

LIST OF ABSTRACTS FOR SCIENTIFIC POSTERS PRESENTATION

41st Annual Scientific Meeting; 10-11 July 2019

THEME: "Caring for Our Nations Carrying Capacity"

Health Sciences Division

| NO. | AUTHOR/S | MAJOR AUTHOR | PRESENTING AUTHOR | AFFILIATION | TITLE OF PAPER |
|----------------|---|-----------------------------|-----------------------------|--|---|
| hsd-001 | Ephraim V. Suelto, Myrnille Joy Z. Galang | Ephraim V. Suelto | Myrnille Joy Z. Galang | Adventist University of the Philippines, Silang, Cavite | In Vitro Antidiabetic Potential and Phytochemical Screening of Bougainvillea spectabilis Stem Extracts |
| hsd-002 | Abegail Santillan, Ruth Bangaoil, Rolando Lopez, Ma. Honolina Gomez, Allan Fellizar, Ma. Cristina Ramos, Leonardo Guevara Jr., Pia Marie Albano | Abegail I. Santillan | Abegail I. Santillan | The Graduate School, University of Santo Tomas, España Manila Research Center for the Natural and Applied Sciences, University of Santo Tomas, España Manila | ATR-FTIR spectral discrimination between malignant and non-malignant thyroid tissues |
| hsd-003 | Christine Dianne A. Lao, Sarah Lou Obinguar, Rey Alfred G. Rañola | Rey Alfred G. Rañola | Rey Alfred G. Rañola | Centro Escolar University, Mendiola, Manila, Philippines | Formulated sunscreen emulsion-based from the leaf extract of Eucalyptus de Glupta (L) with antioxidant property |
| hsd-004 | Cathlyn Leigh O. Pinuela, Mary Christine G. Zimmer, Ma. Celeste S. Abad, Ma. Luisa D. Enriquez | Cathlyn Leigh O. Pinuela | Cathlyn Leigh O. Pinuela | Molecular Cytogenetics Laboratory, Research and Biotechnology, St. Luke's Medical Center - Quezon City | Nonclonal chromosome abnormalities in Filipino patients with hematologic malignancies |

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|----------------|---|-----------------------------|-----------------------------|---|--|
| hsd-005 | Dionne Audrey G. Go, Febby Anne T. Abuzo, Zyra Fem C. Flores, Lara Monique S.D. Tuazon and Leonardo A. Guevarra Jr. | Leonardo A. Guevarra Jr. | Leonardo A. Guevarra Jr. | Department of Biochemistry, Faculty of Pharmacy, University of Santo Tomas, España Blvd., Sampaloc, Manila | Identification of Unique Immunogenic Epitopes of Zika Virus |
| hsd-006 | Fidel Bryan B. Cenidoza, Kathleen Joyce O. Boado, Ma. Rio Lauren M. Imbao, Michelle Joy G. Sia and Leonardo A. Guevarra Jr. | Leonardo A. Guevarra Jr. | Leonardo A. Guevarra Jr. | Department of Biochemistry, Faculty of Pharmacy, University of Santo Tomas, España Blvd., Sampaloc, Manila | In Silico Prediction and In Vivo Determination of Immunogenic Epitopes of DENV1 NS1 Protein |
| hsd-007 | Ma. Theresa F. Celestino, Clarissa Yvonne J. Domingo, Evaristo A. Abella | Ma. Theresa F. Celestino | Ma. Theresa F. Celestino | Philippine Rice Research Institute, Central Experiment Station, Maligaya Science City of Munoz, Nueva Ecija | PCR-BASED DETECTION OF RUMINANT TREMATODE METACERCARIAE ENCYSTED IN PLANTS |
| hsd-008 | Joshua H. Santos, Mary Jho-Anne T. Corpuz, Chia-Her Lin, Oliver B. Villaflores | Oliver B. Villaflores | Joshua H. Santos | University of Santo Tomas, Espana Blvd., 1015 Manila, Philippines | Metal Organic Framework as potential drug carrier for magnolol |

