

COMPETING (21-23 JULY 2016)

OP-C-P-127 MTJA. Atienza

On-site dna extraction method for the detection of *Escherichia coli* o157:h7 using a DNA-based nanobiosensor

PP-C-NP-107 AAT Ko

***In vitro* characterization of biofilms of extended-spectrum beta-lactamase (ESBL)-producing *Klebsiella pneumoniae* in different temperatures, pH, incubation times, and salinities**

PP-C-NP-119 EKP Say

Growth and fatty acid production of *Halophytophthora* sp. S13005YL1-3.1 isolated from mangrove leaves

PP-C-P-109 FF Coronado

Biological treatment of industrial wastewater from semiconductor industry

OP-C-P-157 SJAB Orense

Development of loop-mediated isothermal amplification primers for Philippine acute hepatopancreatic necrosis disease causing *Vibrio parahaemolyticus* isolate

PP-C-P-178 JAL Pajar

Winning the Endgame: within-host interactions among three fungal parasites of *Brontispa longissima*

PP-C-P-139 GJM Sikat

Encapsulation and biofilm formation of mixed-microbial isolates for a bioaugmentation strategy applicable to waste water treatment of quick service restaurants (QSRS)

PP-C-P-146 CMT Perez

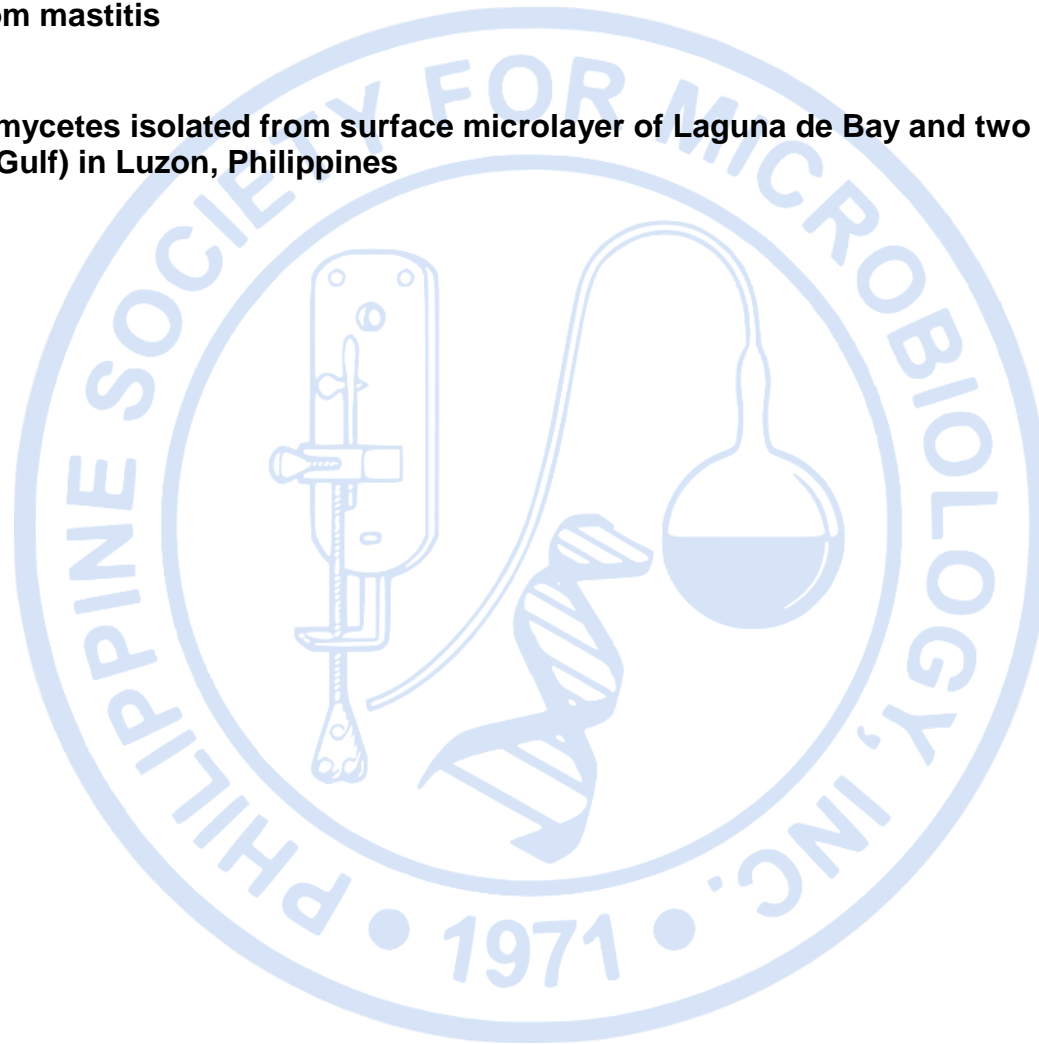
Detection of bacterial laminarinase activity for possible application in ethanol production from algal hydrolysate of brown algae *Sargassum* sp., using halotolerant yeast

