

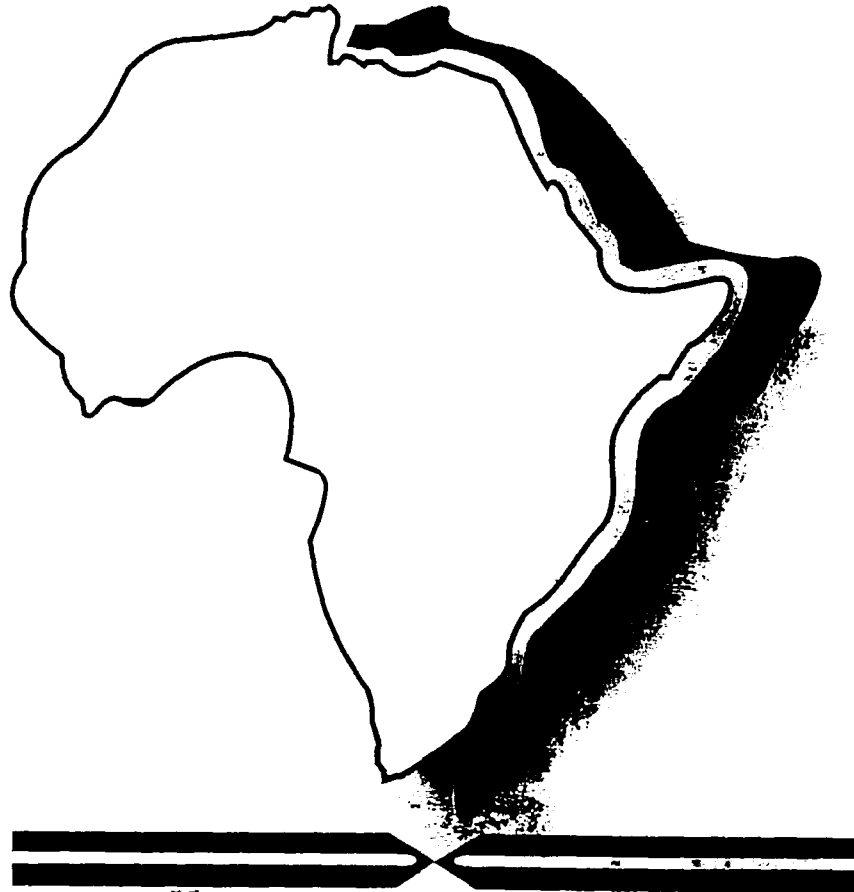
6th Hollaender Course

March 1-5 1999

Harare, Zimbabwe, Africa

PAEMS '99

PAN-AFRICAN ENVIRONMENTAL MUTAGEN SOCIETY



THIRD INTERNATIONAL CONFERENCE ON

**"SUSCEPTIBILITY TO
ENVIRONMENTAL MUTAGENS:
MOLECULAR, EPIDEMIOLOGICAL AND
PUBLIC HEALTH ASPECTS"**

1 - 5 MARCH 1999
HARARE, ZIMBABWE, AFRICA

SECOND ANNOUNCEMENT

MONDAY 1 MARCH 1999

08h00- 08h30 Registration.

Identification Of Environmental Hazardous Agents

08h30-09h30 Dr David De Marini : *"Uses Of The Salmonella Mutagenicity Assay"*.

09h30-09h40 Discussion.

09h40-10h10 Refreshments.

Strategies For Conducting Population Monitoring Studies

10h10-11h10 Dr Fred Kadlubar : *"Strategies For Conducting Population Monitoring Studies"*.

11h10-11h20 Discussion.

Biomarkers For Exposure

11h20-12h20 Prof Peter Farmer : *"Biomarkers For Exposure"*.

12h20-12h30 Discussion.

12h30-14h00 Lunch.

Biomarkers Of Effects In Human Population Studies

14h00-15h00 Dr David Eastmond : *"Biomarkers Of Effects In Human Population Studies"*.

15h00-15h10 Discussion.

15h10-15h40 Refreshments.

Strategies For Data Evaluation And For Publications

15h40-16h40 Dr Errol Zeiger : *"Strategies For Data Evaluation And For Publications"*.

16h40-16h50 Discussion.

16h50-17h00 Closing Remarks.

MONDAY 1 MARCH 1999

- 08h00-08h30 Registration For Workshop.
- 08h30-16h20 Hollaender Workshop On "*Research Design For Genetic Toxicology Studies*".
(Includes Morning And Afternoon Refreshments And Lunch.)
- 15h00 Registration For Conference.
- 17h30-20h00 Opening Ceremony And Welcome Reception.
Guest of Honour : Dr The Hon Timothy Stamps, Minister of Health and Child Welfare
Government of Zimbabwe.

07h30-08h30 Registration For Conference.

SYMPOSIUM 1: MARKERS OF EXPOSURE AND SUSCEPTIBILITY

(Chairpersons: Prof Julia Hasler And Prof Okezie Aruoma)

08h30-08h45 Introduction.

