

Conference Agenda

International Conference on Risk Assessment of Environmental Genotoxicants

First Day: 21 December 2019
Venue: Ramses Hilton Hotel, Cairo, Egypt

8:30-9:30: Registration

9:30-10:15: Opening Ceremony:

- **Prof. Wagida Anwar**, President PAEMS
- **Prof. Mahmoud Amr**, Chairman of the NCT
- **Prof. Paul White**, Chair of Alexander Hollaender Committee, US EMGS
- **Dr. John Jabbour**, WHO representatives, Egypt
- **Maj. Gen. Prof. Amr Hegab**, Director of Armed Forces College of Medicine (AFCM), Egypt
- **Prof. Dr. Mahmoud M. Sakr**, President of ASRT, Egypt
- **H.E. Prof. Khaled Abd El-Ghaffar**, Minister of Higher Education and Scientific Research

10:15 - 10:45: Break and Poster Session

10:45 – 13:15: Scientific Session (1): Genotoxic Hazards of Environmental Contaminants
Chair: **Mahmoud Amr and Paul White**

10:45-11:15: Keynote speaker: **Prof Paul White**, Health Canada, Ottawa, Canada “Quantitative Analysis of Genetic Toxicity Dose- Response Data for Regulatory Risk Assessment and Decision Making”

- **11:15-11:40: Abdelrazak Kadry**, Environmental Protection Agency, Washington DC, USA “Understanding and Application of Risk Assessments in Environmental Challenges”
- **11:40-12:05: Ahmed A. ElSayed**, UTMB, Galveston Texas: “The Molecular Mechanisms of Genetic and Epigenetic Toxicology of Environmental Pollutants”.
- **12:05-12:30: Mahmoud M. Amr**, Chairman of the National Committee of Toxicology: “The Status of Environmental Genotoxicants in Africa from Egyptian Perspective”.
- **12:30-12:55 Lamia Tallaa**, International Agency for Research on Cancer, Lyon, France. Genotoxicity Assessment for Identification of Human Carcinogens
- **12:55-13:15: Wagida Anwar**, President PAEMS: “Environmental Carcinogens in Africa”.

13:15- 14:30 Lunch Break and Poster session

14:30-15:30: Scientific Session (2): Biobanks and Molecular Epidemiology Cancer Research

Chair: **Wagida Anwar and Ahmed A. El Sayed**

14:30- 15:00 Keynote speaker: **Zisis Kozlakidis**, Director of Biobank, International Agency for Research on Cancer, Lyon, France: “Role of Biobanks in Molecular Epidemiology Cancer Research in Africa”.

15:00-15:30: Panel Discussion: Ethics and Regulations of Biobanks:

Dina Shokry: Legal and Ethical Issues of Biobanks

Wafaa Abdel Aal: Public Trust of Biobanks in Egypt and African Countries

15:30- 16:30: Scientific Session (3): Oral Presentations

Chair: **Osama El Tawil and Dina Shokry**

15:30-15:55: Mohamed B Abou-Donia, Ph.D. Professor, Department of Pharmacology and Cancer Biology, Duke University Medical Center, Durham, North Carolina, USA: Risk Assessment Using Neural and Glial Protein

15:55-16:40: Mostafa El Nakib, Mohamed Tariq, Mahmoud Abdelgawad, Ziad Nagy, Fady Abdulsattar, Ahmad Galal, Hana Abdelzaher, Armed Forces College of Medicine: A Modular TanCAR T-Cell Framework Targeting Bladder Cancer: An In Vitro Study,

16:15-16:30: Mai A. Samak, Department of Histology and Cell Biology, Faculty of Medicine, Zagazig University, Egypt. Outcomes of Gallic Acid on Alternariol Induced Cyto-morphic and Genotoxic In vivo Changes in Parotid Gland: 4-HNE Incorporated,

