Products Technologies  
and USA–AuRIns Bilateral Research Conference

March 6-8, 2024

University of San Agustin, Iloilo City, Philippines

**Theme:** Omics Odyssey: Translating Natural Product Discoveries into  
Technologies for Better Health Outcomes

*In Celebration of the 120<sup>th</sup> Year Anniversary of University of San Agustin*

## POSTER PRESENTATIONS

UNDERGRADUATE AND SHS POSTERS		PROFESSIONAL POSTERS	
Topic: <b>Metabolomics, Proteomics and Genomics</b>		Topic: <b>Metabolomics, Proteomics and Genomics</b>	
Venue: <i>CPMT Lobby, Ground Floor</i>		Venue: <i>CPMT Lobby, Ground Floor</i>	
Poster Number	Presentation	Poster Number	Presentation
UM-01	<p><b>Ma. Rosette M. Dela Cruz</b>, Virgil Elijah E. Noriega, Jeff Rvyl P. Pillora, Julnafa B. Libo-on</p> <p>Philippine Science High School - Western Visayas Campus, Department of Science and Technology, Bito-on, Jaro, Iloilo City, Philippines</p> <p><i>Chitosan Extraction from Perna viridis Shells: Effect of Varying Deproteinization and Demineralization Sequences</i></p>	PM-01	<p><b>Jason C. Alcano</b>, Anna Karen C. Laserna, Deanne Hazel D. Pelobello, Drexel H. Camacho, Gina B. Barbosa</p> <p>Department of Chemistry, Central Mindanao University, University Town, Musuan, Maramag, Bukidnon, Philippines</p> <p>Natural Products Research and Development Center, Central Mindanao University, University Town, Musuan, Maramag, Bukidnon, Philippines</p> <p>Central Instrumentation Facility, De La Salle University Campus, LTI Spine Road, Barangays Biñan and Malamig, Biñan, Laguna, Philippines</p> <p>Mass Spectrometry Facility, Center for Research and Development, Davao Medical School Foundation Inc., Davao City, Philippines</p> <p><i>Metabolomics Coupled with Small-scale Cultivation as a Sustainable Bioprospecting Strategy for Philippine Endemic Zingiberaceae species: A Case Study with Pano'on (Hornstedtia conoidea Ridl.)</i></p>

<p><b>UM-02</b></p>	<p><b>Lexter R. Natividad</b>, Holaxia Breanna C. Alvarez, Julianne Grace DL. Galapon, Mikaella Grace C. Tamba</p> <p>Department of Science Education, Central Luzon State University, Science City of Muñoz, Nueva Ecija, Philippines</p> <p>University Science High School, Central Luzon State University, Science City of Muñoz, Nueva Ecija, Philippines</p> <p><i>Phytochemical Constituents, Pigments, Antioxidants, and In Vitro Anti-inflammatory Activities of Selected Plants in the Philippines</i></p>	<p><b>PM-02</b></p>	<p><b>Allysa Krystal F. Pascasio</b>, Arcell Kyle T. Masaoay, Saimah G. Hadji Manan, Patricia Beatrice Q. Jacome, Julia Angelina C. Violago, Eugene Marc D. Cera III, MSP1</p> <p>Pharmacy Department, Centro Escolar University, Makati, Philippines</p> <p><i>In-vitro Alpha-amylase Inhibitory and Glucose Uptake Activities of Kuningag Leaves (Cinnamomum Myrianthum Merr.) Ethanolic Crude Extract</i></p>
<p><b>UM-03</b></p>	<p><b>Gian Rhick Balgos</b>, Jehnn Rae Mckenzie, Toni Claire Aris, Lordwyn Jian Bagares, Trexie Doan Balarido, Danica Baldevarona, Ray Christopher Banaynal, Wench Prinnj Bandajandong, Vincent Joshua Bendo, Jamille Caberoy, Gillea Marie Carmona, Elyn Alexa Casela, Daisy A. Acorda, Ma. Socorro Leong-on</p> <p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>In-vitro Acaricidal Activity of the Crude Methanolic Extract from Dioscorea hispida (Kayos) Tuber Against Rhipicephalus sanguineus (Brown Dog Tick) Adult</i></p>	<p><b>PM-03</b></p>	<p><b>Karen Claire S. Ebreo</b>, Maria Celia D. Malay</p> <p>Department of Biology, University of San Agustin, Iloilo City, Philippines</p> <p>Marine Science Institute, University of the Philippines Diliman, Quezon City, Philippines</p> <p><i>Molecular Genetics of Anchialine Shrimp Antecaridina lauensis (Decapoda: Caridina: Atyidae) from Guimaras and Siquijor Philippines</i></p>
<p><b>UM-04</b></p>	<p><b>Ryckxeian Isaiah A. Alcubilla</b>, Brandon Bonn Robby A. Rodriguez, Gabriel Alfonso J. Samson, Fernando Christian G. Jolito III, Maria Deanna B. Jolito</p> <p>Philippine Science High School - Western Visayas Campus, Department of Science and Technology, Bito-on, Jaro, Iloilo City, Philippines</p> <p><i>Inhibitory Potential of Novel Phytochemicals Against The Salicylate Synthase (MbtI) Enzyme Of Mycobacterium tuberculosis</i></p>	<p><b>PM-04</b></p>	<p><b>Reynatha Chrestella Amandara Pangsibidang</b>, Yuli Subiakto, Taufik Riadi, Sugindro</p> <p>Faculty of Military Pharmacy, The Republic of Indonesia Defense University, Kawasan IPSC Sentul, Kabupaten Bogor, Jawa Barat, Indonesia</p> <p><i>Phytochemical Analysis and Standardization of Capsaicin as a Potential Riot Control Agent: A Study on Capsicum annum from Regions in Indonesia</i></p>