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| hsd-009 | Anna Muriel T. Jacinto, Jose Rennel M. Talavera, Catherine B. Galvez | Anna Muriel T. Jacinto | Anna Muriel T. Jacinto | College of Pharmacy- University of Perpetual Help System DALTA Las Pinas City Campus, Philippines | Formulation Study of Antimicrobial Ointment from Philippine Punica granatum L., (Lythraceae) Fruit Peel Extract |
| hsd-010 | KHENT P ALCANTARA, MOHD HANIF ZULFAKAR, AGNES L. CASTILLO | KHENT P ALCANTARA | KHENT P ALCANTARA | The Graduate School University of Santo Tomas Manila, Philippines | Nanostructured Lipid Carriers (NLCs): A Promising and State-of-the-art Drug Carrier for Delivering Antimicrobials |
| hsd-011 | Jan Vincent Go, Alexandria Marie Roque, Rodolfo Sumayao Jr. | Jan Vincent P. Go | Jan Vincent P. Go | De La Salle University, Chemistry Department, 2401 Taft Ave, Malate, Manila, 1004, Philippines | Green Synthesis of Silver Nanoparticles using Antidesma bunius aqueous leaf extracts and its cytotoxicity in human – derived colorectal cancer cell lines. |
| hsd-012 | Allaine Jean C. Cruz, ^{1,*} Abolfazl Narmani, ² Marc Stadler, ² and Allan Patrick G. Macabeo ¹ | Allaine Jean Cruz | Allaine Jean Cruz | 1Laboratory for Organic Reactivity, Discovery and Synthesis (LORDS), Research Center for the Natural and Applied Sciences, University of Santo Tomas, España Blvd., 1015 Manila 2Department of Microbial Drugs, Helmholtz Centre for Infection Research and German Centre for Infection Research (DZIF), partner site Hannover/Braunschweig, Inhoffenstrasse 7, 38124 Braunschweig, Germany | Isolation and Structure Elucidation of Two New Tetrasubstituted α -Pyrone Derivatives from the Endophytic Fungus Sordaria sp. with Antifungal and Cytotoxic Activities |

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| hsd-013 | Katherine Yasmin M. Garcia, ^{1,*} Luis Agustin E. Pilapil, ¹ Chayanard Phukhamsakda, ² Kevin D. Hyde, ² Marc Stadler ³ and Allan Patrick G. Macabeo ¹ | Katherine Yasmin M. Garcia | Katherine Yasmin M. Garcia | 1Laboratory for Organic Reactivity, Discovery and Synthesis (LORDS), Research Center for the Natural and Applied Sciences, University of Santo Tomas, España Blvd., 1015 Manila 2Center of Excellence in Fungal Research, Mae Fah Luang University, Chiang Rai 57100, Thailand 3Department of Microbial Drugs, Helmholtz Centre for Infection Research, Braunschweig, Inhoffenstrasse 7, 38124 Braunschweig, Germany | Molecular Bioexploration of Three New Dothideomycete Fungi for Drug Discovery of Novel Antibiotic, Anti-Biofilm, Nematicidal and Anti-Cancer Agents |
| hsd-014 | John-Jay C. Atienza, Aubrey Kaye M. Castor, Erwin Raphael M. Comia, Angelica A. Macalalad, and Bryan John Magoling | John-Jay C. Atienza | John-Jay C. Atienza | Batangas State University, Rizal Ave., Batangas City | Preparation and Characterization of PLGA/Chitosan Encapsulated Quercetin |
| hsd-015 | Bianca Mae G. Limjoco, Noreen Mae E. Chavez, Melchi Esrom L. Opelario, Edmin Christian R. Tunod, Ma. Beatrice M. Vega, Gina C. Castro | Bianca Mae G. Limjoco | Bianca Mae G. Limjoco | Department of Pharmacy, Faculty of Pharmacy, University of Santo Tomas, Espana, Manila | Formulation of a Diuretic Oral Suspension from the Ethanolic Leaf Extract of Basella alba L. (Basellaceae) |

