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
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.
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.
TUESDAY 2 MARCH 1999

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.

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

11h30-11h55 0.1.1 : Dr David De Marini :
"Mutation Spectra Of Complex Mixtures".

11h55-12h00 0.1.2 : Dr Andreas Kappas :
"Micronuclei Identification In Human Lymphocytes Exposed To Organic Solvents".

12h00-13h30 Lunch

Attended Poster Sessions : P1.1 to P2.9.

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 0.2.1 : Dr Elizabeth Mambo :
"Defective Nucleotide Excision Repair In Breast Cancer Cell Lines".

14h45-15h00 0.2.2 : Prof Marcela A Rizzotto :
"Interaction Of Sugars Constituent Of Nucleic Acids With Carcinogenic Cr(VI) Compounds".

15h00-15h15 0.2.3 : 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 0.2.4 : Dr Kensee S A Mossanda :
"Antioxidant Enzymes Effects On Mutagenic Species".

17h00-17h15 0.2.5 : Mr Tapiwanashe Magwere :
"Levels Of Oxidative Damage To DNA And Lipids In Chloroquine And Primaquine-Treated Rat Livers".

Evening Free.

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

(Chairpersons: Dr Collen Masimirembwa And Prof Emmanuel E Obaseki-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 Fumonisins 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 - P3.1 to P3.6.

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-Khatif)

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.
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.