EUROTOX 2005, CRACOW, SEPTEMBER 11 – 14, 2005
SCIENTIFIC PROGRAM

SUNDAY, SEPTEMBER 11

10.00-17.00	Congress Registration
9.00 - 13.00	**Continuing Education Courses:** • Molecular nutrition – Course leader: **prof. Joseph Rafter** (Karolinska Institute, Sweden) • Molecular modelling – Course leader: **prof. Heidi Foth** (Medical University, Halle, Germany) • Nanoparticles toxicology - • High throughput assays in toxicological testing – Course Leader: **prof. Jaroslaw Dastych** (International Institute of Molecular and Cell Biology in Warsaw & Center of Medical Biology and Microbiology Polish Academy of Sciences, Poland) • Immunotoxicology – Course Leader: **prof. Emanuela Corsini** (Univ. Milan, Italy) Genetic toxicology – Course Leader: Prof. James Parry (Univ. Swansea, U.K)
17.00-18.00	Opening Ceremony – Keynote lecture – Prof. Jan Lubiński – Title will be defined later;
18.30-20.00	Welcome Reception

MONDAY, SEPTEMBER 12

<table>
<tr><td>9.00-10.00</td><td colspan="3">Plenary Session – S. Kyrtopoulos (Greece) – Biomarkers in environmental carcinogenesis research: striving for a new momentum;</td></tr>
<tr><td>10.00-10.30</td><td colspan="3">Coffee Break and Exhibition Viewing</td></tr>
<tr><td rowspan="2">10.30-13.00</td><td>S1</td><td>S2</td><td>W1</td></tr>
<tr><td>Dendritic Cell in Immunotoxicology

Chairs:

1. Dendritic cell biology: an overview – M. L. Kapsenberg (The Netherlands)
2. Interactions between dendritic cells and epithelial cells in allergic disease – E. Roggen (Denmark)
3. Roles of dendritic cells in the acquisition of allergic sensitisation – A. Cavani (Italy)
4. Use of dendiritic cells in the development of alternative approaches to allergen hazard identification – E. Corsini (Italy)
5. Dendritic cells as targets for immunosuppression – N. I. Kerkvliet (USA)</td><td>Cardiovascular Toxicity - Clinical and Molecular Aspects

Chair:

1. In vitro modelling of the structure-activity determinants of anthracycline cardiotoxicity – G. Minotti (Italy)
2. Preclinical assessment of anthracyclines cardiotoxicity in laboratory animals: predictiveness and pitfalls - J. Robert (France)
3. In-vitro/in-vivo correlations: preclinical vs clinical issues in the evaluation of cardiovascular liabilities – L. Hanson (USA)
4. Assessment of QT liability in drug development. regulatory status and current practices – C. Arrigoni (Italy)
5. Flavonoids as protectors against anthracycline cardiotoxicity – A. Bast (The Netherlands)</td><td>Nuclear Receptor Responses in Food Safety Assessment
In collaboration with CASCADE NoE and Nutriceptors

Chair:

