

**第四屆環境醫學國際研討會暨全國大專校院食安系所論壇
-食品安全生物監測規劃與未來展望**

2019 International Symposium of Environmental Medicine

Poster Session		Environmental and Occupational Health Sciences Occupational Medicine (EOHS) 環境職業衛生	
No.	姓名	Name	Topic
EOHS 01	鄭雅之	Ya-Chih Cheng	Using UPLC-QqQ-MS/MS Based Lipidomic Approach to Reveal the Effects of Zika Virus Infection in Aedes aegypti
EOHS 02	游凱迪	Kai-Di Yu	The population distribution and genetic diversity of autogenous Culex pipiens molestus (Diptera: Culicidae) in Taipei and Kaohsiung
EOHS 03	趙澤璋	Tse-Wei Chao	Solid-Phase Microextraction Procedure to Determine Pesticide Residues in Urine of Taiwanese Children
EOHS 04	邵詩甯	Shih-Ning Shao	Estimating the Dermal Exposure to Fragrance Allergens and Preservatives from Personal Care Products by Using Vertical Diffusion Cell
EOHS 05	曾靖軒	Jing-Syaun Zeng	The Potential Impacts of Climate Change on Water Quality –Temperature Dependence on Microorganism Activities and Disinfection By-product Formation
EOHS 06	林彥妮	Yen-Ni Lin	Extraction efficiency of filters for Staphylococcus aureus
EOHS 07	夏瑞敏	Jui-Min Hsia	Determination of Environmental Pollutants in Urine and Serum Using Ultra-performance Liquid Chromatography/tandem Mass Spectrometry
EOHS 08	馮廣哲	Guang-Zhe Feng	Prenatal Perfluoroalkyl Substances Exposure Effect on Birth Outcomes and Related Histone Modifications
EOHS 09	張書維	Shu-Wei Chang	Lipidomics to study naphthalene-induced lipid changes in the mouse serum
EOHS 10	鄭兆隴	Chao-Lung Cheng	Prenatal Heavy Metals Exposures in Association with Small Nuclear

			Ribonucleoprotein- Associated Protein N Gene Methylation Level and Birth Outcome
EOHS 11	何采築	Tsai-Chu Ho	Suspect screening of human serum for identifying potential exposure to environmental pollutants with UHPLC-QTOF/MS
EOHS 12	白智維	Jimmy Pai	Occurrences of pharmaceuticals and personal care products in water of Taiwan and their removals in conventional treatment processes
EOHS 13	張博翔	Bo-Hsiang Chang	Removal of Gaseous Pollutants and Particles by Using a Kitchen Hood
EOHS 14	許蜜璇	Mi-Hsuan Hsu	Concentration of total culturable bacteria in animal farms—a review of literature and field sampling
EOHS 15	楊晴雯	Ching-Wen Yang	Using Silicone Wristbands as Personal Samplers to Monitor the Exposures of Airborne Terpenes
EOHS 16	古玫生	Mei-sheng Ku	Geographical Distribution of Fast Food and Colorectal Cancer (CRC) Incidence in Young Adults
EOHS 17	陳婷甄	Ting-Zhen Chen	Effects of Ambient Fine Particulate Matter Exposure on Lipids of Various Organs in a Rat Inhalation Model
EOHS 18	蔡瑋城	Wei-Cheng Tsai	Evaluating vertical concentration variation and carcinogenic potencies of polycyclic aromatic hydrocarbons for PM2.5 in Taipei Area
EOHS 19	呂珮萱	Pei-Husan Lu	Antibacterial activities of windscreen wiper fluids (WWFs) against mature infectious forms (MIFs) of Legionella pneumophila
EOHS 20	陳滢安	Ying-An Chen	A Longitudinal Survey on Malaria Epidemiology in Sao Tome and Principe after National Interventions
EOHS 21	施屏	Ping Shih	Hyperactivity disorder in children was related to maternal job stress during pregnancy: a prospective cohort study
EOHS 22	曾家緹	Chia-Ti Tseng	Flow Design of Chicken Cages with Computational Fluid Dynamics
EOHS 23	洪逸萱	Yi-Hsuan Hung	Active living wall modules

