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This distribution is only tentative and might suffer some changes. Final timetable will be published in June 2010.

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<tr>
<th>Monday 19 July</th>
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<tr>
<td>8:05</td>
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<tr>
<td>9:00</td>
<td>Registration</td>
<td>Subcommittees meetings</td>
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<tr>
<td></td>
<td>(all day)</td>
<td>EUROTOX Individual Member meeting ROOM 1</td>
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<tr>
<td>10:00</td>
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<td>Coffee</td>
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<td>10:30</td>
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<td>Coffee</td>
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<tr>
<td>11:30</td>
<td>Courses</td>
<td>Coffee</td>
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<tr>
<td>13:00</td>
<td>SY01 Toxicosurveillance: Current status and future prospects / ROOM 7</td>
<td>SY02 Sensory Systems as Toxicity Targets / ROOM 5</td>
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<td>SY03 Safe Nanotechnologies - A Challenge for the Future / ROOM 6</td>
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<td>SY04 The diet in colon cancer development / ROOM 13</td>
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<tr>
<td>13:00</td>
<td>Poster Session 1</td>
<td>Poster Session 2</td>
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<td>EUROTOX Business Council Meeting ROOM 3 Exhibition Lunch</td>
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<tr>
<td>14:00</td>
<td>15:00 (14:30-16:00)</td>
<td>15:00 (14:30-16:00)</td>
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<td></td>
<td>W1. EU Research Initiatives in Environment and Health (Sponsored by European Commission, Research DG)</td>
<td>W2. Round Table on publication in Toxicology (with the collaboration of Editors of Journal), ROOM 6</td>
</tr>
<tr>
<td>15:00</td>
<td>SY05 Individual susceptibility to environmental and occupation exposure / ROOM 13</td>
<td>SY11 Genotoxicity testing: for impurities in drugs / ROOM 1</td>
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<tr>
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<td>SY10 Endocrine disruptors effects on reproduction and development / ROOM 4</td>
<td>SY12 Drugs of Abuse-The things you didn’t know / ROOM 5</td>
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<tr>
<td>16:00</td>
<td>SY09 Biостarkers and Molecular Mechanisms in Pesticide Toxicity / ROOM 7</td>
<td>SY13 Risk assessment of herbal Medicines and Botanical Supplements (similar, but still different) / ROOM 6</td>
</tr>
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<td>SY06 Effects of climate change on human health, special focus on contaminants / ROOM 8</td>
<td>SY14 In Silico Toxicology / ROOM 7</td>
</tr>
<tr>
<td></td>
<td>SY07 New Developments in Pulmonary Cytogenomics / ROOM 13</td>
<td>SY15 Toxicity and risk assessment of heat-treatment formed products / ROOM 12</td>
</tr>
<tr>
<td></td>
<td>SY08 Genetic polymorphism and drug metabolizing enzymes / ROOM 5</td>
<td>SY16 Integration of genomics, proteomics and metabolomics technologies in drug safety assessment / ROOM 6</td>
</tr>
<tr>
<td>18:00</td>
<td>Opening Ceremony</td>
<td>SY17 New insights into acetylaminophen toxicity / ROOM 7</td>
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<td>Auditorium (R7)</td>
<td>SY22 MicroRNA Mafactors role in chemically induced toxicity / ROOM 5</td>
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<td></td>
<td>Deichmann Lecture</td>
<td>Sponsored by LRI - CEFIC (Long Range Research Initiative - The European Chemical Industry Council)</td>
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<td>Manel Esteller, ESP</td>
<td>SY24 Immunotoxicology: From models to humans / ROOM 13</td>
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<tr>
<td>20:00</td>
<td>Welcome reception</td>
<td>20:30 Congress Dinner</td>
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<th>Thursday 22 July</th>
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<tr>
<td>8:00</td>
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<tr>
<td>9:00</td>
<td>EUROTOX-SCOT Debate</td>
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<td>10:00</td>
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<tr>
<td>10:30</td>
<td>SY17 Contribution of biological monitoring to occupational risk assessment / ROOM 6</td>
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<tr>
<td>13:00</td>
<td>SY18 Developmental Neurotoxicity Testing in the 21st Century: High-Throughput Screening Methods / ROOM 13</td>
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<tr>
<td>15:00</td>
<td>Partly sponsored by European Food Safety Authority</td>
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<tr>
<td>16:00</td>
<td>SY20 In Silico Toxicology / ROOM 7</td>
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<tr>
<td>18:00</td>
<td>Suggested by Proux Institute Biomedical Science</td>
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SCIENTIFIC PROGRAM

