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**"PAGTANAW 2050: Agham Tungo sa Mabuting Kinabukasan (FORESIGHT 2050: Science for a Sustainable Future)"**  
**Scientific Posters 2022**

AGRICULTURAL SCIENCE DIVISION

ASD	EMAIL	AUTHORS	MAJOR	PRESENTING	AFFILIATIONS	CONTACT NO	TITLE
	<b>ASD - Agricultural Sciences &amp; forestry management and production systems</b>						
<b>ASD-01</b>	msandres0330@gmail.com	Melvin S. Andres, Anielyn Y. Alibuyog, Ahlfie James G. Galanza, Reynaldo C. Castro, and Nenita V. Desamero	Melvin S. Andres	Melvin S. Andres	Philippine Rice Research Institute-Batac Branch/ Brgy. 17 Tabug, City of Batac, Ilocos Norte and Philippine Rice Research Institute Central Experiment Station/Maligaya, Science City of Muñoz, Nueva Ecija	09501565158	Adaptability and Grain Quality Assessment of Salt-tolerant Rice Varieties in Saline-prone Areas in Ilocos
<b>ASD-02</b>	jtzarate@up.edu.ph	Jocelyn T. Zarate, Mary Rose E. Vivares	Jocelyn T. Zarate	Jocelyn T. Zarate	National Institute of Molecular Biology and Biotechnology (BIOTECH)	09199227927	Development and Testing of a Natural Blend of Compost Activator for Kitchen and Garden Wastes for Faster Degradation of Biodegradable Wastes to Enhance Soil Properties
<b>ASD-03</b>	gvpangga@up.edu.ph / gvpangga@yahoo.com, lddomo@up.edu.ph	Liza Mae Amor D. Domo, Gina V. Pangga, Amparo DM. Wagan, Pompe C. Sta Cruz	Liza Mae Amor D. Domo	Liza Mae Amor D. Domo	1 Graduate School, University of the Philippines Los Baños, College, Laguna 4031, 2 Agricultural Systems Institute, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna 4031 3 Institute of Crop Science, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna 4031	(+63 49) 536 3229/ 2459 536 5282 (Fax)	Mineralization Rate of Fertilizer-Enriched Coconut Husk Biochar in an Acidic Clay Loam
<b>ASD-04</b>	jessppb2001@gmail.com	Wilfredo A. Dumale, Jr., Jessie Pascual P. Bitog, Marnellie L. Pini	Jessie Pascual P. Bitog	Jessie Pascual P. Bitog	Nueva Vizcaya State University, Bayombong, Nueva Vizcaya	09261184010	Optimizing water requirement for citrus production
<b>ASD-05</b>	bryansilospungtilan@gmail.com	Bryan Pungtilan, Glisten Faith Pascua, Sixto Pascua Jr., Artemio Alcoy, Eugene Ramos and Lee Zhemyr Calasag	Bryan S. Pungtilan	Bryan S. Pungtilan	Researcher, Philippine Rice Research Institute, City of Batac, Ilocos Norte	09267758168	Performance Evaluation of Special Rice Varieties as Affected by Fertilizer Rates Under Rainfed Lowland Condition
<b>ASD-06</b>	gvpangga@up.edu.ph	Gina Villegas-Pangga	Gina Villegas-Pangga	Gina Villegas-Pangga	Agricultural Systems Institute, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna, 4031	09209008346	Slow Pyrolysis of Agricultural Wastes and Biochar Production: Innovative Solutions for Waste Management and Improvement of Soil Health in Modern Farming Systems

