

International Conference on Cancer Risk Assessment (ICCRA)

Mathematical, Statistical and Computational Methods

August 22-24, 2003
Athens, Greece

Department of Mathematics, Technological Educational Institute of Athens, Greece

An **International Conference on Cancer Risk Assessment (ICCRA)** is organized in Athens (Greece). The aim of this conference is to provide a forum for the discussion and exchange of ideas, new concepts and recent methods in cancer risk assessment. Stimulation of research on the interface between molecular biological research and mathematical modeling of the carcinogenic process and an improved transfer of risk assessment methodology to the risk management process are further achievements to be expected from this meeting.

The ICCRA is cosponsored by the **Risk Assessment Committee** of the ISI and IASC (International Association of Statistical Computing) a section of the International Statistical Institute (ISI)

The ICCRA has been approved as a **Satellite Conference to the 53rd Session of the ISI** in Berlin (Germany). Participants of the ISI Session interested in statistics and biomathematical modeling for life are strongly encouraged to attend the conference which has been scheduled to allow one day for traveling from Berlin to Athens.

List of Topics

- **Biological Basis and Concepts Basis of Carcinogenesis and Carcinogenesis Modeling**
 - General Aspects
 - The Use of Biological Data in Cancer Risk Assessment
- **Modeling**
 - Cancer Risk Assessment and Modeling
 - Stochastic Carcinogenesis Models
 - Modeling for Cancer Screening Studies
 - Computer-Assisted Simulation Studies
- **Low-Dose Problems**
 - Dose-Response Modeling
 - Problems with Low-Dose Extrapolation
 - Problems with Interspecies Extrapolation
- **Statistical Inference and Case Studies**
 - Statistical Evaluation Methods
 - Bayesian Approach to Cancer Risk Assessment
 - Risk Analysis Software
- **Environmental Toxicity and Carcinogenesis**
 - Transport Models
 - PB-PK Models
 - Time-dependent Data Monitoring and Longitudinal Data Analysis
- **New Biological Data and Effects**
 - New Biological Data in Cancer Risk Assessment
 - Biochemical and Molecular Biomarkers in Cancer Risk Assessment and in Cancer Clinical Trials
- **Genomic, Proteomic and Metabolomic Data for Cancer Risk Assessment**
 - Design of Experiments for Micro-Array Data
 - Analysis of Gene-Expression Data

- **Regulatory Affairs**
Differences in Design and Evaluation of Carcinogenesis Bioassays
Cost Evaluation Studies for the Carcinogenesis Bioassay
- **Quality Assurance**
Quality standards, Good Risk Assessment Practice
Training and Advanced Education for Cancer Risk Assessment
Perception of Cancer Risk and Cancer Risk Reduction
- **Related Research**
Epidemiological Cancer Studies
Prognostic and Predictive Studies

The scientific program of the ICCRA will consist of invited and contributed papers and a poster session which are organized by an **International Organizing Committee (IOC)**. Conference language will be English.

The International Organizing Committee (IOC)

Lutz Edler (Chair, Germany),
Christos P. Kitsos (Co-Chair, Greece),
John C Bailer III (USA),
A John Bailer (USA),
Chao W Chen (USA),
Jim W Coglianò (USA),
Lech Chyczewski (Poland),
Ian Ford (UK), Bung S Kim (Korea),
Annette Kopp-Schneider (Germany),
Georg Luebeck (Seattle, USA),
Amaral Mendes (Portugal)
Stanislaw Mejza (Poland),
Eric Pluygers (Belgium),
Christopher Portier (USA),
Constantinos Sekeris (Greece),
Emanuela Testai (Italy),
Curtis Travis (USA),
Constantinos Vorgias (Greece),
Karen Watanabe (USA),
Werner Wosniok (Germany),
Andrej Yakovlev (USA),
Alfredo Giovanni Zapponi (Italy).

The Local Organizer

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