19 July, Monday

Continuous Educational Course

10:00-17:00 CEC-1 Individual susceptibility and biomarkers in occupational toxicology / ROOM 3
Chairs: Fernando Gil,
Antonio F. Hernández, Univ. Granada

Development, validation and application of biomarkers in occupational toxicology
Fernando Gil, Granada, Spain

Biomarkers of exposure and susceptibility to pesticides and other xenobiotics
Aristidis Tsatsakis and Vassila Androustopoulos, Greece

Ethical, legal and social concerns in the use of biomarkers in medical surveillance
J.A. Lorente, Spain

Role of genetic polymorphisms of xenobiotic-metabolising enzymes in occupational health. Relevance in occupational cancer
Antonio F. Hernández, Granada, Spain

Biomonitoring for acute, occupational and low level exposures in risk assessment
Jyrki Liesivuori, Finland

CYP450s phenotype-genotype correlations and potential workplace applications
Elain Mutch, GSK

CEC-2 Regulatory toxicology and risk assessment processes for preventative and therapeutic vaccine development / ROOM 4
Chairs: Lawrence Segal. GSK Biocigilas, Wavre, Belgium
Sarah Gould, Sanofi Pasteur, Marcy L’Etoile, France
Sponsored by Sanofi Pasteur and GSK Biologicals

Overview of global (FDA, EMEA, WHO, Japan) regulatory toxicology requirements for vaccines and immunostimulants
Marion Gruber, US FDA, CBER, USA
Yuansheng Sun, Paul-Ehrlich Institut, Federal Agency for Vaccines and Biomedicines, Germany
Mineo Matsumoto, Office of Biologics, PMDA, Japan

Single dose, local tolerance, repeated dose, safety pharmacology, biodistribution and integration study designs for vaccines
Roy Forster, CIT, Evreux, France

Reproductive toxicity and fertility study designs for vaccines
Paul Barrow, Recerca Biosciences, Saint German sur l’Arbresle, France

Hypersensitivity and autoimmunity
Marc Paillardy, INSEERM 996, Faculte de Pharmacie, Universite de Paris-Sud 11, France

Environmental Assessment of GMO vaccine antigens and the safety evaluation of residuals, contaminants, and extractables/leachables.
André Penninks, TNO, Netherlands

CEC-3 In vitro test of teratogenicity: a practical approach
Chairs: Marta Barenys, GRET-CERETOX group, Toxicology Unit, School of Pharmacy, Public Health Department, University of Barcelona
Joaquín de Lapuente, GRET-CERETOX group, Experimental Toxicology and Ecotoxicology Unit, Barcelona Science Park
Organized by GRET CERETOX (UB/PCB)

Teratogeny and embryotoxicity: state of the art
Miquel Borràs

Teratogeny preliminary evaluation. In vitro screening tests
Burkhard Flick

Practical session I: Whole Embryo Culture and Fish Embryo Test with Zebrafish
Elisabet Teixidó, Núria Boix, Burkhard Flick and Marta Barenys

Practical session II: Micromass test and Embryonic Stem Cell Test
Lydia Camps, David Ramos, Javier González-Linares and Joaquina de Lapuente

CEC-4 Evaluation of drugs without animals
Chairs: Domingo Gargallo, Ferrer International. Toxicology and Safety Pharmacology
Joan Albert Vericat, Noscira, Madrid. Spain

With the collaboration of REMA (The Spanish Network of Alternative Methods)

Course localization Ferrer International

Objective: Review the different possibilities today available to reduce the attrition rate during regulatory non-clinical and clinical development. Is there enough information available in early screening to conduct a limited safety assessment? Until which degree animals can be removed from non-clinical development?