EOHS 24	陳美志	Mei-Jyh Chen	Application of Helicobacter pylori stool antigen test to survey the updated prevalence of H. pylori infection in Taiwan
EOHS 25	鍾昀珊	Yun-Shan Chung	Indoor Air Pollution and Cardiovascular Hemodynamics: A 24-h Real-time Monitoring
EOHS 26	戴逸昇	Yi-Sheng Tai	Arsenic Exposure and Temporal Trend of Incidence in Upper Urinary Tract Urothelial Carcinoma, 1979-2010: A Nationwide Population-based Study in Taiwan
EOHS 27	宋翹楚	Qiao-Chu Song	Hot Spring Bathing and Cardiovascular Functions: A Pilot Study in Taiwan
EOHS 28	涂宜玟	Yi-Wen Tu	Assessment of the General Ventilation in Long-Term Care Institutions in Computational Fluid Dynamics
EOHS 29	潘士群	Shih-Chun Pan	The relationship between air pollution exposure and the risk of diabetic retinopathy
EOHS 30	彭楚芸	Chu-Yun Peng	The Association Between BMI and Workplace Aggression in Taiwan
EOHS 31	陳怡瑋	Yi-Hsuan Chen	Effects of sub-chronic exposure to ambient particles on CNS toxicity of Alzheimer's disease in 3xTg-AD mice.
EOHS 32	傅晨歡	Chen-Huan FU	Effects of oropharyngeal aspiration to diesel exhaust particles on central nervous system toxicity in 3xTg-AD mice"
EOHS 33	黃紹祖	Shao-Zu Huang	Applying Cluster Analysis to Characterize and Incorporate Measurement Data from Similar Occupational Exposure Scenarios in a Bayesian Exposure Assessment Model
EOHS 34	陳禹翰	Yu-Han Chen	Toxicokinetics and Bioaccumulation of the Food-toxin IQ
EOHS 35	鍾季桓	Chi-Huan Chung	Characterization of nano-scale titanium dioxide in aquatic environment in the Taipei metropolitan area
EOHS 36	張家銘	Chia-Ming Chang	The adverse drug events leading to emergency department visit
EOHS 37	謝億廷	Yi-Ting Hsieh	Inorganic arsenic exposure of residents living near the No. 6 Naphtha Cracking Complex.

EOHS 38	莊志揚	Chi-Yang Chuang	Assessment of the Status about Home Kitchens - Environmental Airflow Interference and Flow Field Correlation
EOHS 39	林育任	Yu-Jen Lin	Sleep quality and mental disease among Professional Drivers
EOHS 40	錢建文	Jien-Wen Chien	Urban open space is associated with better renal function of adult residents in New Taipei City
EOHS 41		Raman Kumar	Patterns and sources of PM10 in ecologically sensitive Himalayan region Himachal Pradesh, India
EOHS 42	陳衍達	Yan-Da Chen	Multiple-site approach of Positive Matrix Factorization on Simulated Data
EOHS 43	林睿墉	Jui-Yung Lin	Study on the Associations of Dietary Intake and Blood and Urinary Metal Levels of Children and Adolescents
EOHS 44	陳其欣	Chi-Hsin Chen	Exposomic study on the association between multiple pollutants exposure and metabolome in residents living near No. 6 Naphtha Cracking Complex
EOHS 45	謝明順	Ming-Shun Hsieh	Association between Air Pollution and Attention Deficit Hyperactivity Disorder (ADHD), a Nationwide 13-year Follow-up Study
EOHS 46	曾昱霖	Yu-Lin Tseng	Evaluation of Aerosol Quantitative Fit Testing Methods
EOHS 47	林蔚琪	Wei-Chi Lin	Particulate Matter and Neurodegenerative Disorders: A Systematic Review
EOHS 48	盧靖安	Ching-An Lu	Effect of Strap Tension on Filtering Facepiece Respirator Fit
EOHS 49	李念偉	Nian-Wei Lee	Dioxin-like chemicals exposure leads to an il-22-related autoimmune trait in human
EOHS 50	王怡人	I-Jen Wang	Gender differences in atopic disorders after triclosan exposure
EOHS 51		Chien Samphoas	Prevalence of Mental Health Problems and Associated Risks among Cambodian Migrant Workers: A Mixed-Method Study