PP-C-P-194 TO Zulaybar

Efficacy of actinobacteria againsts three methicillin-resistant *Staphylococcus aureus* isolated from Batangas and Laguna dairy animals suffering from mastitis

PP-C-NP-138 MSD Toledo

Characterization of actinomycetes isolated from surface microlayer of Laguna de Bay and two estuarine ecosystems (Albay Gulf and Lingayen Gulf) in Luzon, Philippines



NON-COMPETING

DAY 1 (21 July 2016)

PP-NC-P-140 PC Ingalla

Optimization of Microplate Alamar Blue Assay through Dose Response Approach for High-throughput Screening of Bioactive Compounds from Sponge-derived Marine Microorganisms against ESKAPE

PP-NC-P-143 ST Maldia

Screening of Sponge-Associated Marine Microorganisms for Antimicrobial Activity

PP-NC-P-173 MSEP Subejano

Isolation and Screening for Antibacterial Activity of Actinomycetes from a Gold Mine Tailings Embankment in Itogon, Benguet, Philippines

PP-NC-P-126 WP C Buhian

Anti-protozoal potential of leaf and stem ethanol extracts from *Muntingia calabura* L. against *Entamoeba histolytica*

PP-C-NP-132 HJA Sanchez

Isolation of Extended Spectrum Beta-Lactamase (ESBL) *Klebsiella pneumoniae* from four provincial hospitals in Luzon and detection of blaCTX-M, blaOXA, blaSHV, and blaTEM genes

PP-NC-P-229 RB Navarro

Antifungal Susceptibility Pattern of *Cryptococcus neoformans* isolated among Filipinos with HIV infection

PP-NC-NP-149 JEL Daquioag

Morphological, Biochemical, and Molecular Identification of Methicillin-Susceptible and Methicillin-Resistant *Staphylococcus aureus* from Computer Peripherals in 27 Public Computer Service Providers in UP Diliman

DAY 1 (21 July 2016)

PP-NC-P-113 CAC Justo

An update on the phylogeny of parabasalids in the Philippines

PP-C-NP-135 JJG Guerrero

Screening for secondary metabolites of microfungi endophytes found in *Canarium ovatum* Engl.

PP-NC-P-144 CM Brown

Isolation, morphological characterization, and screening of indole-3-acetic acid bacteria from the filamentous Cyanobacteria, *Nostoc* sp.

PP-NC-P-171 VM Aquino

Molecular detection and genetic diversity of banana bract mosaic virus (BBrMV) in the Philippines

PP-NC-NP-176 CFC Barbosa

Molecular characterization of mushroom bacilliform virus isolated from *Agaricus* sp. in Baguio City, Philippines

PP-NC-P-117 NR Bolo

Detection of *Cryptosporidium* oocysts from bivalve samples using direct fluorescence antibody test

PP-NC-P-116 JLJ Gacad

Antiseptic alcohol alters the antibiotic susceptibility of *Proteus mirabilis*

PP-NC-P-124 AV Hallare

Next Generation Sequencing revealed dominant fungal population in collected dust from selected public school classrooms in Metro Manila