Lecture 1: Introduction I: The Regulatory Frame in Non-Clinical Drug: Genetic Toxicology Early Screening
Esperanza Herreros and Santiago Ferrer, In vitro Toxicity and Toxicity, GSK, Madrid

Lecture 2: Introduction II: The concept of the 3Rs+R2 (= Replacement, Refinement, Reduction + Responsibility in Research); attrition rates and overview of existing non-animal approaches
Joan Albert Vericat, Noscira, Madrid, Spain

Lecture 3: Genetic Toxicology Early Screening (30+10 minutes)
Domingo Gargallo, Ferrer International. Barcelona

Lecture 4: Metabolism & ADE; (1) Metabolism (2) ADE & Modeling.

Lecture 5: Need for complexity: Integration in vitro and in vivo activities
Joan Albert Vericat, Noscira, Madrid, Spain

Lecture 6: Points of view of Regulatory Authorities
Federico Goodsaid. US FDA Pending confirmation

Final Discussion: Open discussion and take home messages
20 July, Tuesday

09.00 KL02 Bo Holmsted Memorial Lecture / ROOM 7
Chairs: 
Hermann Autrup
Corrado Galli, University of Milan, IT

KL02 Chemical and Protein Allergy: Progress, Opportunities and Challenges
Iam Kimber, Faculty of Medicine, University of Manchester, GBR

10:00-10:30 Coffe break (in Exhibition Area)

10:30 SY01 Toxicosurveillance- Current status and future prospects / ROOM 7
Chairs: 
Nickholas Bateman, University of Edinburgh, GBR
Hermann Bolt, IfA, Dortmund, DEU

SY01-1 Toxicosurveillance Spanish Program
Ana Ferrer-Dufol, Unit of Clinical Toxicology, Clinical Hospital, Zaragoza, ESP

SY01-2 Practical approaches to toxicosurveillance in Asia.
Andrew Dawson, Faculty of Medicine, University of Peradeniya, Peradeniya, SRI

SY01-3 Using epidemiological data to study lethal occupational exposures
David Coggon, MRC Epidemiology Resource Centre, University of Southampton, GBR

SY01-4 Toxicosurveillance using poison center data-streams
Salome Ballesteros, Servicio Informacion Toxicologica, Madrid

SY01-5 International collaboration in Toxicosurveillance: a WHO perspective
Tim J Meredith, International Programme on Chemical Safety, World Health Organization, Geneva, CHE

10:30 SY02 Sensory Systems as Toxicity Targets / ROOM 5
Chairs: 
Larry Fechter, Jerry Pets Memomorial Veterans Medical Center, USA
Werner Kobel, ToxAdvice GmbH, SWI

SY02-1 Can the synergistic effects of a combined exposure to noise and solvents be explained through the pharmacological effects of solvents on the central nervous system?
Pierre Campo, Instut National de Recherche et de Sécurité, FR

SY02-2 Toxicity of Nitriles on the Peripheral Vestibular System: Defining New Families of Compounds with “Classic-Type” of Inner Ear Toxicity.
Jordi Llorens, Universitat de Barcelona, ESP

SY02-3 Visual Effects of Exposure to Volatile Organic Solvents in an Animal Model
William K. Boyes, US Environmental Protection Agency, USA

SY02-4 Chemosensory Effects of Exposure to Volatile Organic Compounds in Humans
Christoph van Thriel, Leibniz Research Centre for Working Environment and Human Factors at the University of Dortmund, DEU

SY02-5 Chemical exposure as a risk factor for hearing loss: implications for occupational health
Ann-Christin Johnson, Karolinska Institute, SWE
### 10:30 SY03
**Safe Nanotechnologies - A Challenge for the Future / ROOM 6**
**Chairs:** Kai Savolainen, Finnish Institute of Occupational Health, Helsinki, FIN
Liliana Saldivar, Universidad Nacional Autónoma de México, MEX

**SY03-1**
**New Lessons of Safety Challenges of Engineered Nanoparticles - Introduction**
Kai Savolainen, Finnish Institute of Occupational Health, Helsinki, FIN

