

PLATFORM SESSIONS

ABSTRACTS

LIST OF PLATFORM PRESENTATIONS

Special Platform Session on One Health

Presentation No.

- World Health Organization calls for enhanced multisectoral action to improve chemical safety and protect public health, including through a one health approach** sO-1
Virunya Bhat (WHO, Switzerland)
- Development of guidance on problem formulation for implications for one health approaches** sO-2
Bette Meek (Canada)
- Harnessing nano-and bio-technology platforms for human and plant health** sO-3
Archana Bhaw-Luximon (Mauritius)
- Tracking communicable diseases using wastewater in an environmental one health framework** sO-4
Kwanrawee Sirikanchana (Thailand)

Special Platform Session on Cancers

- The landscape of etiological patterns of hepatocellular carcinoma and intrahepatic cholangiocarcinoma in Thailand** sO-5
Benjarath Pupacdi (Thailand)
- Integrated genomic applications discern molecular subgroups and treatment response in liver cancer** sO-6
Anuradha Budhu (U.S.A.)
- Ionizing radiation-associated liver cancers in the Mayak worker cohort** sO-7
Christopher Loffredo (U.S.A.)
- Urinary biomarkers for early lung cancer detection in nonsmokers: A step toward personalized screening** sO-8
Daxeshkumar P. Patel (U.S.A.)

Free Communication

- The impact of glyphosate on emergence of antimicrobial resistance** O-1
Nisanart Charoenlap (Thailand)
- Biocide-associated resistance mechanisms in *Pseudomonas aeruginosa*: Impacts on antibiotics and host immunity** O-2
Adisak Romsang (Thailand)
- Nano boost: Enhancing antibacterial efficacy of ceftriaxone with magnesium oxide nanoparticles to tackle antimicrobial resistance** O-3
Qaisar Akram (Pakistan)
- Evaluating AMR surveillance methodologies in Cholistan and Sahiwal cattle: A comparative study of sampling strategies and testing techniques in Pakistan** O-4
Muhammad Amjad Ali (Pakistan)
- Emergence of multi-drug resistant bacteria due to irrational antibiotic use in livestock** O-5
Dhanushka Darshana Silva Nammuni (Sri Lanka)
- The gut microbiota in children from an e-waste recycling area with 6PPDQ and other pollutant exposure** O-6
Xia Huo (P.R. China)
- Heavy metal(loid) exposure increases the risk of childhood anemia: Evidence from a typical e-waste recycling area in China** O-7
Bo Xie (P.R. China)
- Influence of e-waste exposure on DNA damage and DNA methylation in people living near recycling sites** O-8
Jinhan Wang (P.R. China)
- The health status assessment of personnel handling electronic waste in developing country: A situation analysis** O-9
Ravichandran Beerappa (India)
- Blood heavy metals, DNA damage, and intelligence quotient among children from an informal e-waste processing village in Vietnam** O-10
Hien Thi Thu Ngo (Vietnam)
- Environmental health risks of post-ban paraquat residues in Phitsanulok's Nan River** O-11
Pantip Hinhumpatch (Thailand)

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Adipose tissue levels of PBDEs in relation to chemotherapy toxicity, chemoresistance and prognosis in breast cancer patients <i>Lin Peng (P.R. China)</i>	O-13
Genetic underpinnings of hypoglycemia-induced epilepsy: Insights from GYS2 gene mutations <i>Muhammad Ilyas (Pakistan)</i>	O-14
Aminoacyl-tRNA synthetase deficiencies: Clinical presentations, biochemical analyses, and functional studies <i>Parith Wongkittichote (Thailand)</i>	O-15
Differential requirement for IL-2 and IL-23 in the differentiation and effector functions of T cell against cancer <i>Cai Ping Koh (Malaysia)</i>	O-16
Clinical feasibility of MALDETECT-CTC for detection of circulating tumor cells in osteosarcoma using whole-cell MALDI-TOF mass fingerprint <i>Santhasiri Orrapin (Thailand)</i>	O-17
<i>Candida albicans</i> DNA-protein crosslink repair and its roles in stress response <i>Oranart Matangkasombut (Thailand)</i>	O-18
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Synergistic effects of AMPK activation and TBK1 inhibition to improve metabolic health and insulin sensitivity in obese mice <i>Churaibhon Wisessaowapak (Thailand)</i>	O-21
Unraveling the intracellular action of antimicrobial peptide A11 through proteomic analysis in <i>Acinetobacter baumannii</i> <i>Ratchaneewan Aunpad (Thailand)</i>	O-22
Glycolipid biosurfactant and its potential applications in biomedicines <i>Nitnipa Soontornugn (Thailand)</i>	O-23
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Toxicological impacts of clofibrac acid, diclofenac and ibuprofen on fish: An environmental health issue <i>Manoharan Saravanan (India)</i>	O-25
Exploring and characterizing the biosynthetic machineries for synthesizing fungal natural products <i>Hsiao-Ching Lin (Chinese Taipei)</i>	O-26
<i>In vitro</i> screening for anti-viral and virucidal effects against HIV-1 RT and SARS-CoV-2 by phenylamino-phenoxy-quinoline <i>Arhit Makarasen (Thailand)</i>	O-27
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