EOHS 52	李建霖	Chien-Lin Lee	Simulation of a Modified PMF Model for Analyzing Data with Spatial Variation
EOHS 53	王志文	Chih-Wen Wang	Urinary Thiodiglycolic Acid is Associated with Increased Risk of Non-Alcoholic Fatty Liver Disease in Children Living near a Petrochemical Complex
EOHS 54	吳佳芳	Chia-Fang Wu	Repeated measures of maternal urinary melamine during pregnancy and placenta melamine and the health effect on birth weight: A preliminary study
EOHS 55	黃柏菁	Po-Chin Huang	Human Biomonitoring, Estimated Daily Dose and Cumulative Risk of Phthalates Exposure in the General Children and Adolescents: Results from Taiwan Environmental Survey for Toxicants (TEST) 2013-16.
EOHS 56	游裕明	U-Meng lao	Evaluation of the Efficacy of Different Intervention Strategies on Indoor Air Quality_ A Case Study in the After-school Care Class.
EOHS 57	林君庭	Chun-Ting Lin	Inter-Relationship of The EGFR Gene Polymorphism and Low-Level Cadmium Exposure with Estimated Glomerular Filtration Rate
EOHS 58	方怡仁	Yi- Jen Fang	Increased risk of stomach cancer in asbestos-exposed workers: A 35-year retrospective cohort study in Taiwan
EOHS 59	林柏秀	Po-Hsiu Lin	Association between Long-term Exposure to Fine Particulate Matter and Incidence of Attention Deficit Hyperactivity Disorder in Taiwan: A National Retrospective Cohort Study
EOHS 60	廖凱威	Kai-Wei Liao	Biomonitoring of Urinary Thiodiglycolic Acid Level in the General Taiwanese Children – Taiwan Environmental Surveys for Toxicants 2013-2016.
EOHS 61	林昆良	Kuen-Liang Lin	Quantification of economic costs related to occupational cancer: Taiwan experiences
EOHS 62	蔡慧如	Hui-Ju Tsai	Association between exposure to air pollutants in prenatal stage and eczema in Asian school-age children

EOHS 63	楊育儀	Peter Yang	The Use of Importance-Performance Analysis in Strengthening Health Promotion and Counseling Services for Undergraduate Students
EOHS 64	廖凱威	Kai-Wei Liao	Urinary cadmium, lead, cobalt, copper levels in the general population of Taiwan – Taiwan Environmental Surveys for Toxicants 2013-2016.
EOHS 65	戴君如	Chun-Ju Tai	The comparison on pcbs exposure levels in birth cohorts between taiwan and japan
EOHS 66	王世博	Shi-Bo Wang	Assessment and Improvement of the Sampling Train of PM CEMS
Poster Session		Food Safety (FS) 食品安全	
No.	姓名	Name	Topic
FS 01	許瀨尤	Ching-Yu Hsu	Application of Health Risk Assessment in Food Processing - Using Acetaldehyde Contained in Taiwan Sorghum Liquor as an Example
FS 02	孫一誠	Yi-Chen Sun	Quantitation of Heterocyclic Amines, Nitrosamines, and Acrylamide in Urine Samples by UPLC-MS/MS
FS 03	張慈庭	Chang-Tzu Ting	Chronic exposure to Aflatoxin B1 adversely affects innate immunity in Caenorhabditis elegans
FS 04	蕭佑亭	Yu-Ting Hsiao	4-Methylimidazole Induces Cell Senescence and Collagen IV Reduction on Skin Fibroblasts Hs68 cells
FS 05	陳品儒	Pin-Ju Chen	Study of Risk Perception, Public Trust, and Confidence on Food Safety in Taipei -A Pilot Study in 29th Taipei International Food Show
FS 06	許小璿	Hsiao-Hsuan Hsu	Risk Perception on Microplastics
FS 07	蕭鵬	Peng Siao	Determination of Perfluoroalkyl Substances in Food Packaging in Taiwan Using UPLC/MS/MS
FS 08	蘇偉綸	Wei-Lun Su	Simultaneous determination of process-induced nitrogen compounds in processed meats by using optimized QuEChERS coupled with UPLC-MS/MS
FS 09	張景翔	Ching-Hsiang Chang	Establishment the predictive growth model of Bacillus sp. isolated from commercial soy milk

