

## Poster Session:

**Location:** The Poster Presentation area is located on the second floor lobby of the convention center.

**Hours:** Posters should be set up for display in the morning of Wednesday, June 19th, 2024.

Presenters should be in attendance during the lunch break on:

- Wednesday, June 19<sup>th</sup>, 2024 from **13:30 to 14:00**.
- Thursday, June 20<sup>th</sup>, 2024 from **13:00 to 13:30**.

The display must be removed by **16:00** on Friday, June 21<sup>st</sup>, 2024.

Poster No.	Name	Country	Title
P-01	Krittinee Chaisatra	Thailand	Airborne particulate matter and size-resolved metal content in urban bangkok, Thailand
P-02	Shamsa Sabir	Thailand	Health Effects of PM2.5 Exposure: Insights from Chiang Mai, Thailand
P-03	Chalida Chompoobut	Thailand	Submicron particle (PM1-PM0.01) measurements on public transport in bangkok, thailand
P-04	Srean Aun	Cambodia	Diurnal/Nocturnal Behavior of Particulate Matters during Dry Season in Phnom Penh, Cambodia
P-05	Thunyarut Bannawongsil	Thailand	Immunological impact of PM2.5 on human peripheral blood mononuclear cells (PBMCs) of allergic rhinitis
P-06	Qihua Wang	China	Short-term exposure to PM2.5-bound PAHs associated with higher blood glucose in childhood
P-07	Hewa Kalukapuge Jeevan Dhanarisi	Sri Lanka	Air Pollution in Sri Lanka: Trends, Impacts, and Policy Responses
P-08	Wenlou Zhang	China	Effects of Chemical Constituents and Sources of Indoor Fine and Coarse Particulate Matter on Cardiopulmonary Function among Patients with Chronic Obstructive Pulmonary Disease in Beijing, China
P-09	Somnath Sen	India	Exposure to polyaromatic hydrocarbons, biomonitoring of its metabolites and risk assessment among foundry workers
P-10	Chonyitree Sangwijit	Thailand	Self-reported symptoms of heavy metal exposure among electronic waste workers in northeastern Thailand
P-11	Bo Xie	China	Temporal trend changes in blood heavy metal(loid) levels with the risk of childhood anemia from a typical e-waste recycling area in China from 2006 - 2023
P-12	Pachoenchoke Jintasaeranee	Thailand	Adsorption of heavy metal from surface water using manganese-oxide acrylic fiber in eastern economic corridor (EEC) area, Thailand
P-13	Swapnil Tripathi	India	Insights into Heavy Metal Contamination in Indian Rivers and Government-led-Initiatives
P-14	Nalika Maha Durayalage	Sri Lanka	Exploration of Nephrotoxic Heavy Metal Contaminants in Edible Fish and Reservoir Sediments Linking with CKDu Prevalence of Sri Lanka
P-15	Sita Adhikari	Bhutan	Preliminary findings on levels and health risk assessment of mercury Contamination in dried fish consumed in Bhutan
P-16	Kyaw Wai Naing	Myanmar	Enhancing National Food Safety in Myanmar
P-17	Welathanthrige Shermila Botheju	Sri Lanka	Human Health, Environmental Challenges, and Sustainable Development Nexus: Concerns from Sri Lanka
P-18	Kriengsak Lirdprapamongkol	Thailand	Invasion-promoting potential of bisphenol A in liver cancer depends on cancer cell differentiation state