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| hsd-016 | Mandias Reagen, Dina D. Galang, Beryl Ben C. Mergal | Mandias Reagen | Beryl Ben C. Mergal | Adventist University of the Philippines, Puting Kahoy, Silang, Cavite | Effect of Forced-Air Blanket, Warm Blanket and Its Combination to Post-Operative Hypothermic Patients |
| hsd-017 | Cherianne Love Cosejo-Durano, Angel Grace F. Bingcang | Cherianne Love Cosejo-Durano | Angel Grace F. Bingcang | Adventist University of the Philippines | Spiritual Care, Aromatherapy and its Combination: Their Effects on Fear and Physiological Status of Women During Labor |
| hsd-018 | Raymond Francis R. Sarmiento, MD, Arturo M. Ongkeko Jr.,RN, Abegail Jayne Amoranto, RN, MSc, Monica Sunga, Kristelle Ann Angeles | Raymond Francis R. Sarmiento, MD | Raymond Francis R. Sarmiento, MD | National Telehealth Center, National Institutes of Health, University of the Philippines Manila, 3/F IT Building, Joaquin Gonzales Compound, Padre Faura, Ermita, Manila | A systematic review of health information exchange implementations in different practice settings |
| hsd-019 | Crisfel R. del Mundo, Agnes L. Castillo, and Mario A. Tan | Crisfel R. del Mundo | Crisfel R. del Mundo | The Graduate School, University of Santo Tomas, Espana, Manila, Philippines; School of Pharmacy, Centro Escolar University, Mendiola, Manila, Philippines | Immunohistochemical COX-2 detection and metabolite profiling of Philippine Pandanus tectorius aqueous extract |

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| hsd-020 | Simon Miguel M. Lopez, Jeremy S. Aguilar, Mitzi Rain R. Estrella, Jerene Bashia B. Fernandez, Angelic Gayle J. Lao, Mark Kevin P. Devanadera, and Librado A. Santiago | Librado A. Santiago | Simon Miguel M. Lopez | Department of Biochemistry, Faculty of Pharmacy, University of Santo Tomas, España Blvd, Sampaloc, Manila 1008, Philippines Molecular Biology Laboratory, Research Center for Natural and Applied Sciences, University of Santo Tomas, España Blvd, Sampaloc, Manila 1008, Philippines The Graduate School, University of Santo Tomas, España Blvd, Sampaloc, Manila 1008, Philippines | Screening of Acetylcholinesterase Inhibitory Activities of the venom fractions from Philippine Spider Phlogiellus bundokalbo |
| hsd-021 | Marjorie Zulueta, Lisette Kjell Z. Lorenzo, Guillermo M. Nuesca, Portia Mahal G. Sabido, Florian R. del Mundo | Marjorie Zulueta | Marjorie Zulueta | Institute of Chemistry, University of the Philippines Diliman, Quezon City | Preparation of Synthetic Peptides from Dengue Virus Non-structural Glycoprotein 1 (NS1) |
| hsd-022 | Ericka Patrice Abano, Jessamin Jhoy Godio, Anne Krishia Juarez, Reyanne Marie Cruz, Jake Fernando Kok | Ericka Patrice Abano | Jake Fernando Kok | Caloocan City Science High School P. Sevilla St. cor. 10th ave., GracePark, Caloocan City | Microscopic Identification of Parasites on Biosolids in Different Flood-Prone Areas in Caloocan |

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| hsd-023 | Elisha D. Gloria 1,2, Mohd Hanif Bin Zulfakar, PhD. 3, Agnes L. Castillo, Ph.D. 1,4,5 | Elisha D. Gloria | Elisha D. Gloria | 1 Graduate School, University of Santo Tomas, Manila, Philippines; 2 School of Pharmacy, Far Eastern University – Nicanor Reyes Medical Foundation 3 Faculty of Pharmacy, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia 4 Faculty of Pharmacy, University of Santo Tomas, Manila, Philippines 5 Research Center for Natural and Applied Sciences, University of Santo Tomas, Manila, Philippines | Formulation and Evaluation of Voriconazole-NLC In Situ Gel for Fungal Keratitis |
| hsd-024 | Anbel M. Bautista, Patrick Jayson B. Abaja, Carl Vincent R. Guiao, Ma. Katrina C. Lavarias, Ria Lyka D. Cerdena, Jowela Marie O. Reyes | Patrick Jayson B. Abaja | Anbel M. Bautista | Our Lady of Fatima University, KM 23 Sumulong Highway, Sta. Cruz, Antipolo City | Alpha-amylase inhibitory and In-vitro Glucose- lowering Property of Clausena anisum-olens (Rutaceae) |