**SY03-2**
**Causality of Exposure to Engineered Nanoparticles and Their Biological Effects**
Allison Elder, School of Medicine & Dentistry, University of Rochester, Rochester, NY, USA

**SY03-3**
**Carbon Nanotubes - Challenges for Assuring Safety of Nanotechnologies**
Ken Donaldson, MRC Centre for Inflammation Research (CIR), University of Edinburgh, GBR

**SY03-4**
**Assessment of Exposure to Nanoparticles in Occupational Setting**
Gerhard Kasper, Institut für Mechanische Verfahrenstechnik und Mechanik, University of Karlsruhe, DEU

**SY03-5**
**Nanotoxicology: Biological effects of manufactured nanoparticles and their health**
Yuqiang Zhao, Institute of High Energy Physics, Chinese Academy of Science Beijing, CHN

### 10:30 SY04
**The diet in colon cancer development / ROOM 13**
**Chairs:** Dieter Schrenk, Universität. Kaiserslautern, DEU
Pablo Steinberg, University of Veterinary Medicine Hannover, DEU

**SY04-1**
**In vitro models to study diet-related colon cancer induction and prevention**
Jennifer L. Fenton, Department of Food Science and Human Nutrition, Michigan State University, USA

**SY04-2**
**Red and processed meat intake and risk of colorectal adenoma and carcinoma from a molecular epidemiological point of view**
Rashmi Sinha, Division of Cancer Epidemiology and Genetics, National Cancer Institute, USA

**SY04-3**
**The role of folate in colon cancer development**
Robert Clarke, Clinical Trial Service Unit, University of Oxford, GBR

**SY04-4**
**The role of flat dysplastic aberrant crypt foci induced in the colon by food contaminants**
Jan Alexander, Division of Environmental Medicine, Norwegian Institute of Public Health, NOR

**SY04-5**
**The role of inflammation in colon cancer induced by food contaminants**
Pablo Steinberg, Institute for Food Toxicology and Analytical Chemistry University of Veterinary Medicine Hannover, DEU

### 13:00-16:00 P1
**Poster Sessions day 1**
(14:00-15:00) Author present

**P101** - HUMAN BIOMONITORING
**P102** - EPIDEMIOLOGICAL TOXICOLOGY
**P103** - ENVIRONMENTAL HEALTH
**P104** - OCCUPATIONAL TOXICOLOGY
**P105** - HUMAN CLINICAL TOXICOLOGY
**P106** - REGULATORY AND RISK ASSESSMENT
**P107** - METABOLISM/BIOTRANSFORMATION/POLYMORPHISMS
**P108** - ECOTOXICOLOGY

### 14:30 W1
**EU Research Initiatives in Environment and Health / ROOM 13**
**Chair:** Dr. Tuomo Karjalainen, Scientific Officer. European Commission

**14:30 W1-1**
Introduction: European Union support for research onenvironment and health issues
Tuomo Karjalainen, European Commission, Research Directorate-General

**14:45 W1-2**
Cancer and the environment: Experience from the EU-fundedENVIROGENOMARKERS, NEWGENERIS and ECNIS projects
Soterios Kyrtopoulos, National Hellenic Research Foundation, Greece

**15:00 W1-3**
Exposure to nanomaterials and possible impacts: Experience from the EU-fundedNANODEVICE, NANOIMPACTNET and HINAMOX projects
Kai Savolainen, Finnish Institute of Occupational Health

**15:15 W1-4**
Mixture toxicity of chemicals: Experience from the EU-fundedCREDO andNECTAR clusters of projects
Andreas Kortenkamp, University of London School of Pharmacy

**15:30 W1-5**
Access to EU funding, project types, priorities, application process, nationalfunding, availability of information etc.
Panel discussion of all speakers

**16:00 W1-6**
Closure
Tuomo Karjalainen, European Commission, Research Directorate-General

### 15:00 W2
**Round Table on “Publication in Toxicology” / ROOM 6**
**Chair:** Hermann Bolt (IfaDO, Dortmund, DEU)
With the collaboration of journal Editors