<p><b>UM-05</b></p>	<p><b>Jacob Noel M. Inguito</b>, Gian Carlo V. Tambago, Jhenica Jade T. Tan, Reynaldo L. Garcia, Evangeline C. Amor</p> <p>Terrestrial Natural Products Laboratory, Institute of Chemistry, National Science Complex, University of the Philippines Diliman, Diliman, Quezon City, Philippines</p> <p>Disease Molecular Biology and Epigenetics Laboratory, National Institute of Molecular Biology and Biotechnology, National Science Complex, University of the Philippines Diliman, Diliman, Quezon City, Philippines</p> <p><i>Phytochemical Profile and Antimigration Activity of Annona muricata L. Leaf Extracts</i></p>	<p><b>PM-05</b></p>	<p><b>Anis Low Muhammad Low</b>, Sharifah Aminah Syed Mohamad, Siti Hajar Sadiran, Intan Azzween Natasha Ahmad Razi</p> <p>Faculty of Applied Sciences, UiTM Negeri Sembilan Branch, Kuala Pilah Campus, Kuala Pilah, Negeri Sembilan, Malaysia</p> <p>Faculty of Applied Sciences, UiTM Shah Alam, Shah Alam Selangor, Malaysia</p> <p>Atta-ur-Rahman Institute for Natural Products Discovery, UiTM Puncak Alam Campus, Puncak Alam, Selangor, Malaysia</p> <p><i>Elicitation of Cryptic Secondary Metabolites and Antibacterial Activities from Lime Stone Cave Soil Actinomycetes</i></p>
<p><b>UM-06</b></p>	<p><b>Andrie Franz Marie F. Guanco</b>, Jhon Rey B. Dabalus, Marian Faith G. Galido, Ronalyn Kae G. Obrique, Jenelle Mae B. Sanchez</p> <p>Department of Biology, College of Liberal Arts Sciences and Education, University of San Agustin, Iloilo City, Philippines</p> <p><i>Phytochemical Screening and Antibacterial Activity of Ethanolic Leaf Extract of Clitoria ternatea (Butterfly Pea)</i></p>	<p><b>PM-06</b></p>	<p><b>Diana S. Amago</b>, Edna M. Sabido, Sheeny Fane L. Leonida, Jose Jeffrey Wayne B. Maybay, Carmela Vannette B. Vicera, May C. Octaviano, Jonel P. Saludes, Doralyn S. Dalisay</p> <p>Center for Chemical Biology and Biotechnology, Center for Natural Drug Discovery and Development, Department of Biology, Department of Chemistry, College of Liberal Arts, Sciences, and Education, University of San Agustin, Iloilo City, Philippines</p> <p><i>Bioactivity Variations and Chemodiversity of Genetically Identical Streptomyces albogriseolus Strains from Marine Sediments of Islas de Gigantes, Iloilo, Philippines</i></p>
<p><b>UM-07</b></p>	<p><b>Maria Isabelle R. Rentino</b>, Zaphia Celisse C. Sorongon, Ellen Faye Ann P. Yabut, Angelo P. Olvido, Jiara Laine T. Montaña</p> <p>Philippine Science High School - Western Visayas Campus, Department of Science and Technology, Bito-on, Jaro, Iloilo City, Philippines</p> <p><i>Preliminary Phytochemical Screening and Potential Anti-urolithiatic Activity of P. indica Leaves</i></p>	<p><b>PM-07</b></p>	<p><b>Jason. C. Alcano</b>, John Lennon L. Calorio, Genevieve D. Tupas</p> <p>Research and Development Center for Maternal and Child Health, Davao Medical School Foundation, Inc., Davao City, Philippines</p> <p>Center for Research and Development, Davao Medical School Foundation, Inc., Davao City, Philippines</p> <p>College of Medicine, Davao Medical School Foundation, Inc. Davao City, Philippines</p>