16:30-17:00: Closing Session

Chair: **Mahmoud Amr and Wagida Anwar**
Conclusion and Recommendations

Second Day: 22 December 2019

**24th Alexander Hollaender International Course
Genetic Toxicology of Environmental Pollutants:**

Novel Approaches for Hazard Assessment, Risk Assessment and Risk Management

Venue: Conference Hall, Academy of Scientific Research and Technology (ASRT),

101 Kasr El Aini Street, Cairo, Egypt

9:00-9:30: Registration

9:30-11:30: Scientific Session (1): Introduction to Genetic Toxicology: Basic Concepts and Core Assays for Genotoxicity Assessment

Chair: **Paul White and Wagida Anwar**

- **9:30-10:00:** Paul White, Health Canada, Ottawa, Ontario, Canada
- **10:00-10:30:** Leon Stankowski, Charles River Laboratories, Skokie, Illinois, USA
- **10:30-10:50:** Wagida Anwar, Egypt
- **10:50-11:30:** Discussion

11:30 - 12:00: Break

12:00- 13:00: Scientific Session (2): Novel Approaches for Assessment of Genetic Toxicity: High-throughput Tests for DNA Damage and Mutation

Chair: **Michael Korenjak and Osama El Tawil**

- **12:00-12:20:** Steve Dertinger, Litron Laboratories, Rochester, New York USA
- **12:20- 12:40:** Kristie Witt, US National Toxicology Program, NIEHS, Research Triangle Park, North Carolina, USA
- **12:40-13:00:** Discussion

13:00- 14:00: Scientific Session (3): Biomonitoring for Exposure Assessment, Molecular Epidemiology and Public Health

Chair: **Zisis Kozlakidis and Abdelrazak Kadry**

- **13:00- 13:20:** Zisis Kozlakidis, International Agency for Research on Cancer, Lyon, France
- **13:20 – 13:40:** Michael Korenjak, International Agency for Research on Cancer, Lyon, France
- **13:40- 14:00:** Discussion

14:50 – 15.30: Lunch Break

15:30 – 17:00: Scientific Session (4): Environmental Mutagens in Soil, Water, and Air: Assessment Strategies, Data Interpretation and Regulatory Decision-making

Chair: Deborah Roubicek and Mostafa El Nakib

- **15:30-16:00:** Deborah Roubicek, Environmental Agency of the State of Sao Paulo (CETESB), Sao Paulo, Brazil.

- **16:00 – 16:20:** Gisela Umbuziero, State University of Campinas, Limeira, Brazil

- **16:20- 17:00:** Discussion

Third Day: 23 December 2019

**24th Alexander Hollaender International Course
Genetic Toxicology of Environmental Pollutants:
Novel Approaches for Hazard Assessment, Risk Assessment and
Risk Management**

Venue: Conference Hall, Academy of Scientific Research and Technology (ASRT), 101 Kasr El Aini Street, Cairo, Egypt

9:30- 11:30: Scientific Session (5): Genotoxicity Assessment for Identification of Human Carcinogens, Risk Assessment and Risk Management

- **Abdelrazak Kadry**, US Environmental Protection Agency, Washington DC, USA

- **Lamia Tallaa**, International Agency for Research on Cancer, Lyon, France

- **Paul White**, Health Canada, Ottawa, Ontario, Canada

11:30 - 12:00: Break

12:00 - 13:30: Scientific Session (6): Panel Discussion: Molecular Epidemiology and Importance of Biobanks (Ethics and applications): Moderated by Zisis Kozlakidis, International Agency for Research on Cancer, Lyon, France. Panellists: Wagida Anwar, Azza Saleh, Hany Selim, Sameera Ezzat, Rania Labib , Amany Maher

13:30 - 14:00: Lunch Break

14:00 – 16:00: Practical: Protocols and Quality Assurance (Guidelines of WHO, EPA, Canada....)

16:00-16:30: General Discussion

16:30-17:00: Recommendations and Closing