P-19	Kidus Workineh Tebikew	Ethiopia	Baby Diapers Containing Toxic Chemicals and its Risk to Human Health and the Environment in Ethiopia; A Call to Action.
P-20	Phichamon Phetchahwang	Thailand	Exposure to low concentration of perfluorooctanesulfonic acid (PFOS) increases metastatic potential of thyroid carcinoma cells
P-21	Dhanushka Darshana Silva Nammuni	Sri Lanka	Microplastic Pollution in Paradise: Assessing Environmental Health Concerns in Sri Lanka
P-22	Dhan Raj Giri	Bhutan	Assessment of exposure to pesticides and the knowledge, attitude and practice among farmers of western Bhutan.
P-23	Chantima Piyapong	Thailand	Application of protists isolated from RSPG areas in assessing toxicity of pollutants in laboratory: a case study of insecticides
P-24	Theetat Ruangjaroon	Thailand	N-phenylpyrazole insecticide fipronil causes endoplasmic reticulum stress and unfolded protein responses in sh-sy5y cells
P-25	Parinya Tipanyo	Thailand	The impact of paraquat on antibiotic resistance in bacteria: A study of ferritin-like (frl) gene in <i>Stenotrophomonas maltophilia</i>
P-26	Pitthawat Grittanaanun	Thailand	Role of glyphosate in antibiotic resistance in <i>Stenotrophomonas maltophilia</i>
P-27	Chaowalit Warodomrunsimun	Thailand	Biological wastewater treatment and plant nutrient recovery: a case study for the slaughterhouse industry
P-28	Rattana Toensakes	Thailand	Methodology for polyhydroxyalkanoate biosynthesis material production by indigenous isolated strains
P-29	Sudrit Saensuk	Thailand	Evolution of water quality from bangpakong headwater to coastal area of chonburi province in thailand by using water quality index method
P-30	Chawin Penjan	Thailand	Development of high performance immunochromatographic methods for the detection of anti-IFN-gamma autoantibodies in adult-onset immunodeficiency disease
P-31	Nonticha Ngernpisutsilp	Thailand	Production of low-cost recombinant proteins for immunoassay to support local biologic drug development
P-32	Punyawee Dulyayangkul	Thailand	The effects of dibutyl phthalate (DBP) degrading enzyme, EstB, against $\beta$ -lactam susceptibility in <i>Pseudomonas aeruginosa</i>
P-33	Punyawee Dulyayangkul	Thailand	Identification and characterization of small multidrug resistance family efflux pump in <i>Stenotrophomonas maltophilia</i>
P-34	Konthon Prommachat	Thailand	Change in air pollutant concentration, their associated meteorological parameters, and potential sources in Samut Prakan province
P-35	Suwat Worratanakit	Thailand	Effects of short-term exposure to PM2.5 on outpatient department visits for anxiety and stress-related disorders in Mae Hong Son, Thailand
P-36	Thunyachote Khempunjakul	Thailand	Estimation of surface PM2.5 concentration in Thailand using satellite remote sensing and machine learning algorithm
P-37	Injleen	Thailand	In utero exposure to polycyclic aromatic hydrocarbons (PAHs): DNA damage in pregnant women and newborns
P-38	Asadavudh Buachum	Thailand	Potential source areas of air pollution in Bangkok, Thailand: a case study in north Thonburi zone

P-39	Wanrada Jiranantawut	Thailand	Assessment of in utero exposure to micro-nanoplastics and potential health effects in mother and newborns
P-40	Thitiwat Mataroepayotorn	Thailand	Human exposure of microplastic by consumption of canned sardines
P-41	Tanyaporn Buatang	Thailand	Risk assessment of exposure to small microplastics (1-60 $\mu\text{m}$ ) from green mussel consumption
P-42	Ariya Sithalon	Thailand	Toxicity of polyethylene microplastics on human THP-1 monocyte-derived macrophage cells
P-43	Thitirat Luangwong	Thailand	Arsenic reduced insulin expression in differentiated neuroblastoma SH-SY5Y cells
P-44	Tanasub Sakultanasub	Thailand	Effect of arsenic on stem cell aging and its impact on the differentiation to hematopoietic stem cells
P-45	Sornsawan Duangta	Thailand	Effects of a novel estrogenic endocrine disruptor on breast cancer promotion and progression: The mechanistic insights from in vitro studies
P-46	Thapanapong Srirasitnanthiwat	Thailand	Food handlers' practices and coliform bacteria contamination in food stalls: A case study of flea markets in Prachuap Khiri Khan province, Thailand
P-47	Piyarat Govitrapong	Thailand	Huperzine A reduces amyloid-beta-induced neuroinflammation in human neuroblastoma cells
P-48	Vajira Shanil Kuruppu Nanayakkara	Thailand	A model of Shwachman-Diamond Syndrome, the SDO1 deletion mutant, exhibits phenotypic differences from mutations in RPS19A or RPS19B implicated in Diamond-Blackfan Anaemia
P-49	Amita Mekarunithai	Thailand	Tetracycline induces minocycline resistance in <i>Stenotrophomonas maltophilia</i>
P-50	Surussinee Buayoungyuen	Thailand	Economic benefits of nutrients removal and recovery processes from slaughterhouse wastewater treatment using ANA2/O2 SBR incorporation with ASD and P precipitation
P-51	Kooljira Koekon	Thailand	Exploration of reactivities of 4-haloisocoumarins as building blocks in preparing other heterocycles
P-52	Supansa Suriya	Thailand	Geospatial analysis of total coliform bacteria distribution: A case study at Bang Pakong river mouth area
P-53	Danuphon Radomthong	Thailand	The efficacy of <i>Canna indica</i> in textile wastewater treatment