**Participants:**
- Allan Boobis (Food Chem Toxicol)
- Wolfgang Dekant (Toxicol Lett)
- Jan G Hengstler (Arch Toxicol)
- Roger O McClellan (Crit Rev Toxicol)
- Philip Wexler (NIH/NLM)

**Issues for discussion:** Changes and trends in scientific publications. Development ofquality, preferred areas for publication. Publication in toxicology journals versus information oftoxicology in databases and n/toxicology journals. Submission versus reviewing expertise. The pressure to publish, Future of bibliometrics. Changing publicationbehaviours.
15:00-16:00 II REUNIÓN DE LA RED IBEROAMERICANA DE TOXICOLOGÍA Y SEGURIDAD QUÍMICA (RITSQ) / ROOM 8

Coordinador/Chair: Eduardo de la Peña de Torres. Consejo Superior de Investigaciones Científicas. España

Participants/Participants:
1. Silvia Barros. Universidad de São Paulo. Brasil
2. Gerardo D. Castro. CITEFA. Argentina
3. Raquel Alarcón. Universidad de Almería. España
4. Liliana Saldivar. Universidad Nacional de México
5. Guillermo Repetto. Universidad San Pablo de Valdivia. España
7. Patricia Escalante Galindo. Centro Toxicoológico. Hospital Juárez de México
8. Mª Carmen Riva. (CRTC) Universidad Politécnica de Cataluña. España
10. Nelly Mañay. Universidad de la República de Uruguay
12. Mª Fernanda Cavieres. Universidad de Valparaíso. Chile
13. Eugenio Villanova. Universidad de Alicante. España
15. Guillermina Font. Universidad de Valencia. España

The aim of this meeting is to present the existing collaborating activities and agreements. To discuss about future coordinated plans with Iberoamérica on formation as well as on research. It is an open meeting and any concern or suggestion on the RITSQ will be more than welcome.

El objetivo de la reunión es exponer las actividades, y convenios de colaboración existentes. Dialogar sobre la planificación de futuras colaboraciones con Iberoamérica tanto de formación como en investigación. La reunión es abierta y cualquier inquietud o sugerencia sobre la RITSQ será bienvenida.
**21 July, Wednesday**

**8:00**  Eurotox Individual Member Meeting / ROOM 1

**9:00**  KL03  ILSI-HESI Lecture / ROOM 7  
Chairs: Leisivuori Jyrki  
Michael P. Holsapple  

**KL03**  Mechanism-based environmental health research in the age of genomics  
Soterios Kyrtopoulos, National Hellenic Research Foundation, GRC

**10:00-10:30**  Coffe break (in Exhibition Area)  
Sponsored by Ricerca Biosciences, LLC

**10:30**  SY09  Individual susceptibility to environmental and occupation exposure / ROOM 13  
Chairs: Nursen Basaran, Hacettepe University Faculty of Pharmacy, Ankara, TR  
Ruth Roberts, AstraZeneca, UK, GBR

**SY09-1**  Effect of genetic and environmental factors on biomarkers of exposure  
Hermann Autrup, Univ. of Aarhus, Aarhus, Denmark, DNK

**SY09-2**  Modulation of arseniasis risk by host factors in a multiethnic village  
Jian-Hua Shen, Shanghai Institutes of Biological Sciences, Chinese Acad.Sc., Shanghai, CHN

**SY09-3**  Human bladder cancer and individual susceptibility factors  
Miriam Angelí-Greaves, Univ. of Venezuela, Caracas, Venezuela, VEN

**SY09-4**  Application of DNA-chip based techniques in occupational studies  
Jan G. Hengstler, IfADo, Dortmund, Germany, DEU

**SY09-5**  Factors of individual susceptibility to benzene: state of the art  
Robert Snyder, EDHS, Rutgers University, Piscataway, NJ, USA

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**16:30**  SY07  New Developments in Pulmonary Carcinogenesis / ROOM 13  
Chairs: Heidi Foth, University of Halle, Germany (GT), DEU  
Lewis Smith, Syngenta, UK

**SY07-1**  Deregulated EGFR Signaling during Lung Cancer Progression  
Adi Gazdar, University of Texas Southwestern Medical Center, Dallas, USA

