

LIST OF ABSTRACTS FOR SCIENTIFIC POSTERS PRESENTATION
40h Annual Scientific Meeting; 11-12 July 2018
Science and Technology-Enhanced Transformation for Sustainability and Resiliency (2018-2030)

HEALTH SCIENCES

No.	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER	REMARKS
1	Jochebed Dianem C. Dominguez, Thanattha Kiatyanyong, Andre' T. Rosas, Vicky C. Mergal, and Lorcelie B. Taclan	Vicky C. Mergal,	Vicky C. Mergal,	Adventist University of the Philippines, Puting Kahoy, Silang Cavite	Antibacterial Activity of a Developed Lemongrass (<i>Cymbopogon citratus</i>) Mouthrinse Prepared at Different Concentrations	
2	Franklin Ibane* Allan Patrick G. Macabeo,4 and Agnes L. Castillo3	Franklin Ibane	Franklin Ibane	1Faculty of the Graduate School, 3Faculty of Pharmacy and 4Laboratory for Organic Reactivity, Discovery and Synthesis, Research Center for the Natural and Applied Sciences, University of Santo Tomas, España Blvd., 1015 Manila 2College of Health Sciences, Mariano Marcos State University, Quiling Sur, City of Batac 2906, Ilocos Norte E-mail: frankivana_8635@yahoo.com; Tel: 0932-7268890	Alkenylated Phenolic Natural Products Validate the Claimed Anti-Cancer Property of <i>Syzygium lineatum</i> ("Lubeg")	

3	Fredi Jan Francia, Jennifer Mojica and Ma. Elizabeth Leoveraz	Fredi Jan Francia	Fredi Jan Francia	Department of Biological Sciences, CAS, CLSU, Science City of Muñoz, Nueva Ecija, *email: fafrancia_dr88@yahoo.com	Anti-fatigue Effects of Glutinous Rice (<i>Oryza sativa</i> L. var. glutinosa (Lour.) Körn) in White Mice (<i>Mus musculus domesticus</i> L.)	
4	Xenia Erika N. Bucao, Jallene E. Arzaga, Vincent Luke J. Manzanillo, Czarmayne B. Pagala, and Anabelle B. Alejo	Xenia Erika N. Bucao	Anabelle B. Alejo	Mariano Marcos State University, City of Batac, Ilocos Norte Tel/Fax #: (077) 600 0459/792 3688, bernardo_anabelle_rph@ya hoo.com.ph	Antihyperglycemic Activity of Anahaw (<i>Livistona rotundifolia</i>) Shoot Extract in Alloxan-Induced Hyperglycemic Sprague-Dawley Rats	
5	Franelyne P. Casuga ^{1,2} , Rafael James G. Cabantang ¹ , Yya Kyle A. Cabauatan ¹ , Denise C. Caramoan ¹ , Christine Joy D. Cerrero ¹ , Louise Jan J. Magbanua ¹ , Renz Mark M. Racelis ¹ , Amiel King R Torralba ¹ ,	Franelyne P. Casuga	Franelyne P. Casuga	1Faculty of Pharmacy, University of Santo Tomas 2Research Center for Natural and Applied Sciences, University of Santo	Anti-Inflammatory Activity of Methanol Extract from <i>Broussonetia luzonica</i> (Moraceae) Blanco Stem Bark on Carrageenan Induced Edema in Sprague-Dawley Rat Paw and Its Cyclooxygenase Inhibition	

6	Geminesse S. Sianghio and Dharmatov Rahula B. Albano	Dharmatov Rahula B. Albano	Dharmatov Rahula B. Albano	aResearch Center for the Natural and Applied Sciences bCollege of Science, cThe Graduate School dbalbano@ust.edu.ph University of Santo Tomas, Manila, Philippines 1015	Aptamer based piezoelectric quartz crystal dengue virus biosensor	
7	Anna Muriel Talavera Jacinto	Anna Muriel Talavera Jacinto	Anna Muriel Talavera Jacinto	College of Pharmacy / University of Perpetual Help System DALTA Alabang –Zapote Road, Pamplona 3, Las Piñas City 1740, Philippines +6328022068 ; amtjacinto_78@yahoo.com.ph	Bacterial Determination of Crude Hydroalcoholic Extracts of Selected Philippine Plants	
8	Jerica Isabel L. Reyes and Nilda M. Muñoz*	Jerica Isabel L. Reyes	Jerica Isabel L. Reyes	St. Luke's College of Medicine – William H. Quasha Memorial E. Rodriguez Sr. Q.C. • j.isabel.llige@gmail.com • +6329989907791	Blockade of Group V Phospholipase A2 Causes Reduction of TGF-β1-Induced Fibrosis among Diabetic Rats	