<b>ASD-07</b>	philrice.batac.rnd@gmail.com/ayalibuyog20@gmail.com	1Anielyn Y. Alibuyog, 1Ahlfie James G. Galanza, 1Melvin S. Andres, 1Sonia V. Pojas, 1Luzell S. Pungtilan, 1Bryan S. Pungtilan, 2Evelyn M. Valdez, 2Ma. Salome V. Duca, 1Reynaldo C. Castro, and 2Nenita V. Desamero	Anielyn Y. Alibuyog	Anielyn Y. Alibuyog	1PhilRice Batac, # 17 Tabug, City of Batac, Ilocos Norte 2 PhilRice Central Experiment Station, Maligaya, Science City of Muñoz, Nueva Ecija	09452005876/09501565158	Technology without a Grain of Salt: Development of an Integrated Crop Management Package for Rice in Saline Areas for Increased Productivity
<b>ASD - Agriculture - diseases, pest management and control</b>							
<b>ASD-08</b>	lcalvarez@huskers.unl.edu	Clark L. Llarena, Christalline Joie Borjal, John Roy V. Galvez, Leny C. Galvez	LENY CALANO GALVEZ	Clark L. Llarena	DA-Philippine Fiber Industry Development Authority	6.39082E+11	Abaca Virus Detection App (AbaVDA)
<b>ASD-09</b>	marklestergalicia007@gmail.com, preciousgrace.pogado@gmail.com	Mark Lester C. Galicia, Dale Jonathan M. Morales, Precious Grace B. Pogado, Ashley L. Quebrado, Leana Rich M. Herrera-Ong	Leana Rich M. Herrera-Ong	Precious Grace B. Pogado	Department of Physical Sciences, College of Science, Polytechnic University of the Philippines, Anonas St., Sta. Mesa Manila, Metro Manila, 1016	9611004830	Computational Identification of Highly Conserved CD8+ T-Cell Epitopes Against pp62 Polyprotein of African Swine Fever Virus
<b>ASD-10</b>	mcmendoza7@up.edu.ph	Mary Joy C. Mendoza, Teresita U. Dalisay and Melissa P. Montecalvo	Mary Joy C. Mendoza	Mary Joy C. Mendoza	National Crop Protection Center, College of Agriculture and Food Science, University of the Philippines Los Banos, College, Laguna	(049) 536-2409	Diversity of 'Carabao' Mango Fungal Endophytes in Relation to Lasiodiplodia theobromae Endophytic Colonization
<b>ASD-11</b>	aimankiarajuan@gmail.com	Aiman Kiara A. Juan, Keana Milen C. Palma, Marianne B. Suarez, and Leana Rich Herrera-Ong	Aiman Kiara A. Juan	Marianne B. Suarez	Department of Physical Sciences, College of Science, Polytechnic University of the Philippines, Anonas St., Sta. Mesa, Manila, 1016, Metro Manila, Philippines	6.39668E+11	Immunoinformatics-Based Identification of Highly Conserved Cytotoxic T-Cell Epitopes Against pp220 of ASFV
<b>ASD-12</b>	mpmontecalvo@up.edu.ph	Regine Mae M. Cordero, Pamela Grace D. Apostol, Marcela M. Navasero, Mario V. Navasero, Melissa P. Montecalvo	Melissa P. Montecalvo	Melissa P. Montecalvo	National Crop Protection Center, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna	+6349 536 2409	Influence of Culture Media and Incubation Period on Growth and Conidial Yield of Beauveria bassiana and Metarhizium anisopliae