**SY07-2**  Pattern of in vitro stress response of lung cells from lung cancer cases  
Heidi Foth, University of Halle, Germany (President of the German Society of Toxicology, GT), DEU

**SY07-3**  Transgenic and Smoke-Induced Rodent Lung Cancer Models  
Hans-Jürgen Hausmann, Toxicology Consultant, Rosenthal, DEU

**SY07-4**  Changes of the genome DNA methylation in the progress of benzo[a]pyrene-induced transformation  
Zhixiong Zhuang, ShenZhen Center for Disease Control and Prevention, CHN (Short communication) (abstract in P203-030)

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**16:30**  SY08  Genetic polymorphism and drug metabolizing enzymes / ROOM 5  
Maria Aránzazu Martínez, Universidad Complutense de Madrid, ESP

**SY08-2**  Carboxyl Reductases/Steroid Dehydrogenases: Biology, Classification and Implication in Drug Metabolism and Detoxification  
Edmund Maser, Institute of Toxicology and Pharmacology, Univ. Med. Sch. Schleswig-Holstein, Kiel, DEU

**SY08-3**  Metabolic activation of PAHs by aldo-keto reductases  
Trevor M. Penning, Philadelphia, USA

**SY08-4**  Epoxide hydrolases: structure, function, mechanism and toxicological implication  
Michael Arand, Zurich, CHE

**SY08-5**  Urinary 1-OHP levels in children are modulated by cyp1a1*2c, cyp1b1*3, gstm1*0 and nqo1*2 polymorphisms  
M. Sánchez-Guerra, CINVESTAV-IPN, México (Short communication) (abstract in P107-006)

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**18:30**  Asamblea AETOX

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10:30 SY10 Endocrine disrupters: effects on reproduction and development / ROOM 6
Chairs: Anunciación Lafuente, Lab. of Toxicology, University of Vigo, ESP
Elaine Faustman, Institute for Risk Analysis & Risk Communicationreceives, WA, USA

SY10-1 Steroid hormone receptors and metabolism in endocrine disruption.
Sari Mäkelä, Functional Foods Forum, University of Turku, FIN

SY10-2 Retinoid receptors and metabolism in endocrine disruption.
Helen Häkansson, The Institute of Environmental Medicine, Karolinska Institute, Stockholm, SWE

SY10-3 Reprogramming of DNA methylation during mammalian development and impact of Endocrine Disruptors.
Michael Weber, Institute of Molecular Genetics CNRS, FRA

SY10-4 Criteria for the interpretation of reproductive and endocrine effects detected in regulatory guideline studies.
Roland Solecki, Bfr, Berlin, DEU

SY10-5 Delineation of Persistent Organic Pollutant effects in human: cellular and clinical studies
Robert Barouki, Université René Descartes. Paris. FRA

10:30 SY11 Genotoxicity testing: for impurities in drugs / ROOM 7
Chairs: Ricard Marcos, Autonomous University of Barcelona
Bárbara Hales, McGill University. Canada

SY11-1 Genotoxicity assessment in early drug development: identification, new models and strategies
Jacky Van Gompel, Genotoxicology and in vitro toxicology of J&J Pharma. BEL

SY11-2 Genotoxicological qualification of impurities in the pharmaceutical industry
Michelle Kenyon, Genotoxicologist at Pfizer, Groton, USA

SY11-3 Genotoxicity testing of pharmaceuticals: An update on changing regulatory guidances
Peter Kasper, German Regulatory Agency Bfarm. DEU

SY11-4 Future approaches to genotoxicity testing for drugs and impurities
David Tweats, Genetic toxicology, Swansea University, Wales. GBR

SY11-5 Threshold for Toxicological Concern (TTC) and impurities
Lutz Müller, Hoffmann-La Roche, Basel, CHE

13:00-14:30 Lunch (in Exhibition Area)

13:00-17:30 Eurotox Business Council Meeting

13:00-16:00 P2 Poster Sessions day 2.
(14:00-15:00 Author present)