PP-NC-P-129 LMM Dalmacio

Bacterial community profiling of collected dust from selected public school classrooms in Metro Manila using next generation sequencing

DAY 1 (21 July 2016)

PP-NC-P-170 TD Balangcod

Screening of antibacterial activity from indigenous ethnomedicinal plants from Mount Polis, Mountain Province, Philippines

PP-NC-P-123 WL Rivera

Broad-spectrum beta-lactamases in *Salmonella* species isolated from slaughtered swine

PP-NC-P-184 ET Pilapil

Isolation of two azo dye decolorizing bacteria from wastewater effluent of a manufacturing factory

PP-NC-P-158 PG Vital

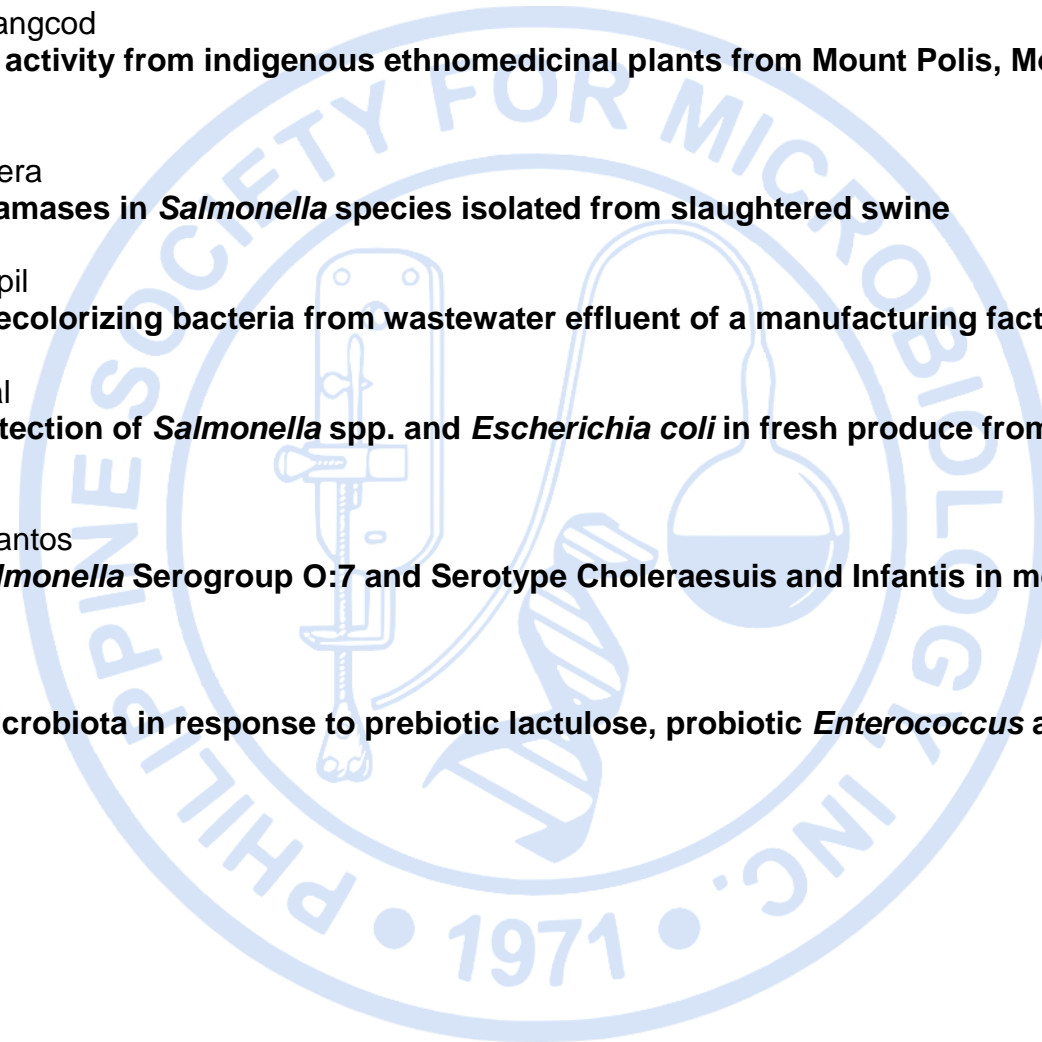
Cultural and molecular detection of *Salmonella* spp. and *Escherichia coli* in fresh produce from various open air markets in Philippines