			<p>Chemistry Department, School of Arts and Sciences, Ateneo de Davao University, Davao City, Philippines</p> <p>Department of Mathematical Sciences, College of Science and Mathematics, University of Science and Technology of Southern Philippines, Cagayan de Oro City, Philippines</p> <p><i>Investigating Metabolomics Research Trends, Themes, and Analytical Platforms in the Philippines Using Bibliometric Data</i></p>
<b>UM-08</b>	<p><b>Maria Ynna Chantal Detablan</b>, Gerald Anthony Jaen, Relicardo Coloso</p> <p>Department of Chemistry, University of San Agustin, Iloilo City, Philippines</p> <p>Center for Natural Drug Discovery and Development (CND3), University of San Agustin, Iloilo City, Philippines</p> <p><i>Computational Validation of the Inhibitory Activity of N1,N10-diferuloylspermidine from Pineapple Fruit (Ananas comosus) on Human Pancreatic Lipase Using Molecular Docking</i></p>	<b>PM-08</b>	<p><b>Kimnard Joseph M. Duat</b>, Chona D. Gelani</p> <p>Department of Chemistry, College of Science and Mathematics, Mindanao State University – Iligan Institute of Technology, Iligan City, Lanao del Norte, Philippines</p> <p><i>Inhibitory Activities of a Marine Red Alga Galaxaura oblongata Against A-Glucosidase, Angiotensin-converting Enzyme, and Acetylcholinesterase</i></p>
<b>UM-09</b>	<p><b>Jherica A. Umali</b>, Ziyi Jesica G. Aduana, Althea Lorraine Jules D. Servano, Harold P. Mediodia, Zennifer L. Oberio</p> <p>Philippine Science High School - Western Visayas Campus, Department of Science and Technology, Bito-on, Jaro, Iloilo City, Philippines</p> <p><i>Evaluating the Protective Effects of Aloe Vera Gel (AVG) Edible Coating on Citrofortunella microcarpa (Calamansi) Fruit Decay Caused by Penicillium spp. Postharvest</i></p>		
<b>UM-10</b>	<p><b>Anna Isabella E. Barnuevo</b>, Mary Joy M. Abkilan, Freshia Alyssa Ashley S. Agan, Ma. Anjelica B. Almoete, Jielyn Anne L. Bastian, Shean Drey D. Brigola, Ma. Eberlin Farnaby P. Celiz, Erika Belle D. Contreras,</p>		

	<p>Bethany Louise A. Cuizon, Elaiza Eunice A. Dalaga, Ma. Socorro Leong-on</p> <p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Phytochemical Analyses and Cytotoxicity Activity using Artemia salina (Brine Shrimp) Lethality Assay of Caladium bicolor (Angel Wings) and Alocasia sanderiana (Kris Plant) Crude Ethanolic Leaf Extracts</i></p>		
<b>UM-11</b>	<p><b>Van Kaizer J. Ibañez</b>, Leithold Alexis O. Ronquillo, Ziron John A Valaquio, Aris C. Larroder, Stephen G. Sabinay</p> <p>Philippine Science High School - Western Visayas Campus, Department of Science and Technology, Bito-on, Jaro, Iloilo City, Philippines</p> <p><i>The Evaluation of the Optical Properties and the Thermal Stability of Photoactive Proteins Extracted from Zea mays (Corn) Leaves</i></p>		
<b>UM-12</b>	<p><b>Nephriteri Generale</b>, Danielle Dalman, Mariel Rose Villarubia, Sheather Brianna Mikeselle Mucoy, Kevin Jace Miranda, Fleurdeliz Maglangit</p> <p>Department of Biology and Environmental Science, College of Science, University of the Philippines Cebu, Lahug, Cebu City, Philippines</p> <p>Natural Products Laboratory, Center for Drug Discovery and Development, College of Pharmacy</p> <p>The Graduate School, Adamson University, 900 San Marcelino St., Ermita, Manila, Philippines</p> <p><i>Antimicrobial Activity and LC-MS Analysis of Thermophilic and Mesophilic Bacteria Isolated from the Wellhead and Pool Sites of Mainit Hot Springs, Malabuyoc, Cebu, Philippines</i></p>		