08h45-09h30 Keynote Address : Dr Fred F Kadlubar (Arkansas, U.S.A.) :
"Application Of Molecular Markers In Epidemiology".

09h30-10h00 Plenary 1 : Prof Peter Farmer (MRC Toxicology Unit, U.K.) :
"Protein Adducts As Markers Of Exposure To Genotoxic Compounds".

10h00-10h30 Refreshments.

110h30-11h00 Plenary 2 : Prof Bo Lambert (Karolinska Institute, Huddinge, Sweden) :
"HPRT Mutation As Markers Of Exposure And Susceptibility To Environmental Mutagens".

11h00-11h15 O.1.1 : Dr David De Marini :
"Mutation Spectra Of Complex Mixtures".

11h15-11h30 O.1.2 : Dr Andreas Kappas :
"Micronuclei Identification In Human Lymphocytes Exposed To Organic Solvents".

11h30-11h45 O.1.3 : Dr Yogeshkumar Naik :
"Pesticide Induced Alterations In Xenobiotic Metabolising Enzymes Of The Aquatic Snail Bulinus Tropicus".

11h45-12h00 O.1.4 : Dr Volker Mersch-Sundermann : *Univ. of Heidelberg, Germany*
"The Computer Automated Structure Evaluation (CASE), MULTICASE And META : Computer Models For The Evaluation Of Adverse Effects Of Chemical Compounds And Metabolites".

12h00-13h30 Lunch

Attended Poster Sessions : P.1.1 to P.2.9.

SYMPOSIUM 2 : MECHANISMS OF MUTAGENESIS AND CARCINOGENESIS

(Chairpersons : Prof M Iqbal Parker And Dr Philippe Nikiema)

13h30-14h00 Plenary 3 : Dr Ray W Tennant (NIEHS, North Carolina, U.S.A.) :
"Transgenic Models For Mutagenesis And Carcinogenesis".

14h00-14h30 Plenary 4 : Dr Collen Masimirembwa (Sweden/Zimbabwe) :
"Utility Of Recombinant Human Cytochrome P450s In Chemical Carcinogenesis Research".

14h30-14h45 O.2.1 : Dr Elizabeth Mambo :
"Defective Nucleotide Excision Repair In Breast Cancer Cell Lines".

14h45-15h00 O.2.2 : Prof Marcela A Rizzotto :
"Interaction Of Sugars Constituent Of Nucleic Acids With Carcinogenic Cr(VI) Compounds".

15h00-15h15 O.2.3 : Prof Barry Noller :
"Bracken Carcinogenesis".

15h15-15h45 Refreshments.

15h45-16h15 Plenary 5 : Prof Hiroshi Kasai (University Of Occupational And Environmental Health, Japan) :
"Overview Of Genotoxic Effects Of Reactive Oxygen Species".

16h15-16h45 Plenary 6 : Prof Okezie Aruoma (Sao Paulo, Brazil) :
"Free Radicals, Plant Food-Derived Antioxidants And The Environment".

16h45-17h00 O.2.4 : Dr Kensesse S A Mossanda :
"Antioxidant Enzymes Effects On Mutagenic Species".

17h00-17h15 O.2.5 : Mr Tapiwanashe Magwere :
"Levels Of Oxidative Damage To DNA And Lipids In Chloroquine And Primaquine-Treated Rat Livers".

Evening Free.

SYMPOSIUM 3 : NATURALLY OCCURRING MUTAGENS AND CARCINOGENS INCLUDING INFECTIOUS MICRO ORGANISMS

- (Chairpersons: Dr Collen Masimirembwa And Prof Emmanuel E Obaseiki-Ebor)
- 08h30-09h00 Plenary 7 : Dr Nubia Munoz (IARC, France) :
"Overview Of Viral And Other Biological Agents In Carcinogenesis".
- 09h00-09h30 Plenary 8 : Prof Walter F O Marasas (MRC, South Africa) :
"Risk Assessment Of Fumonisin In Maize".
- 09h30-09h45 0.3.1 : Prof Oubaas Pretorius :
"Yeast As A Model System For Studying The Action Of Fumonisin B1".
- 09h45-10h00 0.3.2 : Prof H S Nyandieka :
"Aflatoxin B1 Content Of Food And The Frequency Of Liver Cancer In Kenya".
- 10h00-10h30 Refreshments.
- 10h30-11h00 Plenary 9 : Prof M Iqbal Parker (Cape Town, South Africa):
"Oesophageal Cancer Research : Demography To DNA".
- 11h00-11h30 Plenary 10 : Dr Philippe Nikiema (Ouagadougou, Burkina Faso) :
"Exposure To Mycotoxins, And Hepatitis B And C Viruses In The Etiology Of Liver Cancer In Burkina Faso".
- 11h30-11h45 0.3.3 : Mr Andrew H Siwela :
"Status Of Aflatoxin Research In Zimbabwe Since 1962".
- 11h45-12h00 0.3.4 : Dr Hester F Vismer :
"Growth And Aflatoxin Production Of Aflatoxigenic Strains Of Aspergillus Flavus On Areca Nut".
- 12h00-12h15 0.3.5 : Mr Ngoko Zachee :
"Biological And Physical Constraints On Maize Grain Quality In The Humid Forest And Highlands Of Cameroon".
- 12h15-14h00 Lunch
 Attended Poster Sessions - P.3.1 to P.3.6.
- 14h00-14h15 0.4.1 : Dr Kirsten Hell :
"Strategy To Reduce Human Exposure To Aflatoxin In West Africa".
- 14h15-14h30 0.4.2 : Dr Appolinaire Tagne :
"Natural Control Of Fungi And Mycotoxin In Grains - A Means To Reduce Human And Animal Cancer".