13:00-14:00 W4 The laboratory animal : a key player in toxicological sciences / ROOM 5
Chair: Javier Guillén
Sponsored by Association for Assessment and Accreditation of Laboratory Animal Care, AAALAC International
AAALAC International: quality science and animal welfare together in an accreditation scheme
Javier Guillén, Senior Director and Director of European Activities, AAALAC International

Benefits in Toxicology from peer reviews of animal care and use programs
Peter Clausing, Senior Toxicologist, Council on Accreditation/AAALAC International

14.00 The MARMOSET as a model for the evaluation of novel pharmaceuticals and biotechnology - derived products / ROOM 8
Sponsored by RTC
### 14:30-16:00 W4
**Informative Workshop From Carcinogenicity to Metabolomics – Challenges in Regulatory Toxicology process / ROOM 6**
Sponsored by BASF

1. Metabolomics: A tool for early identification of toxicological effects and an opportunity for biology based chemical grouping under REACH
   - Bernard van Ravenzwaay

2. Mode of action: CAR-mediated rodent-specific hepatocarcinogenicity
   - Naveed Honarvar

3. Pathology Working Group: A scientific solution for conflicting pathological datasets
   - Sibylle Gröters

### 14:30-16:00 W5
**Label-Free Testing for Embryotoxicity, and Hepatic Cell and Cardiomyocyte Cytotoxicity / ROOM 6**
Sponsored by ROCHE

- Identification of embryotoxic effects of the marine biotoxin okadaic acid using different murine embryonic stem cells

- Screening of Cardiotoxic and Pro-Arrhythmic Compounds Using Stem Cell-Derived Cardiomyocytes with the xCELLigence RTCA Cardio System
  - Yama A. Abassi, ACEA, Cell Biology and Assay Development

### 16:00-16:30
**Coffe break (in Exhibition Area)**

### 16:30-17:00
**16:30 SY14 Glia-Neuron Interactions in Neurotoxicology / ROOM 5**
**Chairs:** Marina Guizzetti. University of Washington, Seattle, WA, USA

- **SY14-1** Proinflammatory cytokines, glutamatergic system and neurotoxicity
  - Barbara Viviani. Università degli Studi di Milano, ITA

- **SY14-2** Ethanol activates IL-1RI/TLR4 in gial cells and induces neuroinflammation
  - Consuelo Guerrero. Centro de Investigación Príncipe Felipe, Valencia. ESP

- **SY14-3** Chaperone deficiency in Pb-exposed giala: links to neurodegenerative diseases
  - Evelyn Tiffany-Castiglioni. Texas A&M University. College Station TX. USA

- **SY14-4** Fetal Alcohol Spectrum Disorders: inhibition of astrocyte release of extracellular matrix proteins and neuritogenesis
  - Marina Guizzetti. University of Washington, Seattle, WA. USA

**16:30 Award Lecture: ICTXII Early Toxicologist Award / ROOM 13**
**Chair:** Daniel Acosta. IUTOX President-Elect

- **AWL** Venom induced consumption coagulopathy – understanding an important manifestation of snake envenoming.
  - Geoff K. Isbister. University of Newcastle and Department of Clinical Toxicology and Pharmacology, New South Wales. Australia

**17:00 SY15 Toxicity and risk assessment of heat-treatment formed products / ROOM 13**
**Chairs:** Wolfgang Dekant. Department of Toxicology, University of Würzburg. DEU

- **SY15-1** Heat-treatment induced toxicant in food: Needs for health risk assessment
  - Maria José Ruiz. Universidad de Valencia, ESP

- **SY15-2** Role of genetic and epigenetic mechanisms in furan toxicity
  - Kevin Chipman. University of Birmingham. GBR

- **SY15-3** Risk assessment of chemicals formed by heat processing of food
  - Angelika Tritscher. WHO Joint Secretary to JECFA and JMPR, Geneva. WHO
**22 July, Thursday**

**09:00**
**DEB01 EUROTOX-SOT Debate / ROOM 7**  
Threshold of Toxicological concern (TTC): is based on science or politics?  
Chairs: Nancy Claude, Institut de Recherches Internationales Servier, Courbevoie, FRA  
Jon C. Cook, SOT, Pfizer, INC, Groton, CT, USA  
Sponsored by EUROTOX and Society of Toxicology USA