UNDERGRADUATE AND SHS POSTERS		PROFESSIONAL POSTERS	
Topic: <b>Enabling Technologies for Food and Natural Products</b> Venue: <i>CPMT Lobby, Ground Floor</i>		Topic: <b>Enabling Technologies for Food and Natural Products</b> Venue: <i>CPMT Lobby, Ground Floor</i>	
Poster Number	Presentation	Poster Number	Presentation
<b>UE-01</b>	<p><b>Gerardo Rafael N. Tallador</b>, Cheyenne L. Fabros, Mayden Grace T. Gayatgay, Angel E. Geaga, Jea Camille G. Gemal, Mary Jane M. Libo-on, Carlos Ivann M. Martin, Angelei E. Matutina, Anne Nicole Occeña, Brend Marah T. Trofeo, Rhymark A. Tuares, Almar C. Uy, Dannie Anne L. Carreon</p> <p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Screening of Anti-Mutagenic Potency of Lactic Acid Bacteria Isolated from Nypa fruticans Wurmb. Sap</i></p>	<b>PE-01</b>	<p><b>Elijah Joy M. Suladay</b>, Jeannemar Genevive Y. Figueras</p> <p>University of San Agustin, Iloilo City, Philippines</p> <p>West Visayas State University, Iloilo City, Philippines</p> <p><i>Evaluation of Management Practices in Lettuce (Lactuca sativa) Farms in Relation to Population of Lactic Acid Bacteria in Soils of Urban and Rural Organic Farm</i></p>
<b>UE-02</b>	<p><b>Maria Antoinette D. Lopez</b>, Lorenzo K. Garcia, Jeff Emmanuel N. Sambrano, Julnafa B. Libo-on, Fritz Z. Ortigas</p> <p>Philippine Science High School - Western Visayas Campus, Department of Science and Technology, Bito-on, Jaro, Iloilo City, Philippines</p> <p><i>Effect of Various Sorbent Mass of Calcined Golden Apple Snail (Pomacea canaliculata) for Phosphate Removal in Aqueous Solution</i></p>	<b>PE-02</b>	<p><b>Amalina Mohd Tajuddin</b>, Nur Syafiqah Mohd Alwi, Muhamad Azwan Hamali, Arif Naim Rosnizam, Anis Low Muhammad Low, El Hassane Anouar</p> <p>Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia</p> <p>Atta-ur-Rahman Institute for Natural Product Discovery, UiTM Kampus Puncak Alam, Bandar Puncak Alam, Selangor, Malaysia</p> <p>UiTM Cawangan Negeri Sembilan, Kampus Kuala Pilah, Pekan Parit Tinggi, Kuala Pilah, Negeri Sembilan, Malaysia</p> <p>Department of Chemistry, College of Science and Humanities, Prince Sattam bin Abdulaziz University in Al Kharj, Saudi Arabia</p> <p><i>Crystallographic, antibacterial, and In Silico Studies of Ni(II) and Cu(II) Schiff Base Complexes Derived from 2-acetylpyridine</i></p>

<p><b>UE-03</b></p>	<p><b>Patricia Jeanne A. Ramos</b>, Vincent E. Villanueva, Georgia Ilyana B. Borja, Minerva L. Daya, PhD, Mark Kevin P. Devanadera, MSc, Alexis M. Labrador, MSc</p> <p>Department of Biochemistry, Faculty of Pharmacy, University of Santo Tomas, Manila, Philippines</p> <p><i>Cytotoxic Activity of Methanolic Extract of Syzygium curranii Seeds Against HCT116 Cancer Cell Line</i></p>	<p><b>PE-03</b></p>	<p><b>Dion Paul C. Caspe</b>, Chin Hoe Teh, Julius Adam V. Lopez, Jonel P. Saludes</p> <p>Magnetic Resonance Facility, University of San Agustin, Iloilo City, Philippines</p> <p>Bruker Malaysia Sdn Bhd, Bayan Lepas, Malaysia</p> <p>Center for Natural Drug Discovery and Development, University of San Agustin, Iloilo City, Philippines</p> <p>Balik Scientist Program, Philippine Council for Health Research and Development, Department of Science and Technology, Gen. Santos Avenue, Bicutan, Taguig City, Philippines</p> <p><i>Quantification of Sugars in Philippine Muscovado using qNMR</i></p>
<p><b>UE-04</b></p>	<p><b>Neva Angel S. Sermona</b>, Chelzea Mae A. Maningo, Sarah Andrea H. Matulac, Scott Kirk S. Noble, Jamie Kathryn Pe, Ma. Shanley P. Pecate, Hanselle B. Tiro1, Rhena Therese S. Tordesillas, Nikka Mae V. Tuhao, Queenie D. Trinidad, King Fritz Nickolo G. Verdad, Dannie Anne Carreon</p> <p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Screening of Basella rubra (Malabar Spinach) Fruit Extract as Natural Stain in Microscopic Observation of Animal Tissues</i></p>	<p><b>PE-04</b></p>	<p><b>Christian Lloyd R. Evangelista</b>, Zaila F. Payag, Kimberly P. Viron, Lucilla E. Barrion, Julius L. Leaño, Jr.</p> <p>Research and Development Division, Philippine Textile Research Institute, Department of Science and Technology, Bicutan Taguig City, Philippines</p> <p><i>Enhanced Production of Natural Red Pigment from Serratia marcescens ATCC 14041 for Silk Textile Dyeing</i></p>
<p><b>UE-05</b></p>	<p><b>Mary Khezyll A. Galvan</b>, Leanne Clarisse M. Losañes, Ma. Andrea Leonessa V. Ruel, Athenes Joy P. Aban, Amafe B. Gavile-Torrecampo, Zennifer L. Oberio</p> <p>Philippine Science High School - Western Visayas Campus, Department of Science and Technology, Bito-on, Jaro, Iloilo City, Philippines</p>	<p><b>PE-05</b></p>	<p><b>Bryan M, Montalban</b>, Hiroshi Hinou</p> <p>Laboratory of Advanced Chemical Biology, Graduate School of Life Science, Hokkaido University, Sapporo 001-0021, Japan</p>