1. Reporter animals: novel powerful tools to monitor environmental and food contaminants – A. Maggi (Italy)
2. Risk characterization of dioxins – L. Birnbaum (USA)
3. Transgenic Xenopus as a small model organism for detecting nuclear receptor disruption – B. Demeneix (France)
4. Recombinant cells and reporter mice to assess signaling through the androgen receptor – O. S. Janne (Finland)
5. Nuclear receptors and teratogenesis - H. Nau (Germany)</td></tr>
<tr><td>13.00-14.00</td><td colspan="3">Lunch and Exhibition Viewing</td></tr>
<tr><td>14.00-15.00</td><td>Poster Viewing</td><td colspan="2">EUROTOX - SOT Debate: Nanoparticles are a major threat to human health
Chair:
Pro (EUROTOX) prof. A. Seaton (UK)
Con (SOT) prof. J.V. Rodricks (USA)</td></tr>
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	S3	W2	W3
15.00-17.30	**Low dose extrapolation in carcinogenesis** *In collaboration with Bo Holmstedt Memorial Foudation* **Chairs:** 1. Hypothesis testing and choice of a dose-response model – **D. Oughton** (Norway) 2. Dose-response in chemical carcinogenesis: outstanding examples **– H. M. Bolt** (Germany) 3. Cancer risk in the population of x-ray workers in Poland **- D. Kluszczyński, J. Jankowski** (Poland) 4. What contributes to the shape of a dose-cancer incidence curve? - **W. K. Lutz** (Germany) 5. Low dose non-linearities in experimental chemical hepatocarcinogenesis – **G. Williams** (USA)	**New Approaches to Toxicity Screening in Drug Development** **Chairs**: 1. Validation of the in vitro systems **– T. Hartung** (Italy) 2. Hepatic Cytochrome P450 Reductase Null Mouse HRN(tm) a tool to identify a successful candidate entity **– C. Henderson** (UK) 3. New *in vitro* system to predict embryotoxicity - **M. Longo** (Italy) 4. ***In vitro* approaches for immunotoxicity screening** – **J. Dastych** (Poland) 5. to be selected from Abstracts	**Molecular Mechanisms in Neurotoxicology** **Chair:** 1. Insights into neurotoxicity from genetic manipulation of experimental models **– P. Glynn** (UK) 2. Analyzing mechanisms of neurotoxicity using expression profiling **– M. Youdim** (Israel) 3. Integration of behavioural and molecular studies in evaluating neurotoxicity **A. Moretto** (Italy) 4. Molecular aspects of stress in neurotoxicological study. Contribution to toxic response – **M. Dyzma** (Poland) 5. to be selected from Abstracts
17.30-19.00	**Round Table Discussion – Better safety within REACH** **Chair:** 1. Simplification of the risk assessment process within REACH – what does it mean? – **J. Bridges** (UK) 2. The scientific basis for risk assessment – how far will REACH data suffice? – **Ch. Rudén** (Sweden) 3. The scientific basis for risk assessment – the role of alternative test methods - **T. Hartung** (Italy) 4. Risk assessment within REACH from the view of the industry-toxicologist **- M. Perenius** (Belgium) 5. Risk assessment within REACH from regulatory point of view – **J. Majka** (Poland)		

TUESDAY, SEPTEMBER 13

9.00-10.00	Bo Holmstedt Memorial – Lecture, speaker ..... **Chair**:		
10.00-10.30	Coffee Break and Exhibition Viewing		
10.30-13.00	S4	W4	W5
	Genetics and Individual Susceptibility *In collaboration with ECNIS NoE* **Chair:** 1. Single and multiple genes as determinants of individual susceptibility **– P. Vineis** (Italy) 2. Genetic basis of toxic reactions to drugs and chemicals - **I. Cascorbi** (Germany) 3. Ethical implications of genetic profiling for susceptibility – **K. Vahakangas** (Finland) 4. How will genetics affect the use of drugs in individual patients – **A.Hirvonen** (Finland) 5. to be selected from Abstracts	**Integrated Exposure and Risk Assessment of PAHs** **Chair :** 1. Mechanism-based approaches to improve cancer risk assessment of ambient air PAH – **J. van Delft** (The Netherlands) 2. The genotoxic effect of PAH mixtures on human cells in vitro and in vivo – evaluation of biomarker data and susceptibility factors for risk assessment – **R. Sram** (Czech Republik) 3. PAH induced apoptose **– J. Holme** (Norway) 4. to be selected from Abstracts 5. tol be selected from Abstracts	**Quantitative Risk Assessment for Contact Sensitizers - an Attainable Goal in Public Health Protection ?** **Chair:** 1. Epidemiological aspects of skin sensitisation **– A. Schnuch** (Germany) 2. Contact sensitization and allergic contact dermatitis: immunobiological mechanisms **– P. Friedmann** (UK) 3. Chemistry of skin sensitisers and opportunities for definition of structure-activity relationships **– J. P. Lepoittevin** (France) 4. to be selected from Abstracts 5. to be selected from Abstracts
13.00-14.00	Lunch and Exhibition Viewing		
14.00-15.00	Poster Viewing		

