

PROGRAM

Thursday 24 November 2005

PAEMS 2005

- 8.30-9.00** Registration
9.00-10.00 Opening Ceremony
T Ouazzani Chahdi, University President
M Douiri, President du Conseil Regional
A Iraqi, FSDM Dean
DM De Marini, President EMS, USA
W Anwar, PAEMS President
FZ Squali, PAEMS President-Elect

Conferences

- 10.00-10.30** Mutagenicity and Mutation Spectra of Air and Water
DM De Marini
President EMS, USA
- 10.30-11.00** Environment & Bioethique
N Guessous
Vice president of International Comity
de Bioethique de l'UNESCO

Welcome Cocktail

Oral session 1

Environment and Health

Chairpersons: Y Boutaleb Morocco
Prof. W. AU, USA
Prof. M El Khafif, Egypt

Plenary Conferences

- 11.30-12.00** Environmental mutagens, health and development (About the case of Morocco)
Ahmed Iraqi, Morocco

Oral presentations

- 12.00- 12.20** A continent in confusion: Africa's Environmental Health Problems as related to Pollution and Waste Management
J.O. Okonkwo, South Africa
- 12.20- 12.40** Exacerbation of Bronchial Asthma by Air Pollutants / Allergens in South Africa
KSA Mossanda, South Africa

12.40-13.00 Smoking and Cancer
EA El Ghazi, Morocco

Discussion

Lunch

Posters Session

Presentation of all the Posters

Oral Session 2

Biomarkers Indicatory of environmental Pathology

Chairpersons: A Iraqi, Morocco

Prof. R. Baral, Italy

Prof. A Abou-Enein, Egypt

Plenary Conferences

14.30-15.00 Functional Characterization of Polymorphic DNA Repair Genes, Chromosome Aberrations and Lung Cancer

W.W. Au, USA

Oral presentations

15.00-15.20 Individual Susceptibility to Vernal Keratoconjunctivitis and Ameliorative Effects of Antioxidants on its Symptoms.

S. Korraa, Egypt

15.20-15.40 Study the role of saliva in assessing hepatic enzymes for surveillance of workers exposed to pesticides

M.A. El-Khafif, Egypt

15.40- 16.00 Micronucleus assay in Human Exfoliated buccal Mucosa Cells: Role and Perspectives in Human Biomonitoring Studies

C. Bolognesi, Italy

16.00-16-20 Apoptosis and Markers of Oxidative Stress during Phototherapy of Neonatal Hyperbilirubinemia

I.A. Abdel-Meguid, Egypt

Discussions

Coffee break: Poster Presentations

Oral Session 3

Gene-Environment Interaction and Genetic Susceptibility

**Chairpersons: H Vismer, SA
Prof. M Benlemlih, Morocco
Prof. KSA Mossanda, SA**

Plenary Conferences

17.00-17.30 Gene-Environment Interaction
A. Wagida, Egypt

17.30-18.00 Genotoxicity of an effective anti-cancer drug on murine erythroleukemia (GM-86) and human cervical carcinoma (HeLa) cells
S.K. Majumdar, USA

Oral presentations

18.00-18.20 Viral, Genetics and environmental risk for hepatocellular carcinoma in Egypt
M. Abdel-Hamid, Egypt

18.20-18.40 Effects of Antioxidant Mixture on Cancer Cervix Patients Undergoing Post-operative Radiotherapy
S. Korraa, Egypt

18.40-19.00 Potential Fumonisin B1-Producers, Subsistence Crops and Immunocompromised Individuals
A.M. Van der Walt, South Africa

Discussion

Friday 25 November 2005
PAEMS 2005

Oral Session 4

Risk Assessment and Prevention of environment Hazards

Chairpersons: D DeMarini, USA
Prof. JO Okonkwo, SA
Prof. M Chaoui El Faiz, Morocco

Plenary Conference

9.00-9.40 New Tools For structure-Activity Relationships Studies
R. Benigni, Italy

Oral Presentations

9.40-10.00 Aflatoxin Exposure in Developing Countries and Probable Nutritional and Epidemiological Consequences
J. Williams, USA

10.00-10.20 Aflatoxin Carryover During Large Scale Peanut Butter Production
A. H. Siwela, Zimbabwe

10.20- 10.40 Survey of the Contamination of Some Moroccan Agricultural Products by Aflatoxin B1 : A Carcinogenic Mycotoxin
A. Zinedine, Morocco