10	Sam Precieux Kayonga, Moses Murithi Kinoti, Patience Monde, Andy William Ndaa, Liia B. Pak, Lorcelie Taclan Vicky Mergal, Kevin Brendt Imperio and Uriel Zarsaga	Lorcelie Taclan	Lorcelie Taclan	Adventist University of the Philippines, Puting Kahoy, Silang Cavite lbtaclan@yahoo.com	Development of a Cayenne (Capsicum annum) Dental Balm	
11	Daile Meek C. Salvador-Membreve, Edward Diomerl Baldo and Ida Francia Revale	Daile Meek C. Salvador-Membreve	Daile Meek C. Salvador-Membreve	Biology Department, College of Science, Bicol University, Rizal Street, Legazpi City, Albay, 4500 Philippines dmsmembreve@gmail.com	Dietary Fiber Content and Anti-Lipidemic Activity OF Arrowroot (Maranta sp.) Food Products	
12	Richard Marvin R. Espallardo, Ma. Khrizelle Joyce D.S. Trinos, Arnold V. Hallare and, Margaret LC. De Guzman*	Richard Marvin R. Espallardo	Margaret LC. De Guzman	1UP Manila, CAS - Biology rosariorubite@yahoo.com; UP Manila, CAS, Biology	Effects of 2,3,5,6-Tetramethylpyrazine on Alcohol-Induced Injury in Liver Cells and on the Early Life Stages of Zebrafish (Danio rerio Hamilton, 1822)	

13	Rosaly V. Manaois ¹ , Jun Watanabe,	Jun Watanabe	Rosaly V. Manaois	<p>1Rice Chemistry and Food Science Division, Philippine Rice Research Institute, Maligaya, Science City of Muñoz, Nueva Ecija, Philippines, 2Functional Food Factor Laboratory, National Food Research Institute, National Agricultural Research Organization, Kannondai, Tsukuba, Ibaraki, Japan</p> <p>Presenting author: Telefax No.: (044) 456-0113/0285 local 260 Email: rv.manaois@philrice.gov.ph</p>	Gut Microbial Diversity of Balb/c Mice Fed Different Cultivars of Indica Rice	
14	Stefani Joyce F. Salcedo & Rainier Ulrich D. Velasco	Stefani Joyce F. Salcedo	Stefani Joyce F. Salcedo	<p>Department of Biology, College of Science Pamantasan ng Lungsod ng Maynila Intramuros, Manila, Philippines 09277293853 stefani.salcedo.10@icloud.com</p>	In vitro Anticoagulant Potential of <i>Caesalpinia pulcherrima</i> (Caballero) Leaf Methanolic Crude Extract Against Selected Filipino Individuals Using Prothrombin Time Assay	

15	Alexis M. Labrador and Maria Nilda M. Muñoz*, MSc	Alexis M. Labrador	Alexis M. Labrador	St. Luke's College of Medicine – Master of Science in Molecular Medicine Program, E. Rodriguez Sr. Avenue Quezon City Tel. 723 0101 loc. 7305 or email at alexmlabrador@gmail.com	Induction of Apoptosis by Extracted <i>Hylocereus Polyrhizus</i> is Dependent on Downregulation of Akt Phosphorylation and Subsequent Activation of Caspase 3 Expression in Human Liver Cancer Cells (HepG2) in Vitro	
16	Crisfel R. del Mundo ^{1,3} , Agnes L. Castillo ^{1,2,*} and Mario A. Tan ^{1,2,**}	Crisfel R. del Mundo	Crisfel R. del Mundo	1The Graduate School, University of Santo Tomas, Manila, Philippines 2Research Center for the Natural and Applied Sciences, University of Santo Tomas, Manila, Philippines 3School of Pharmacy, Centro Escolar University, Manila, Philippines	In-vitro and in-vivo assessment of Philippine Pandanus species (Pandanaaceae) as potential anti-inflammatory agents	
17	Mark Lagamayo ¹ , Grecebio Jonathan Alejandro ^{1,2} , Mario Tan ^{1,2}	Mark Lagamayo	Mark Lagamayo	1The Graduate School and 2Research Center for the Natural and Applied Sciences, University of Santo Tomas, Manila, Philippines	Metabolite Profiling and COX Inhibitory and Cytotoxic Properties of <i>Lasianthus trichophlebus</i> Hemsl. (Rubiaceae)	