PP-NC-P-111 PDM Santos

Molecular detection of *Salmonella* Serogroup O:7 and Serotype Choleraesuis and Infantis in meat products from selected Metro Manila wet markets

PP-C-P-161 JP Chae

The shift in swine fecal microbiota in response to prebiotic lactulose, probiotic *Enterococcus* and synbiotic mixture supplementation of feeds



DAY 2 (22 July 2016)

OP-NC-NP-225 RB Eugenio

Isolation, screening and identification of erythromycin resistant bacterial isolates from *Aedes aegypti* L. fourth instar gut

PP-NC-NP-100 SA Basit

***In vitro* predation of bacteriophage against metallo-Beta lactamase producing *Pseudomonas aeruginosa* towards phage therapy model**

PP-NC-NP-202 MF Lazo

Isolation and characterization of virulent bacteriophages against methicillin resistant *Staphylococcus aureus* (MRSA)

PP-NC-P-104 AC Juayang

Antibiotic susceptibility of *Neisseria gonorrhoeae* in Bacolod City, Philippines

PP-NC-NP-193 JLdA Maagma

Influence of oral supplementation with *Chlorella sorokiniana* powder on the development of isoproterenol-induced myocardial infarction in a mouse model

PP-NC-P-230 TKAA Villarmino

Sentinel surveillance for etiological diagnosis of bacterial meningitis in the Philippines, 2015

PP-NC-NP-234 LBRO dela Peña

Detection and molecular characterization of *Cryptosporidium* spp. in green mussels (*Perna viridis*) from Quezon City wet markets

PP-NC-P-192 MR Calapardo

Screening for protease activity of selected probiotic lactic acid bacteria from Philippine fermented food

PP-NC-P-115 DEV Adao

Subtype diversity of *Blastocystis* sp. isolates from human, animal, and water samples in the Philippines

DAY 2 (22 July 2016)

PP-NC-P-177 JGG Española

Molecular characterization of a mycovirus isolated from cultivated *Lentinula* sp. In Benguet, Philippines

PP-NC-P-228 JMP Rapanut

Effect of National External Quality Assurance Scheme (NEQAS) in the development of quality in diagnostic bacteriology

PP-NC-P-233 MR Santiago

β -galactosidase and bile salt hydrolase activity of probiotics isolated from cocowater kefir

PP-NC-P-215 RG Gicana

Improved eDNA extraction and low nutrient culturing methods reveal unusual bacterial taxa in the culturable microbiota of bacterial wilt-conducive and non-conducive soils

PP-NC-P-155 PG Vital

Detection of class I and II integrons among *Escherichia coli* isolates from agricultural irrigation waters in Bulacan, Philippines

OP-C-P-130 LGA Samaniego

Microbial flora in ukay-ukay clothing from flea markets in Valencia City, Bukidnon, Philippines

PP-C-NP-133 ZS Elumba

Inhibition of *Pseudomonas aeruginosa* biofilm formation using aqueous extracts of selected Basidiomycetes

OP-C-P-114 G Milanez

Molecular identification of amoeba isolates in the waters of Lake Taal

DAY 2 (22 July 2016)

PP-NC-NP-165 RQ Baculi

Diversity of enzyme- producing alkaliphilic and alkalitolerant bacteria cultivated from serpentinization-driven high pH groundwater in Zambales, Philippines

PP-C-NP-150 L Bañez

Identification of endophytic fungi of mangrove species in Prieto Diaz, Sorsorgon, Philippines