	W6	S5	S6
15.00-17.30	**Mechanism of Hepatocarcinogenesis (Molecular aspects)** **Chair:** 1. Role of oval cells in hepatocarcinogenesis **– S.S. Thorgeirsson** (USA) 2. Molecular mechanisms of tumour promotion in mouse liver – **M. Schwarz** (Germany) 3. Attenuated p53 response in carcinogen - induced preneoplastic hepatic lesions in the rat **– U. Stenius** (Sweden) 4. Damage of zinc fingers in DNA repair proteins, a novel molecular mechanism in carcinogenesis – **W. Bal** (Poland) 5. to be selected from Abstracts	**Nutritional and Safety Assessments of Foods and Feeds nutritionally Improved through Biotechnology** *In collaboration with ILSI International Food Biotechnology Committee* **Chair:** 1. Project overview and introduction to modern Ag. biotechnology and improved nutrition crops **- K. Glenn** (USA) 2. Safety assessment of nutritionally improved foods and feeds developed through the application of modern biotechnology **– R. Shillito** (USA) 3. Nutritional Assessment of Feeds Produced by Modern Biotechnology **- R. Phipps** (UK) 4. Role of analytical techniques in identifying unintended effects in crops – **A.Lommen** (Netherlands) 5. Postmarket monitoring – **I. Munro** (Canada)	**Framework for Integrating Human Data in Risk Assessment** **Chairs:** 1. A proposed framework for integrating human data in risk management – 2. Role of epidemiology in risk assessment **– R. Schnatter** (USA) 3. Evaluation of different sources of human data **– A. Ferrer-Dufol** (Spain) 4. Interpretation of human data for risk assessment in the occupational setting in relation to animal data **- G.Mulder** (The Netherlands) 5. Panel discussion: Effective use of human data in risk assessment - Chair and lecturers
20.00-24.00	Congress Dinner		

WEDNESDAY, SEPTEMBER 14

9.00-10.00	Plenary Session - title will be defined later,		
10.00-10.30	Coffee Break and Exhibition Viewing		
10.30-13.00	S7	W7	W8
	Does Modern Toxicology Allow the Safe Use of Pesticides? **Chairs:** 1. Toxicological concerns of pesticides **– J. Kniewald** (Croatia) 2. The role of mechanistic studies in agrochemical safety evaluation **– L. L Smith** (Switzerland) 3. Lifestage considerations in toxicity testing of agrochemicals **– J. Buschmann** (Germany) 4. Immunotoxic effects the fungicide Hexachlorobenzene **- R. Pieters** (The Netherlands) 5. A tiered approach to assessing the toxicology of pesticides **– A. R. Boobis** (UK)	**Chemical Pollution and Development of Astma** *In collaboration with ECETOC* **Chairs**: 1. Chemical pollution, asthma and allergy: an ECETOC perspective - **I. Kimber** (UK) 2. Cross-shift study in mastic asphalt workers - chemical-irritative effects of fumes and aerosols of bitumen – **M. Raulf-Heimsoth** (Germany) 3. Asthma due to chemicals exposure **– C. Palczynski** (Poland) 4. to be selected from Abstracts 5. to be selected from Abstracts	**Children and Health** *In collaboration with ECETOC* **Chair:** 1. Children as a risk group – report from ECETOC Taskforce – **H. Autrup** (Denmark) 2. Gene-environment in development of asthma and allergy - **M. Kabesch** (Germany) 3. Neurobehavioral toxicity – **D. A. Cory-Slechta** (USA) 4. Biomarkers to assess exposure to genotoxicants - meta-analysis of epidemiological data **- D. F. Merlo (**Italy) 5. Exposures to pesticides and children health-overview of epidemiological evidence – **W. Hanke, J. Jurewicz** (Poland)
13.00-14.00	Closing ceremony		