SYMPOSIUM 4 : PUBLIC HEALTH IMPLICATIONS OF EXPOSURE

- (Chairpersons: Prof Charles Nhachi And Prof Mohamed A Al-Khafif)
- 14h30-15h00 Plenary 11 : Dr Stefano Bonassi (Institute Of Cancer Research, Genoa, Italy) :
"Genotoxic Effects Of Pesticides".
- 15h00-15h30 Plenary 12 : Prof Herman Autrup (University Of Aarhus, Denmark) :
"Ambient Air Pollution And Adverse Health Effects".
- 15h30-16h00 Refreshments.
- 19h00 African Spectacular At Chapungu Village - Ticketed Event.

SYMPOSIUM 4 : PUBLIC HEALTH IMPLICATIONS OF EXPOSURE

(Chairpersons: Prof Walter F O Marasas And Prof Ahmed J Ngomuo)

- 09h00-09h30 Plenary 13 : Prof Wagida Anwar, (Cairo, Egypt) :
"Assessment Of Cytogenetic Changes And Genetic Susceptibility In Human Populations At Risk".
- 09h30-09h45 0.4.3 : Dr Soheir Saad Korraa :
"Effect Of Tocopherol Administration On The Frequency Of Chromosomal Aberrations Among Asbestos Exposed Workers".
- 09h45-10h00 0.4.4 : Dr Magdy Ahmed Ghoneim :
"Tumor Markers, Hormonal, Biochemical And Histopathological Changes In Albino Rats Exposed To Chronic Toxicity With Cyfluthrin".
- 10h00-10h45 Refreshments.
- 10h45-11h15 Plenary 14 : Dr Jerry Rice (IARC, France) :
"Overview Of Helicobacter Infections In Humans And Animals In Relation To Carcinogenesis In Different Tissues".
- 11h15-11h45 Plenary 15 : Dr Sharon Whelan (IARC, France) :
"Overview Of The Prevalence Of Cancers In Africa".
- 11h45-12h00 0.4.5 : Dr Fekadu Kassie :
"First Evidence For Induction Of Genotoxic Effects By Khat (Khat Edulis) Consumption In Humans".
- 12h00-14h00 Lunch.
 Attended Poster Sessions - P.4.1 to P.5.2.

SYMPOSIUM 5 : STRATEGIES FOR DISEASE PREVENTION - RECENT ADVANCES AND FUTURE OPTIONS

(Chairpersons: Prof Wagida Anwar And Prof Clever Nyathi)

- 14h00-14h30 Plenary 16 : Dr Jerry Rice (IARC, France) :
"Prevention Strategies : Avenues For The Future".
- 14h30-15h00 Plenary 17 : Prof Hiyoka Hayatsu (Okayama University, Japan) :
"Chemoprevention : Search For Dietary Antimutagens".
- 15h00-15h15 0.5.1 : Dr Mairam Gulumian :
"Therapeutic Intervention Strategy For Heavy Metal Poisoning : Testing The Efficacy Of Newly Synthesised Chelating Agents As Antidotes For Cadmium Poisoning".
- 15h15-15h30 0.5.2 : Dr Maman M Malam Alma :
"Elimination Of Phenol And Chlorophenols In Slow Filtration On Sand And On Polysten".
- 15h30-16h00 Refreshments.
- 16h00-16h30 Plenary 18 : Dr Greg D Kirk (Banjul, The Gambia) :
"Liver Cancer Prevention Programmes : Experience From The Gambia Hepatitis Intervention Study".
- 16h30-17h00 Plenary 19 : Dr Christopher Schonwalder (NIEHS, U.S.A.) :
"Developing Scientific Partnerships To Solve Complex Environmental Problems".
- 20h00 Banquet - Ticketed Event.

09h00-11h00 Round Table Discussion Session For Representatives From Different Parts Of The World (Representatives Of The Various Environmental Mutagen Societies, IARC, NIEHS, EPA And Other Scientists Interested In A Global Approach To Research). The Aim Is To Stimulate Regional And International Collaborations And To Encourage African Involvement In Global Projects.

11h00- 11h30 Refreshments.

11h30-12h00 Summary And Closing Of Conference.

12h00-13h30 Lunch.

14h30 PAEMS General Meeting And Election Of New Executive.

15h30 Refreshments.

Evening Free.