10.40-11.0 Bacterial Mutagenic Activity of Promethazine
J. Akerele, Nigeria

Discussion

Coffee break: Poster Presentations

11.20-11.40 Lubricating Oil-Degrading Bacteria in Soil From Filling Stations and Automechanic Workshops in Buea, Cameroon: Occurrence and Characteristics of Isolates
R.N. Ndip, Cameroon

11.40-12.00 A Biotechnological Process Recycling wastes by Controls Fermentation, Environment and Development Impacts
M. H. El Jalil, Morocco

12.00-12.20 Mutagenicity Bioassay-directed fractionation of plant crude extract with antiretroviral activity.
R. Baral, Italy

12.20-12.40 Effect of *BT* Maize Hybrids on Insect Damage, *Fusarium* Incidence and Fumonisin Levels in South Africa
H Vismer, South Africa

Discussion

Friday Afternoon Social Program

I- Visit to the inside walls of the Medina:

- Bab Boujloud
- Madrasa Bouaânania
- Nejarrine
- Dar Edbagh

II- Visit to the Al Quaraouine's Library:

Historical presentation of the oldest University in the world.

Pr A Laghzioui, Morocco

III- Tour of the exterior side of the Medina

III- Dinner de Gala (Official Reception)

IV- Sunday 27 November 2005: A social program will be organized for interested persons to visit the thermal Spa of Moulay Yacoub.

Saturday 26 November 2005
PAEMS 2005

Oral Session 5

Pharmaceuticals and Prevention

Chairpersons: N Guessous, Morocco
Prof. A El Hajjouji, Switzerland
Prof. M Moutawakil, Morocco

Plenary conference

09.00-09.30 Pharmacogenetic in Africa
R. Baral, Italy

Oral Presentations

09.30-09.50 Chemopreventive Activities of Kolaviron- A natural Antioxidant from Gracina Kola Seed
E. Olatunde Farombi, Nigeria

09.50-10.10 Protective Effect of Curcumin and Chlorophyllin against DNA Mutation Induced by Cyclophosphamide or Benzo (a) pyrene
M.A. Ghoneim, Egypt

Discussion

Coffee break

10.30-10.50 Antimutagenic potential of Bryohyllum pinnatum S.Kurz (Crassulaceae) leaf juce
E. E. Obaseiki-Ebor, Nigeria

10.50-11.10 Anti-mutagenic effect of Hapragophytum Procumbens and Hypoxis Rooperi on Salmonella Typhimerium strains
S. Mkhonto, South Africa

11.10-11.30 Molecular Changes on Cancer Cells as affected by willow Extracts
A. M. Aboul-Enein, Egypt

11.30-11.50 Hepatocellular carcinoma caused by iron overload: a possible mechanism of direct hepatocarcinogenicity
G. Asare, South Africa

Discussion

Oral Session 6

Prospects in Africa

Chairpersons: W Anwar, Egypt

Prof. H Vismer, SA

Prof. A Ibrahimi, Morocco

Oral presentations

14.30-14.50 Spotlights On Nutritional Pathology

M Hassan Nassr El Din, Egypt

14.50-15.10 Changing African diet beverage in Areas with high risk of digestive and liver cancers

KSA Mossanda, South Africa

15.10-15.30 Environment and Growth : Impact de l'environnement urbain ou rural sur la croissance des enfants scolaires dans la province de Kenitra au Nord Ouest du Maroc

Y. Aboussaleh, Morocco

15.30-15.50 Impacts Nutritional of a diet enriched with green plants in Malnutrition

Fatima-Zahra Squali, Morocco

15.50-16.10 Global Alliance for Improved Nutrition GAIN

M Mahfoudi, Morocco

Discussion

Coffee break

Confrences

17.00-17.30 Initiative for the Development of indigenous food-palnts of Africa (IDIFA) – A focus on traditional food system of Africa

R Van Der Walt, South Africa

17.30-18.00 Scientific Integration, Biotechnology and Competency Transfer: Future Prospects in Africa

OI Aruoma, United Kingdom

Discussion

Closing Ceremony

27 Novembre 2005

PAEMS 2005

Alexander Hollaender Courses
Genetic Toxicology Training Course

Morning Session (Starting at 09.00)

The Salmonella (Ames) Mutagenicity Assay

David DeMarini, Environmental Protection Agency, USA

Genetic Susceptibility to Environmental Cancer and Molecular Intervention of Cervical
Cancer

William W. Au, University of Texas, USA

Afternoon Session (Starting at 14.30)

The Micronucleus Test and the Comet Assay: Multi-Purpose Genetic Toxicology Tools

Azzedine El Hajouji, Novartis Pharma AG, Switzerland