<b>ASD - Agriculture - fisheries, maritime culture and management</b>							
<b>ASD-13</b>	kbalviar@up.edu.ph	Maria Claret L. Tsuchiya, Apel Jae N. Clemente, Karen B. Alviar	Karen B. Alviar	Karen B. Alviar	1Animal Biology Division, Institute of Biological Sciences, College of Arts and Sciences 2Plant and Environmental Health Division, Institute of Weed Science, Entomology and Plant Pathology, College of Agriculture and Food Science, University of the Philippines Los Baños	495361315	Design and cloning strategy for constructing shRNA expression vector targeting the influenza-like RNA-dependent RNA polymerase (RdRP) of the Tilapia lake virus
<b>ASD-14</b>	matheresa.tarampi@gmail.com, krztntr@gmail.com	Krizia H. Tintero, Ma. Jodecel C. Danting, Casiano H. Choresca Jr., Milagros M. Apaga, Jesusa Q. Undan, Roniño C. del Pilar, Ma. Theresa T. Oclos	Ma. Theresa T. Oclos	Krizia H. Tintero	National Fisheries Research and Development Institute-Fisheries Biotechnology Center, BFAR-NFFTC CLSU Compound Brgy. Bantug, Science City of Muñoz, Nueva Ecija	9088652747	Molecular differentiation and haplotype diversity of Nile tilapia ( <i>Oreochromis niloticus</i> , L. 1758) iExCEL strain
<b>ASD - Agriculture - food processing and control</b>							
<b>ASD-15</b>	jpmanuben@up.edu.ph	John Julius P. Manuben, Jasper A. Sarmiento	John Julius P. Manuben	John Julius P. Manuben	National Crop Protection Center, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Los Baños, Laguna	(049) 536 0959; 0927 959 5051	Are Organic-Labelled Vegetables Really Organic?: Presence of Pesticide Residues in Organic Produce and its Implication on Food Safety
<b>ASD-16</b>	erhidalgo@ust.edu.ph	Eiselle Joyce R. Hidalgo, Maria Ruth Pineda-Cortel, Elizabeth Hashim-Arenas	Eiselle Joyce R. Hidalgo	Eiselle Joyce R. Hidalgo	1The Graduate School, University of Santo Tomas; 2Department of Medical Technology, Faculty of Pharmacy, University of Santo Tomas; 3Research Center for Natural and Applied Sciences, University of Santo Tomas	+639274514980	Food Spoilage-Causing Bacteria Inhibition: Synbiotic Effect of Bifidobacterium species and Pili ( <i>Canarium ovatum</i> Engl.) Pomace as Potential Biopreservatives
<b>ASD-17</b>	ngdumandan@up.edu.ph, atkagaoan@up.edu.ph	Nico G. Dumandan, Michael Angelo S. Esteban, Ranelle dP. Acda, Annie Cita T. Kagaoan, Caren R. Tumaming	Nico G. Dumandan	Nico G. Dumandan	National Institute of Molecular Biology and Biotechnology (BIOTECH), University of the Philippines Los Baños, College, Los Baños, Laguna; Institute of Food Science and Technology, University of the Philippines Los Baños, College, Los Baños, Laguna	(+63) 945 397 1052	Sugarcane Phenolic Extracts as Source of Natural Antioxidants in Preserving Storage Quality of Raw Ground Pork

<b>ASD - Agriculture - genetic resources, plant breeding &amp; genetics</b>							
<b>ASD-18</b>	cqcortaga@up.edu.ph	Cris Q. Cortaga, Darlon V. Lantican, John Albert P. Lachica, Jhun Laurence S. Rasco, and Eureka Teresa M. Ocampo	Cris Q. Cortaga	Cris Q. Cortaga	Institute of Crop Science and Institute of Plant Breeding, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna, Philippines 4031	9558513958	High quality genome assemblies of two Philippine mangoes 'Sweet Elena' ( <i>Mangifera indica</i> L.) and 'Huani' ( <i>Mangifera odorata</i> Griff.) for mango genetic improvement and gene discovery
<b>ASD-19</b>	alvaranpaulina@gmail.com	Paulina J. Alvaran	Paulina J. Alvaran	Paulina J. Alvaran	Central Luzon State University, Science City of Munoz, Nueva Ecija	9756271593	Multilocation Trial of Selected Special Purpose Rice Genotypes
<b>ASD - Agriculture - postharvest physiology and food processing</b>							
<b>ASD-20</b>	mtvromero2021@gmail.com	Marissa Romero, Rodel Bulatao, Gerome Corpuz, Maricar Castillo, Ronalyn Miranda, and Rey Ordonio	Marissa V. Romero	Marissa V. Romero	Rice Chemistry and Food Science Division, Philippine Rice Research Institute, Maligaya, Science City of Muñoz, 3119 Nueva Ecija	63 44 4560277 local 260	Golden Rice (PSB Rc82): Grain Quality, Proximate Composition, and Carotenoids Stability of the First Biotech Rice in the Philippines
<b>ASD-21</b>	joed.layna@lsu.edu.ph	Angelica Antiquina, Mary Caress Manago, Joed Layna, Mary Joy Linsangan	Angelica O. Antiquina	Joed M. Layna	College of Tourism and Hospitality Management, La Salle University - Ozamiz City	09171643244	Optimization of Sweet Potato in the Development of Low Cost Vegan Cookie: A Proposed Feeding Program Food for Philippine Elementary Pupils