	<p><i>Evaluating the Antibiofilm Activity of the Methanol Crude Extracts of Ulva reticulata (Ribbon Sea Lettuce) Sourced from Two Locations within Western Visayas</i></p>		<p>Frontier Research Center for Advanced Material and Life Science, Faculty of Advanced Life Science, Hokkaido University, Sapporo 001-0021, Japan</p> <p>Chemistry Department, De La Salle University, Manila, Philippines</p> <p><i>Glycoblotting Enables a Straightforward Workflow for Large-Scale MALDI-TOF/MS-based Sulfoglycomics</i></p>
<b>UE-06</b>	<p><b>Izza Marie D. Paguntalan</b>, Paula Jarrina I. Dela Torre, Ivy Meglaire L. Quitar, Noel Peter Bengzon Tan</p> <p>Department of Chemical Engineering, College of Technology, University of San Agustin, Iloilo City, Philippines</p> <p>Center for Advanced New Materials, Engineering, and Emerging Technologies (CANMEET), University of San Agustin, Iloilo City, Philippines</p> <p><i>Size Reduction and Stabilization of Microscale Cellulose to Nanoscale Cellulose using High-Pressure Homogenizer</i></p>		
<b>UE-07</b>	<p><b>James Gabriel A. Dionio</b>, Cris David R. Rampola, Louie John C. Saludes, Jiara Laine T. Montaña</p> <p>Philippine Science High School - Western Visayas Campus, Department of Science and Technology, Bito-on, Jaro, Iloilo City, Philippines</p> <p><i>Investigating the Potential of Dragon Fruit Peels (DFP) Biochar as a Lead Sequestration Agent</i></p>		
<b>UE-08</b>	<p><b>Brenda M. Esmero</b>, Mikhyla Gaile A. Alcubilla, Paula Andrea M. Sirilan, Nolan C. Tolosa</p> <p>Department of Chemical Engineering, College of Technology, University of San Agustin, Iloilo City, Philippines</p>		



	Center for Advanced New Materials, Engineering, and Emerging Technologies (CANMEET), University of San Agustin, Iloilo City, Philippines  <i>Investigation on the Process Parameters of Combined Physico-chemical Coagulation and Electrocoagulation of Nickel Contaminated Wastewater</i>		
<b>UE-09</b>	<b>Hana Uriah N. Bungabong</b> , Alexis Griff S. Genovatin, Megan Lexia M. Talabucon, Athenes Joy P. Aban, Jiara Laine T. Montaña  Philippine Science High School - Western Visayas Campus, Department of Science and Technology, Bito-on, Jaro, Iloilo City, Philippines  <i>Potential of Watermelon Rind and Rice Husk as Alternative Coagulants</i>		
<b>UNDERGRADUATE AND SHS POSTERS</b> Topic: <b>Drug Discovery and Formulation</b> Venue: <i>CPMT Lobby, Ground Floor</i>		<b>PROFESSIONAL POSTERS</b> Topic: <b>Drug Discovery and Formulation</b> Venue: <i>CPMT Lobby, Ground Floor</i>	
<b>Poster Number</b>	<b>Presentation</b>	<b>Poster Number</b>	<b>Presentation</b>
<b>UD-01</b>	<b>Maria Asuncion T. Elecanal</b> , Mary Danielle S. Dy, Norvi John B. Duante, Alexandra Shanyle C. Demanalata, Claire Loreen C. Dolendo, Nicole Marie C. Dujali, Emmanuel R. Frias, Chriselle Dion J. Gorriceta, Andrea Marie Hermoso, Elen Rose A. Lagdamen, Mylle Anjela G. Santome, Ma. Socorro Leong-on  Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines  <i>Anti-angiogenic Activity of Garcinia binucao (Batuan) Crude Ethanolic Fruit Extract Using Anas platyrnchos domesticus (Duck) Eggs Chorioallantoic Membrane (CAM) Assay</i>	<b>PD-01</b>	<b>Raamah Rosales</b> , Noel Roble, Anthony Ilano  College of Arts and Sciences, Cebu Technological University- Main Campus, Cebu City, Philippines  College of Fisheries and Aquatic Sciences, Cebu Technological University-Carmen Campus, Carmen, Cebu, Philippines  <i>Analgesic and Anti-inflammatory Properties of Mature Sugarcane, Saccharum officinarum (Linnaeus, 1753), Leaf Extract</i>