PP-NC-P-141 EDLR Arguelles

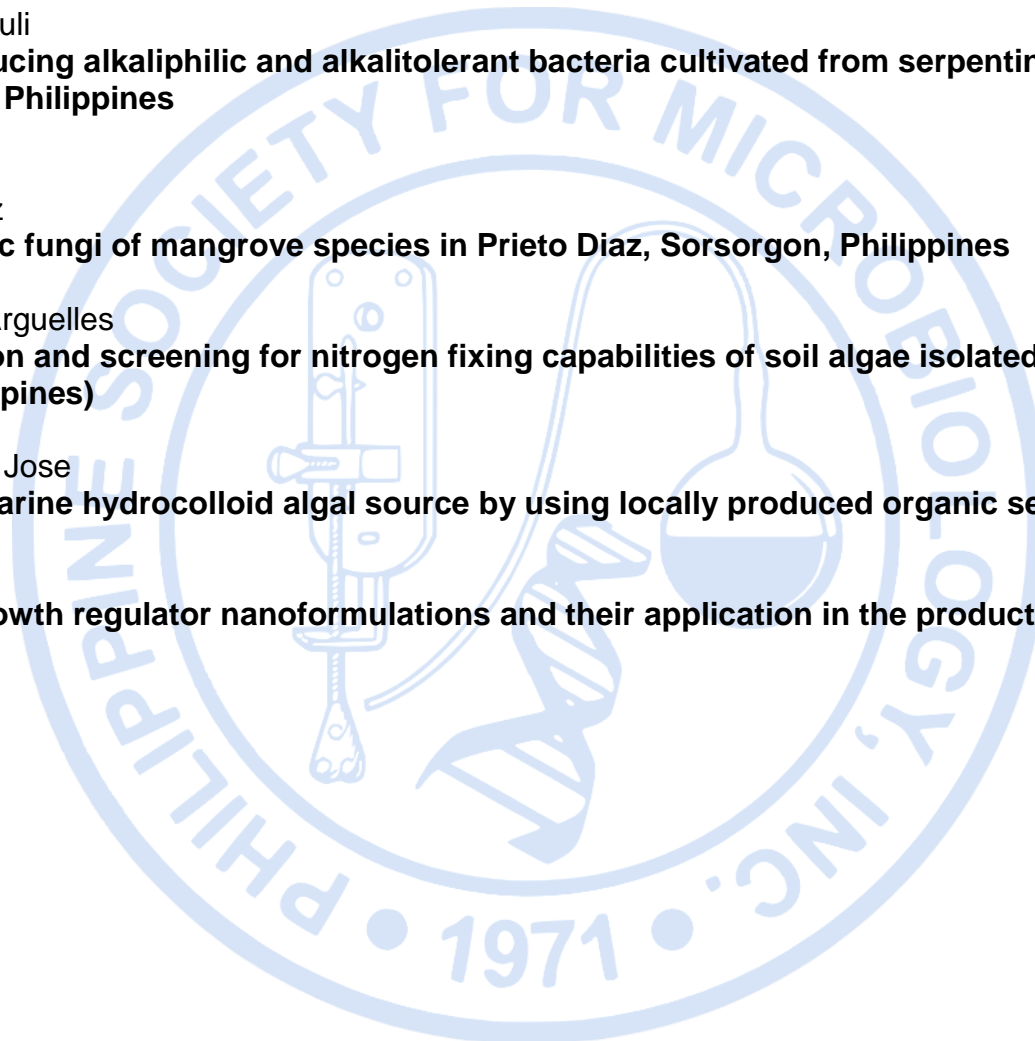
Phenotypic characterization and screening for nitrogen fixing capabilities of soil algae isolated from local rice fields of Los Baños, Laguna (Philippines)

PP-NC-P-213 PS San Jose

Growth improvement of marine hydrocolloid algal source by using locally produced organic seaweed fertilizers

PP-C-P-142 JMK Parami

Microbial-derived plant growth regulator nanoformulations and their application in the production of high value crops



DAY 3 (23 July 2016)