18	*Franelyne P. Casuga ^{1,2} , Paolo Alea ¹ Nadine Baccay ¹ , Charize Buonavista ¹ , Stephanie Buted ¹ , Santi Macadangdang ¹ , Thea Mallari ¹ ,	Paolo Alea	Franelyne P. Casuga	Faculty of Pharmacy, University of Santo Tomas 2Research Center for Natural and Applied Sciences, University of Santo Tomas	Nephroprotective Effect of the Ethanolic Extract of <i>Caulerpa racemosa</i> (Forsskal) J. Agardh Against Gentamicin-Induced Nephrotoxicity in Sprague-Dawley Rats	
19	Sarah May H. Calzo, Ransell Joy B. Castillo, Renz Edward S. Castro, Sheena Angela V. Gabbuat, Gernelyn Shaira C. Molina, Edgardo Antonio R. Navales, Yoko Jane L. Que, and Agnes L. Castillo	Yoko Jane L. Que	Yoko Jane L. Que	Faculty of Pharmacy ¹ , Graduate School 2, Research Center for Natural Applied Sciences ³ , University of Santo Tomas, Manila España Blvd., Sampaloc, Manila, Philippines Correspondence: alcastillo@ust.edu.ph/ 09177176489	Phytochemical and FTIR Analysis of the Isolated Polyphenolic Compounds of <i>Morus alba</i> L. Leaves and its Effect on the Blood Urea- Creatinine Ratio of Nephrotoxic Sprague- Dawley Rats	
20	Paloma B. Valdez and Ma.Tereza A. Blanco *	Paloma B. Valdez	Ma.Tereza A. Blanco	Mariano Marcos State University City of Batac, Ilocos Norte email add:matetblanco@yahoo.co m,cp#09989836477	Phytochemical Screening, Antioxidant and Hepatoprotective Activity of Common Fig (<i>Ficus carica</i> L.) Leaf Ethanolic Extract in Male Wistar Albino Rats (<i>Rattus norvegicus</i> B.)	

21	Darwin Obel, Dr. Agnes Castillo and Dr. Christina Binag	Darwin Obel	Darwin Obel	<p>1The Graduate School, University of Santo Tomas; Manila, Philippines.</p> <p>2College of Pharmacy, Adamson University; Manila, Philippines.</p> <p>3Faculty of Pharmacy, University of Santo Tomas; Manila, Philippines.</p> <p>4College of Science, University of Santo Tomas; Manila, Philippines.</p> <p>*Corresponding author: E-mail: obel_darwin_lopez@yahoo.com</p>	Preparation, Characterization and Antibacterial Activity of Gentamicin Loaded Chitin Nanogel	
22	Geraldine Rheigniére G. Dumagsa, Jessa D. Raloso, Anna Muriel T. Jacinto, Maribeth R. Laurente, Jaymie Lauren Martinez, Ermira D. Brijuega, Ma. Victoria E. Mendoza and Michael Thomas T. Montessa	Geraldine Rheigniére G. Dumagsa	Geraldine Rheigniére G. Dumagsa	<p>College of Pharmacy / University of Perpetual Help System DALTA Alabang –Zapote Road, Pamplona 3, Las Piñas City 1740, Philippines</p> <p>+6328022068 ; amtjacinto_78@yahoo.com.ph</p>	Presumptive Detection of Antibiotic Residues in Raw Meat of Bos taurus (Bovidae) and Sus scrofa domesticus (Suidae) obtained from the Public Market of Las Pinas City, Philippines	

23	Desiree Joyce M. Addun, Ma. Angelika B. Gamido, Anna Muriel T. Jacinto, Maribeth R. Laurente, Jaymie Lauren Martinez, Ermira D. Brijuega, Ma. Victoria E. Mendoza and Michael Thomas T. Montessa	Desiree Joyce M. Addun	Ma. Angelika B. Gamido	College of Pharmacy / University of Perpetual Help System DALTA Alabang –Zapote Road, Pamplona 3, Las Piñas City 1740, Philippines +6328022068 ; amtjacinto_78@yahoo.com. ph	Qualitative Determination of Antibiotic Residue Using Four Plate Test (FPT) in Cooked and Uncooked Chicken Meat	
25	Sheena V. Borjal, Rhea Jane Q. Candog and Lourdes V. Alvarez	Sheena V. Borjal	Sheena V. Borjal	Department of Biology, College of Science Polytechnic University of the Philippines Sta. Mesa, Manila *Mobile: +639062601080, borjal.sheena@gmail.com	Screening of Lovastatin Production in Five Selected Mushroom Species	