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| hsd-025 | Franelyne P. Casuga, Karlo Jaime N. Calungsud, Mary Coleen A. David, Eunice Mae D. Del Valle, Kyle Adriel R. Manuyag, Maria Avegail M. Migano | Franelyne P. Casuga | Franelyne P. Casuga | Faculty of Pharmacy, University of Santo Tomas Research Center for Natural and Applied Sciences, University of Santo Tomas The Graduate School, University of Santo Tomas | Determination of the Nephroprotective Effect of the Ethanolic Extract from <i>Carica papaya</i> (Caricaceae) Leaves Against Gentamicin-Induced Nephrotoxicity in Sprague-Dawley Rats |
| hsd-026 | Reham B. Macadato ¹ , Ryan B. Manzano ¹ , Lina Dae T. Maranga ¹ , Eunice Nicole A. Martin ¹ , Patricia Louis C. Mayo ¹ , Adrian Ceasar C. Morales ¹ , Franklin V. Ibana ² , and Agnes L. Castillo ^{1,2,3} | Agnes L. Castillo | Agnes L. Castillo | 1 Department of Pharmacy, Faculty of Pharmacy 2 Graduate School, University of Santo Tomas 3 Research Center for the Natural and Applied Sciences University of Santo Tomas | Lipoxygenase Enzyme Inhibition, Anti-inflammatory and Analgesic Properties of the Leaf Extracts of <i>Syzygium lineatum</i> (Philippine Cherry) |
| hsd-027 | *Franelyne P. Casuga, Agnes L. Castillo, Mary Jho-Anne T. Corpuz | Franelyne P. Casuga | Franelyne P. Casuga | Faculty of Pharmacy, University of Santo Tomas Research Center for Natural and Applied Sciences, University of Santo Tomas The Graduate School, University of Santo Tomas | Bioactive Components, Cytotoxicity Studies and Pharmacognostic Evaluation of the Crude Drug from <i>Broussonetia luzonica</i> (Moraceae) Blanco Leaves |

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| hsd-028 | 1Euredel S. Galamiton, 2Jezreel Nadine C. Guce, 3Olivia S. Icamen, 4Hans Christian M. Lim, 5Jelsy Rose C. Ramos, 6David Anthony L. Sanchez, 7Johannica Darryl D. Solana, 123Agnes L. Castillo | Agnes L. Castillo | Agnes L. Castillo | 1Department of Pharmacy, Faculty of Pharmacy 2Graduate School, University of Santo Tomas 3Research Center for the Natural and Applied Sciences University of Santo Tomas | Standardization of <i>Tinospora rumphii</i> (Menispermaceae) Stem Extracts through HPLC Assay of Berberine and LOX-15 Stimulatory Activity |
| hsd-029 | Catheleen Anne Ysulat, Lizette Lorenzo, Marjorie Zulueta, Portia Mahal Sabido, PhD, Gerry M. Nuesca, PhD , Florian R. del Mundo, PhD | Catheleen Anne Ysulat | Lizette Lorenzo | University of the Philippines, Diliman, Quezon City | Application of Electropolymerized Conducting Polymer as Sensor of Dengue Biomarker |
| hsd-030 | Reuben Ducay, Anna Marie Phalashol, Shandy Go-aco | Reuben Ducay | Anna Marie R. Phalashol | 21 Plaza St. Sampaguita, Tagana-an, Surigao del Norte | Efficiency Assessment and Effects of Butuan City's Sanitary Landfill & Its Leachate Treatment Effluent |