<p><b>UD-02</b></p>	<p><b>Miky Dianne Dela Fuente</b>, Ellen Faith Delgado, Christine Cymer Diaz, Danielle Marie Dionio, Nelynmae Ecollada, Geverly Mariz Ellaga, Angeline Espartero, Andrea Grace Felix, Ayra Francisco, Louizel Jamz Funa, Marry Joy Mabanés, Allan Marc Lena</p> <p>Pharmacy Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>In Vitro Screening for the Antibacterial Activity of Ethanolic Crude Extract of Flacourtia jangomas Leaves Against Gram-positive Methicillin-resistant Staphylococcus aureus (MRSA) Strain</i></p>	<p><b>PD-02</b></p>	<p><b>Analie Serafino</b>, Edna Sabido, May Octaviano, Diana Amago, Ann Loraine Nocete, Doralyn S. Dalisay, Jonel P. Saludes</p> <p>Graduate School, Centro Escolar University, Manila, Philippines</p> <p>Center for Natural Drug Discovery and Development, Center for Chemical Biology and Biotechnology, University of San Agustin, Iloilo City, Philippines</p> <p>College of Pharmacy, Central Philippine University, Jaro, Iloilo City, Philippines</p> <p><i>Synergistic Effect of Streptomyces rubrogriseus DSD004 Crude Extract and Amoxicillin Against the Skin Pathogen Staphylococcus aureus</i></p>
<p><b>UD-03</b></p>	<p><b>Tracy Belle E. Panes</b>, Lance P. Paclibar, Kristel Jade E. Gapulao, Cheska B. Gonzales, Ma. Danah Grace Z. Hornada, Jella Mae B. Navarra, Fredrich Peterson C. Ngo, Jazzie Rose A. Ong, Krishna Angelika M. Sibonga, Khyle Kirvy S. Villaruz, Dannie Anne Carreon</p> <p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Antibacterial Potential of the Mixture of Bos taurus (Philippine cattle) Bile and Distilled Water Against Escherichia coli ATCC 25922</i></p>	<p><b>PD-03</b></p>	<p><b>Alyssa M. de Castro</b>, Maria Elyn N. Magpantay, Irene A. Papa</p> <p>Antibiotics Laboratory, National Institute of Molecular Biology and Biotechnology, University of the Philippines Los Banos College, Laguna, Philippines</p> <p><i>Unraveling the Efficiency of Mangrove Soil-derived Actinobacteria as Potential Microbiota Resource for the Control of Selected Medically Important Pathogens</i></p>
<p><b>UD-04</b></p>	<p><b>Marian Panizal</b>, Allen Kent Inquit, Ivy Marie Valencia, Rychevelle Venteroso, Giewel Lus Tulio, Nilita Sirikit Villanueva, RPh, MSPHAR, Polly Ann Coloso, RPh</p> <p>Pharmacy Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Antibacterial Activity of Apical Leaves Ethanolic Extract of Spondias pinnata (Hog Plum) Against Methicillin-resistant Staphylococcus Aureus (MRSA) Strain</i></p>	<p><b>PD-04</b></p>	<p><b>Raymart Jay E. Canoy</b>, Leah Katrine A. Bayog, Angelica Marie V. Aguadera, May C. Octaviano, Diana S. Amago, Ann Loraine R. Nocete, Dion Paul C. Caspe, Edna M. Sabido, Jonel P. Saludes, Doralyn S. Dalisay</p> <p>Center for Chemical Biology and Biotechnology, Center for Natural Drug Discovery and Development, Nuclear Magnetic Resonance Facility, University of San Agustin, General Luna Street, Iloilo City, Iloilo, Philippines</p>