26	<p>Mark Tristan L. Quimque, Mark John P. Mandigma, 1 Hans-Martin Dahse, 2 Scott G. Franzblau 3 and Allan Patrick G. Macabeo 1</p>	<p>Mark Tristan L. Quimque</p>	<p>Mark Tristan L. Quimque</p>	<p>1 Laboratory for Organic Reactivity, Discovery and Synthesis (LORDS), Research Center for the Natural and Applied Sciences, University of Santo Tomas, España Blvd., 1015 Manila 2 Leibniz-Institute for Natural Product Research and Infection Biology, Hans-Knöll-Institute (HKI), D-07745 Jena, Germany 3 Institute for Tuberculosis Research, College of Pharmacy, University of Illinois at Chicago, Chicago, 60612 Illinois, United States E-mail: mtjquimque@gmail.com; Tel: 406-1611 local 4057</p>	<p>Synthesis of N-acylated Lactam Derivatives with Selective Cytotoxic and Antitubercular Activities</p>	
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27	Allan Patrick G. Macabeo, Mark John P. Mandigma ¹ , Hans- Martin Dahse, ² and Scott G. Franzblau ³	Allan Patrick G. Macabeo	Allan Patrick G. Macabeo	<p>1Laboratory for Organic Reactivity, Discovery and Synthesis (LORDS), Research Center for the Natural and Applied Sciences, University of Santo Tomas, España Blvd., 1015 Manila</p> <p>2Leibniz-Institute for Natural Product Research and Infection Biology, Hans-Knöll-Institute (HKI), D-07745 Jena, Germany</p> <p>3Institute for Tuberculosis Research, College of Pharmacy, University of Illinois at Chicago, Chicago, 60612 Illinois, United States</p> <p>E-mail: allanpatrick_m@yahoo.com ; Tel: 406-1611 local 4057</p>	Synthesis-Driven Discovery of Novel, Highly Selective Antitubercular and Anti-Proliferative Nor-Securinine Derivatives with Pre-Clinical Potentials	
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28	Athina Rosmina M. Ali, Johannes C. Andal, John Reden T. Capinig, Lawrence Alfred Q. Lomboy, Ma. Laura Isabel D. Mendoza, Anna Francheska G. Policarpio, Agnes L. Castillo	Agnes L. Castillo	Ma. Laura Isabel D. Mendoza	Faculty of Pharmacy ¹ , Graduate School 2, Research Center for Natural Applied Sciences ³ , University of Santo Tomas, Manila España Blvd., Sampaloc, Manila, Philippines Correspondence: alcastillo@ust.edu.ph /09177176489	The Efficacy of Lavandula angustifolia Mill. Essential Oil as a Nanoemulsion in Pilocarpine Drug-Induced Seizures Swiss Mice Model	
29	Mario A. Tan ¹ , Peter Patrik Züger* ² , Silvio Roggo* ²	Mario A. Tan	Mario A. Tan	¹ Research Center for the Natural and Applied Sciences, University of Santo Tomas, Manila, Philippines ² Institute for Biomedical Research, Novartis Pharma, Basel, Switzerland	Total Synthesis of Diaportheone A	
30	Roberth Riggs L. Rondilla* ¹ , Thomas Edison E. dela Cruz ^{1,2} , Fang-Rong Chang ³ , Maribel G. Nonato ^{1,2}	Roberth Riggs L. Rondilla	Roberth Riggs L. Rondilla	¹ The Graduate School, ² College of Science, University of Santo Tomas, Manila, Philippines, ³ Graduate Institute of Natural Products, Kaohsiung Medical University, Kaohsiung, Taiwan	α -glucosidase inhibitors from Endophytic Fungi derived from Pandanus simplex leaves	

rejected abstracts

9	Darlene Lopez Adane, Philippe Anton D. Celeste, Marc Julius Delfin1, Mark Samson, Angel Grace Bingcang, Jolly S. Balila, Raymund M. Falculan, Lea A. Divina	Darlene Lopez Adane	Mark Samson	mbsamson@aup.edu.ph 1College of Nursing and 2University Research Center Adventist University of the Philippines, Puting Kahoy Silang, Cavite, Philippines. Email: makiechan7982@gmail.com	Climate Change-Related Diseases Experienced by International Students in the Philippines: Basis for a Health Guide	
24	Wilmar Jun O. Elope, RND	Wilmar Jun O. Elope	Wilmar Jun O. Elope	Faculty member, Department of Nutrition and Dietetics, College Of Human Ecology, Central Mindanao University wilmarjunoelopre@gmail.co m	Relation between Dietary Omega-3 (n-3) and Omega-6 (n-6) Fatty Acid Intake and Depressive Symptoms in College Students of Central Mindanao University	