

Symposium Program

Symposium Moderator:

Prof G.S. Pandey

(Samora Machel School of Veterinary Medicine, the University of Zambia)

--Opening--

9:00-9:10

Welcome Address

Prof. Aaron S. Mweene (Dean, Samora Machel School of Veterinary Medicine, the University of Zambia)

9:10-9:20

Opening Remarks

Prof. Stephen Simukanga (Vice-Chancellor, the University of Zambia)

--Oral & Poster Sessions—

(Honorifics omitted)

Morning Oral Session (9:20-12:10)

9:20-10:15 **Symposium Lecture**

O-1 The Problem of Plastic in Africa

Nabil H.H. Bashir (Faculty of Agricultural Sciences, University of Gezira, Sudan)

10:15-11:10 **Keynote Lecture**

O-2 Pesticide Regulation, Use, Risk, and Management in Africa

Salah A. Soliman (Alexandria University)

11:10-11:30 Coffee Break

11:30-11:55

O-3 Tetracycline residues in carcasses of Mansoura Abattoir

Morshdy Alaa Eldin Mohamed Ali (Zagazig University, Egypt)

11:55-12:20

O-4 Biomarkers of pollution in Tigerfish, *Hydrocynus vittatus*, in rivers of the Kruger National Park, South Africa

JHJ van Vuren (University of Johannesburg, South Africa)

12:20-14:00 Lunch & Poster Discussion Time

Poster Session (12:20-14:00)

Core time

Even number: 12:20-13:10 / Odd number: 13:10-14:00

P-1 Effect of endosulfan, deltamethrin and profenophos on soil microbial respiration and enzymes activities

Naré Rayim-Wendé Alice (Institut de l'Environnement et de Recherches Agricoles, Burkina Faso)

P-2 The economics of mineral resources in DR Congo

John Ngoy Kalenga (Hokkaido University, Japan and DR Congo)

P-3 Bio-monitoring of multi-mycotoxin exposure in human urine samples from Cameroon using a multi-biomarker approach

Wilfred Angie Abia (University of Yaounde I, Cameroon)

P-4 Heavy metal residues in canned fishes

Ahmed Elsayed Tharwat Mohammed (Zagazig University, Egypt)

P-5 Distribution of metals in organs of *Clarias gariepinus*, *Heterobranchus bidorsalis* and *Chrysichthys nigrodigitatus* from River Offin at Dunkwa-on-Offin, Ghana

Jemima T. Marfo (University of Science and Technology, Kumasi, Ghana)

P-6 Concentrations and sources of Polycyclic Aromatic Hydrocarbons (PAHs) in the air from KNUST campus and Kejetia lorry station, Kumasi-Ghana

Nesta Bortey-Sam (Kwame Nkrumah University of Science and Technology, Ghana)

P-7 Distribution of total-mercury in different tissues of fish eating birds from the Volta Lake, Ghana

Edward Kwaansa-Ansah (Kwame Nkrumah University of Science and Technology, Ghana)

P-8 Cation (Cu^{2+} , Pb^{2+} and Cd^{2+}) binding to humic acids: study of the effects of pH, ionic strength and origin

Elvis Baidoo (Kwame Nkrumah University of Science and Technology, Ghana)

P-9 Forensic case of lead poisoning by waste from a battery manufacturing company in Nakuru, Kenya,

James M. Mbaria (University of Nairobi, Kenya)

P-10 Spectroscopic determination of cobalt and copper in grass pastures in Kabete, Kenya.

Nguta J.M (University of Nairobi, Kenya)

P-11 Assessment of heavy metals pollution in water, sediments and tilapia fish (*Oreochromis niloticus*) from Winam Gulf, Lake Victoria

Veronica M. Muinde (University of Nairobi, Kenya)

P-12 Imposex expression in Periwinkle Snail *Tympanotonus fuscatus* var *radula* exposed to Tributyltin Oxide (TBTO)

Ezemonye L.I (University of Benin, Nigeria)

P-13 Ameliorative effect of aqueous extract of *Hibiscus sabdariffa* Linn on subchronic chlorpyrifos-induced alterations in sex and thyroid hormone concentrations in male Wistar rats

Shittu, M (Ahmadu Bello University, Nigeria)

P-14 Effects of lethal and sublethal concentrations of endosulfan on behaviour and energy reserves of the African Toad, *Bufo regularis*

Isioma Tongo (University of Benin, Nigeria)

P-15 Subacute chlorpyrifos-induced alterations in serum lipids and some oxidative biomarkers in male Wistar rats: Beneficial effect of Acetyl-L-carnitine.