			<p>Department of Biology, Department of Chemistry and Physics College of Liberal Arts Sciences and Education, University of San Agustin, General Luna Street, Iloilo City, Iloilo, Philippines</p> <p><i>Addressing the Anticancer Drug Shortage by Harnessing the Cytotoxic Angucycline Metabolites from Marine Sediment- Derived Streptomyces carlesensis DSD011</i></p>
<b>UD-05</b>	<p><b>Jainah Antoinette J. Arquizola</b>, Altea Mae M. Abong, Lovely P. Acopio, Chrisna Angelie Joyce R. Alabado, Kyle J. Alavanzas, Lourdes Ann S. Alvarez, Gerard Dominic N. Arguelles, Lian Jezreel P. Baling, Jolianna Andrea Beatrice D. Balleza, Ma. Socorro Leong-on</p> <p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Cytotoxic Activity of the Crude Ethanollic Leaf Extract of the Two Varieties of Coleus blumei (Mayana) Using Brine Shrimp (Artemia salina) Lethality Assay</i></p>	<b>PD-05</b>	<p><b>Chelsea Kate F. Jose</b>, Ma. Rachel V. Parcon, Geaver Nicoletti G. Cortez, Jan Anthony N. Ysulat, Jaizer K. Emlan, Isaiah U. Sta Ana, John Cyrus O. Alfaro, Mark Nicholas L. Yow</p> <p>Standards and Testing Division, Industrial Technology Development Institute, DOST Compound, Bicutan, Taguig City, Philippines</p> <p><i>Topical Applications of Bromelain Enzyme from Philippine Pineapple Peels: Safety Assessment and Preliminary Sensory Evaluation</i></p>
<b>UD-06</b>	<p><b>Honey Rich Miranda</b>, Karen Pabiona, Whelvi Pableo, Jasya Yna Paniza, Donamie Palabrica, Riva Joyce Provido, Nilita Sirikit Villanueva, Polly Ann Coloso</p> <p>Pharmacy Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Antibacterial Cream from Achuete (Bixa orellana) Seed Ethanol Extract Against Methicillin-resistant Staphylococcus aureus</i></p>	<b>PD-06</b>	<p><b>Thuan Thi Minh Nguyen</b>, Vi Thi Ha Luong, Thu Minh Ngo</p> <p>Department of Biochemistry, Faculty of Pharmacy, University of Medicine and Pharmacy, Ho Chi Minh City, Vietnam</p> <p>Faculty of Pharmacy, Ho Chi Minh City University of Technology, Vietnam</p> <p>Faculty of Biotechnology, Ho Chi Minh City University of Science, Vietnam</p> <p><i>Evaluation of In-vitro Activities of Leaf and Root Extracts of Catharanthus roseus (L.) G. Don. on Human Peripheral Blood Mononuclear Cells</i></p>
<b>UD-07</b>	<p><b>Cherry Faith Bernas</b>, Jewel Nicole Benedicto, Lex Gean Besa, Brian Keith Blancaver, Jeman Paul Bonifacio, Leon Alexander Brotarlo, Cezyriene Aikha Cajurao, Kiza Gale Calapillo, Divine Zionne Canozza, Ma. Socorro G. Leong- on</p>	<b>PD-07</b>	<p><b>Jade Joshua R. Teodosio</b>, Jomari C. Mateo, Lex Aliko P. Balida, Leighiara S. de Guzman, Dion Paul C. Caspe, Jonel P. Saludes, Doralyn S. Dalisay</p>

	<p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Anti-angiogenic Activity Screening of Ficus benjamina (Weeping Fig) Crude Ethanolic Leaf Extract Using Anas platyrhynchos (Duck) Eggs Chorioallantoic Membrane Assay</i></p>		<p>Center for Chemical Biology and Biotechnology, Center for Natural Drug Discovery and Development, Nuclear Magnetic Resonance Facility, University of San Agustin, General Luna Street, Iloilo City, Iloilo, Philippines</p> <p>Department of Biology, Department of Chemistry and Physics College of Liberal Arts Sciences and Education, University of San Agustin, General Luna Street, Iloilo City, Iloilo, Philippines</p> <p><i>Marine Sediment-derived Actinomycetes Thriving Deep Beneath the Philippine Seafloor are Sources of SARS-CoV-2 3CLPro and PLPro Inhibitors</i></p>
<b>UD-08</b>	<p><b>Giely Abuyabor</b>, Paz Portia Flor Acero, Nicole Jean Ballejo, Trisha Marie Belvis, Rhocel Gwyneth Cala-or, Edna Callejas, Vanjuliet Carbonilla, Khezie Lyn Catalan, Ashley Nicole Catinoy, Christine Chua, Rica Mae Cortez, Krizia An Danielle Gaitano</p> <p>Pharmacy Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>The Antibacterial Activity of the Ethanolic Extract of Bagtikan (Parashorea malaanonan) Leaves Against Methicillin-resistant Staphylococcus aureus (MRSA) Strain</i></p>	<b>PD-08</b>	<p><b>Irene A. Papa</b>, Alyssa M. de Castro, Cherray Gabrielle A. Macabecha, Maria Elyn N. Magpantay, Jesryl B. Paulite, Edward B. Manlapas</p> <p>Antibiotics laboratory, National Institute of Molecular Biology and Biotechnology (BIOTECH), University of the Philippines Los Banos, College, Laguna,</p> <p>North Eastern Mindanao State University, Tagbina Campus, Surigao del Sur, Philippines</p> <p><i>Actinobacteria from the Soil Microbiome of Cavendish Banana Areas in Kapalong, Davao Del Norte Effective Against Fusarium oxysporum Tr4</i></p>
<b>UD-09</b>	<p><b>Rexyn Veronique K. Roque</b>, Jose Alfonso S. Prudente, Fheb Hearthy Jhae T. Rapadas, Kurt Von Raiden C. Sabarillo, May Dorellah Joy L. Sibolinao, Ma. Angel N. Silverio, Shalymar C. Soltis, Estrelarryne Polla Ericca F. Sotomil, Marian R. Subarba, Jose G. Perez Jr.</p> <p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Antibacterial Potential of Mangifera indica (Indian mango) Seed Kernel Extract Against Staphylococcus aureus</i></p>	<b>PD-09</b>	<p><b>Avvy Sheen Uy</b>, Fleurdeliz Maglangit</p> <p>Department of Biology and Environmental Science, College of Science, University of the Philippines Cebu, Lahug, Cebu City, Philippines</p> <p><i>Isolation and Bioactivity of Bacterial Strains from Montaña Waterfalls (Mainit Hot Springs), Malabuyoc, Cebu</i></p>