PP-NC-P-214 P.J.L. Geraldino

Development of nano anti-microorganism agents using glycolipid biosurfactants derived from macroalgal feedstock bioconversion

PP-NC-P-211 J.B. Torreda

Influence of supplementation with lactic acid bacteria isolated from cottage cheese (kesong puti) on the lipid profile of hypercholesterolemic rats

PP-NC-P-145 C.M.T. Perez

Culture optimization studies of priority sponge-derived marine bacteria for the production of potential anti-proliferative compounds

PP-C-NP-137 Z.S. Elumba

Effects of *Ganoderma applanatum* aqueous extracts on the expression of quorum sensing-controlled phenotypes of *Pseudomonas aeruginosa*

PP-NC-P-153 G.M. Penuliar

Prevalence, antimicrobial susceptibility pattern, and risk factors for colonization and multidrug resistance in *Staphylococcus aureus* isolates from the senior citizens of the Golden Reception and Action Center for the Elderly and other Special Cases (GRACES)

PP-NC-P-231 A. Sadiasa

Detection of bacterial meningitis infection from children diagnosed of severe to very severe pneumonia with mortality outcome

PP-NC-P-238 A. De Cadiz

Antimicrobial activity and phytochemical screening of the methanolic crude extracts of *Aglaia* spp and *Dillenia philippinensis*

DAY 3 (23 July 2016)

PP-NC-P-209 MC Cruz

Detection of β -lactamase gene that is prevalent among ESBL and non-ESBL-producing *E. coli* clinical isolates

PP-NC-P-197 JD Saguibo

Application of probiotic starter in some common food: smoothie, tempeh, yogurt drink and white cheese

PP-NC-P-195 F Elegado

Ethanol fermentation performance of acid-tolerant *Saccharomyces cerevisiae* 5N1 in blackstrap molasses

PP-NC-P-203 AG Estopace

Antimicrobial activities of the pulp extracts of two lesser-studied coffee varieties, liberica and excelsa

PP-NC-P-236 MJ Celofas

Effect of metal ions on the secondary metabolite production of *Truncatella*-associated bacteria

PP-NC-P-122 C Fadriquela

Identification of fungal (molds) isolates from the main façade doors of Malate Church, Manila, Philippines

PP-NC-NP-166 RQ Baculi

Optimization of pH and carbon sources in the protease and amylase production of *Exiguobacterium aurantiacum* and *Oceanobacillus oncorhynchi* from a hyperalkaline spring

PP-NC-P-154 VB Argayosa

Incidence of fecal streptococci in open shallow wells in Quezon City

PP-NC-P-220 GC Doblaz

Luminescent bacteria isolated from *Oreochromis niloticus* L. as potential agrochemical bioindicator

DAY 3 (23 July 2016)

PP-NC-P-224 JJ Abello

Antibiotic resistance among isolated *Escherichia coli* and *Salmonella* species in contaminated fresh produce from selected open air markets and supermarkets in the Philippines

PP-NC-P-191 IA Papa

Actinobacteria as biocontrol agents against *Ralstonia solanacearum* in tomato

PP-NC-P-196 PJC Gabo

Enhancement of vermicompost using the biofertilizer Bio-N

PP-NC-NP-185 JEL Daquioag

Prevalence and risk factor analysis of *Campylobacter* spp. colonization among domesticated dogs (*Canis familiaris*) in San Jose del Monte, Bulacan

PP-C-NP-187 ACR de Guzman

Screening of antibacterial activity of *Senna alata* Pers., *Lagerstroemia speciosa* Roxb. and *Terminalia microcarpa* Decne. ethanolic extracts against extended spectrum β -Lactamase (ESBL) - producing bacteria isolated from blood of patients from a tertiary care hospital in Quezon City

OP-NC-P-221 AAA Hamid

The mechanistic role of active site residues in non-stereospecific α -haloacid dehalogenase E (DehE)

PP-NC-P-232 RL Banhaw

Prevalence of *Vibrio cholerae* Ogawa biotype El Tor in the Philippines for 2015