Uchendu Chidiebere (Ahmadu Bello University, Nigeria)

P-16 Trends and source areas of persistent organic pollutants in air at three passive monitoring sites in South Africa

Lloyd Pisa (North-West University, South Africa)

P-17 *Lactuca* spp. seeds as a bioindicator for the toxicity of Gezira Tannery corporation wastewater

Ammar M. S. Abdalla (University of Dongola, Sudan)

P-18 Performance of concentrated and water-diluted insecticides and mixtures commonly used on cotton in Sudan Gezira

Hayder Abdelgader (Agricultural Research Corporation, Sudan)

P-19 Distribution and phytochemistry of toxic plants in Gezira, Sudan

Eisa O. Ali (University of Gezira, Sudan)

P-20 Levels and toxicological implications of organochlorine pesticides and metabolites in soil at some hotspots in Tanzania

John Marco Mahugija (University of Dar es Salaam, Tanzania)

P-21 Lead contaminated milk from cattle grazed in Kampala suburb; implication to public health

Vudriko Patrick (Makerere University, Uganda)

P-22 The future of water quality monitoring in Zimbabwe through sustainable biomonitoring and ecotoxicology

Mlambo SS (Chinhoyi University of Technology, Zimbabwe)

P-23 Heavy metal pollution in Japanese sea birds

Chihiro Ishii (Hokkaido University, Japan)

P-24 Characterization of xenobiotic metabolizing enzymes, especially Cytochrome P450 (CYP), in horse

Aki Hayami (Hokkaido University, Japan)

P-25 Characteristics of xenobiotic metabolism in birds: comparative metabolism of pyrene in chicken and rat

Minami Kawata (Hokkaido University, Japan)

P-26 Metabolism of pyrene, a polycyclic aromatic hydrocarbon in freshwater turtles

Balazs Oroszlany (Hokkaido University, Japan)

P-27 Tributyltin and its derivatives in water, sediment and periwinkle samples of Miller Creek Warri, Nigeria

Ogbomida T Emmanuel (University of Benin, Nigeria)

P-28 The possible sources of salmonella in the fresh beef sold in Kwatar and Amansea abattoir in Anambra state, Nigeria

Ezeugoigwe Nwachukwu N (Nnamdi Azikiwe University, Nigeria)

P-29 Genotoxicity of Ballast Water from Three Oceanic Vessels in Warri Harbour Using Allium cepa Test

Olorunfemi I Daniel (University of Benin, Nigeria)

P-30 A postmortem assessment of Fascioliasis and other intestinal parasites of cattle in Douala Abattoir, Littoral region (Cameroon)

Ndaleh Wozerou Nghonjuyi (University of Buea, Cameroon)

P-31 Metal contamination assessment of fluvial sediments from Pangani river basin, Tanzania

Harieth Hellar-Kihampa (University of Antwerp, Belgium and The Open University of Tanzania, Tanzania)

P-32 Lipid peroxidation and Glutathione-S-Transferase activity in Amphibians Exposed to Sub lethal Concentrations of Cadmium and Lead

Enuneku A.A. (University of Benin, Nigeria)

P-33 Characterization of Sorption of Endosulfan Isomers and Chlorpyrifos on Container Walls Using Mixed Solvent Systems

John Wasswa (Makerere University, Uganda)

Afternoon Oral Session (14:00-17:10)

14:00-14:25

O-5 Determination of multi-mycotoxin occurrence in feed and food samples in Cameroon by liquid chromatography tandem mass spectrometry (LC-MS/MS)

Paul F. Moundipa (University of Yaounde I, Cameroon)

14:25-14:50

O-6 Sensorimotor and cognitive deficits induced by subacute chlorpyrifos exposure in Wistar rats-reparation by methanol extract of *Phyllanthus niruri*

Ambali S.F. (University of Ilorin and Ahmadu Bello University, Nigeria)

14:50-15:15

O-7 Hepatic bioaccumulation and histopathological responses of *Hoplobatrachus occipitalis* and *Bufo maculatus* exposed to sub lethal concentrations of cadmium and lead

Ezemonye L.I (University of Benin, Nigeria)

15:15-15:30 Coffee / Tea Break

15:30-15:55

O-8 Frogs and acid rain – is there a threat in the Kruger National Park?

Wynand Vlok (BioAssets, South Africa)

15:55-16:20

O-9 Cross-talks between heavy metals and xenobiotics metabolizing enzymes

Wageh Sobhy Darwish (Zagazig University, Egypt and Hokkaido University, Japan)

16:20-16:45

O-10 Evaluation of water from Bokro Stream for irrigation and its effect on soil

Osei Akoto (Kwame Nkrumah University of Science and Technology, Ghana)

16:45-17:10

O-11 Metal contaminated soil from mining area caused metal accumulation and biological responses in rats – from field and laboratory studies –

Shouta M.M. Nakayama (Hokkaido University, Japan)

--Announcement--

17:10-17:25

Introduction of Hokkaido University Office in Africa

Dr. Masahiro Okumura (Graduate School of Veterinary Medicine, Hokkaido University, Japan,
Director of Hokkaido University, Lusaka Office)

--Closing--

17:25-17:30

Closing Remarks

Dr. Shigeo Ito (Dean of Graduate School of Veterinary Medicine, Hokkaido University, Japan)

--Observers--

Dr. Francis Mulenga (Ministry of Agriculture and Livestock, Zambia)

Mr. Hideshi Shinkai (Graduate School of Veterinary Medicine, Hokkaido University, Japan)