<p><b>UD-10</b></p>	<p><b>Angelique Mae L. Depasucat</b>, Radney Vince C. Desales, Kate Stacy L. Diamanse, Darrah Arielle B. Elaura, Nica Yzabel M. Gabinete, Franz Matthew Owen G. Legarde, Ramon Salanio Jr., Analei Lasdoce</p> <p>Pharmacy Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Antibacterial Activity of Mucus Extract Derived from the Skin of African Catfish (Clarias gariepinus) Against Methicillin-resistant Staphylococcus aureus (MRSA)</i></p>	<p><b>PD-10</b></p>	<p><b>Rejie A. Tamondez</b>, Edna M. Sabido, Chuckcris P. Tenebro, Kimberly A. Tampus, Trisha Alexis P. Fabrigar, Jovito A. Ysulat Jr., Carmela Vannette B. Vicera, Aaron Joseph M. Macaspac, Julyanna R. Bruna, Joriz Lanz L. Cometa, Diana S. Amago, May C. Octaviano, Shyra Marie E. Supetran, Janine J. Salcepuedes, Sydney L. Osunero, Brill iant L. Lozada, Leighiara S. de Guzman, Jonel P. Saludes, Doralyn S. Dalisay</p> <p>Center for Chemical Biology and Biotechnology, Center for Natural Drug Discovery and Development, Department of Biology, Department of Chemistry, College of Liberal Arts, Sciences, and Education, University of San Agustin, Iloilo City, Philippines</p> <p><i>Culture-Dependent Isolation of Actinobacteria from Untapped Philippine Marine Sediment as a Prolific Source for Natural Product Research</i></p>
<p><b>UD-11</b></p>	<p><b>Antoinette Marie B. Cedullo</b>, Mary Denise P. Castro, Kathlene Kaye G. Celeste, Renabelle L. Cirilos, Marie Gold P. Condino, Aizen Melody L. de los Santos, Cynth Ann C. Diente, John Christian C. Dino, Gio Seth M. Dulatre, Angelica E. Emboltorio, Khryss Zyrene G. Espole, Daisy A. Acorda, Ma. Socorro Leong-on</p> <p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p> <p><i>Cytotoxic Activity of the Crude Ethanolic Leaf Extract of Annona squamosa Linn (Sugar Apple) Using Brine Shrimp (Artemia salina) Lethality Assay (BSLA)</i></p>	<p><b>PD-11</b></p>	<p><b>Ursela G. Bigol</b></p> <p>Department of Science and Technology - Industrial Technology Development Institute, Bicutan, Taguig City, Philippines</p> <p><i>Isolation of Actinomycetes from Soil within the DOST Grounds</i></p>
<p><b>UD-12</b></p>	<p><b>Jose G. Perez, Jr.</b>, Mark Anthony B. Fuerte, Gerzyn May S. Basco, Amanda Mae A. Delfin, Angela Isabel O. Fruelda, Doreen Grace L. Magapa, Patricia Alexis C. Molino, Jemima E. Pelington, Dizza Marie B. Villamor</p> <p>Medical Laboratory Science Department, College of Pharmacy and Medical Technology, University of San Agustin, Iloilo City, Philippines</p>		

	<i>Preliminary Investigation of the Antibacterial, Antioxidant, and Cytotoxic Activities of Sea Hare (Dolabella auricularia) Ink Secretions</i>		
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