FS 10		Ito Fernando	Effects of Phytocystatins from Sesame and Jelly Fig Against the Cowpea Weevil <i>Callosobruchus maculatus</i>
FS 11	曾巧涵	Chiao-Han Tseng	Molecular Epidemiology of <i>Clostridioides difficile</i> in Outpatients with Diarrhea of A Regional-Level Teaching Hospital in Central Taiwan
FS 12	王瓊琇	Chiung-Shiow Wang	Associations of prenatal phthalates exposure and cord blood IgE levels: the Taiwan Maternal and Infant Cohort Study (TMICS)
FS 13	葉修榜	Siou-Bang Ye	A comprehensive preliminary evaluation between QuEChERS and SPE pretreatment methods for quinolones in goat milk
FS 14	蕭士豪	Shih-Hao Hsiao	The effect of acrylamide on isolated rat aorta and mouse phrenic-nerve diaphragm toxicity
FS 15	林鼎彥	Ding-Yan Lin	Establish background datasets of metagenomics (community genomics) in the soil for food production surveillance: an application to big data in food safety and pathogen identification
FS 16	王郁淳	Yu-Chun Wang	Development and Validation of a High Pressure Liquid Chromatography Method for Sudan III
FS 17	戴延真	Yan-Jhen Dai	Safety Assessment of Red Quinoa and Barley-Based Solid-State Fermented <i>Antrodia cinnamomea</i> Mycelium in Genotoxicity and 90-Day Feeding Toxicity in Rats
FS 18		Krishnamanikumar premachandran	Identification of oryzacystatin-II in <i>nilaparvata lugens</i> resistant and susceptible indica rice varieties
FS 19		Govindan krishnamoorthy	Effect of fungal bioactive metabolite on fimbrial proteins associated with <i>Klebsiella pneumoniae</i>
FS 20	陳信榕	Hsin-Jung Chen	Risk analysis method used in SMFEs implementing ISO 22000:2018 and HACCP to conditionally determine "inspection-acceptance" as a critical control point

FS 21		Sandanakirouchenane Aroumougame	Burkholderia: A Bioinoculant for Organic Farming
FS 22	祁業華	Yeh-Hua Chi	Using the implementation of real-taste experiential learning in a course to evaluate teenagers' attitude to food purchasing intention
FS 23	楊雲霖	Yun-Lin Yang	Research on Taiwan Food Safety Management System
FS 24	鍾芯瑜	Hsin Yu Chung	The Evaluation of Food Safety Knowledge in Food Workers
FS 25	薛鉅蕤	Chu-Chen Hsueh	Application of non-thermal atmospheric plasma for surface sterilization of tomato
FS 26	余昊 蔡佳愷	Howard Yu, Jia-Hui Cai	Analysis of Food Safety Issues From News Reports