Deb-1 **IN FAVOUR:**  
Sue Barlow, Independent Consultant in Toxicology, Brighton, GBR

Deb-2 **AGAINST:**  
Michael Cheeseman, Center for Food Safety and Applied Nutrition, US FDA, College Park, MD, USA

**10:00-10:30**  
Coffee break (in Exhibition Area)

**10:30**
**SY17 Contribution of biological monitoring to occupational risk assessment / ROOM 6**  
**Chairs:** Maurizio Manno, University of Naples Federico II, ITA  
Aristidis Tsatsakis, University of Crete, Greece

**SY17-1**  
Biomonitoring for occupational health risk assessment (BOHRA): the ICOH-SCOT approach  
Maurizio Manno, University of Naples Federico II, ITA

**SY17-2**  
Toxicokinetic considerations in using a suite of markers to better understand occupational health risk from PAH exposure  
Claude Viau, University of Montreal, Canada

**SY17-3**  
Non-invasive biomonitoring for carcinogen DNA adducts: practical application of basic toxicology  
Glenn Talaska, University of Cincinnati, USA

**SY17-4**  
Saliva and axillary hair as non-invasive samples in the biomonitoring of workers exposed to metal ions and other chemicals  
Fernando Gil, University of Granada, Occupational Health School, Granada, Spain

**SY17-5**  
The contribution of molecular biology to the biological monitoring of human exposure to chemicals  
Arnulfo Albores, CIMESTAV, Mexico
### 10:30 SY18 Developmental Neurotoxicity Testing in the 21st Century: High-Throughput Screening Methods / ROOM 13
**Chairs:** Donald A. Fox, University of Houston, USA
Guillermo Repetto, Universidad San Pablo de Olavide, ESP

#### SY18-1 Screening for Developmental Neurotoxicity: Past and Future
**Kevin M. Crofton,** US Environmental Protection Agency, USA

#### SY18-2 Cell-based in vitro Screening Methods for Developmental Neurotoxicity
**Cristina Sañol,** Institut d’Investigacions Biomèdiques de Barcelona, CSIC-IDIBAPS, CIBER Epidemiología y Salud Pública, Barcelona, ESP

#### SY18-4 Human neurospheres as three-dimensional cellular systems for developmental neurotoxicity testing
**Ellen Fritsche,** Institut für umweltmedizinische Forschung gGmbH, Düsseldorf, DEU

#### SY18-5 Present state analysis and policy direction of high-throughput, methods for developmental neurotoxicity
**Ryozo Tsuji,** Sumitomo Chemical, JPN

### 10:30 SY19 New trends in Food Safety / ROOM 5
**Chairs:** Jolanta Gromadzinska, Nofer Institute of Occupational, Lodz, POL
Víctor Sorribas, Partly sponsored by European Food Safety Authority

#### SY19-1 Chemical risk assessment: Historical perspectives and current trends
**Jean Lou Dorne,** European Food Safety Authority Parma, ITA

#### SY19-2 Molecular mechanistic basis for risk assessment of biotoxins in foods
**Edmond Creppy,** University Bordeaux 2, Toxicology, FRA

#### SY19-3 Mycotoxicalgical risks of main European food/feed chains
**Antonio F. Logrieco,** Institute of Sciences of Food Production Research, ITA

#### SY19-4 Protective effect of antioxidants against mycotoxins induced citotoxicity in cells
**Maria José Ruiz,** Facultad de Farmacia, Universidad de Valencia, ESP

#### SY19-5 Pesticide risk assessment at the European Food Safety Authority: New developments
**L. Mohimont,** European Food Safety Authority, Parma, ITA

### 10:30 SY20 In Silico Toxicology / ROOM 7
**Chairs:** Luis G. Valerio, US Food and Drug Administration, USA
Juan María Llober, Universidad de Barcelona, ESP

**Sponsored by Prous Institute Biomedical Science**

#### SY20-1 Role of the European Commission’s Joint Research Centre in Computational Toxicology
**Andrew Worth,** European Commission – Joint Research Centre, Ispra, EUR

#### SY20-2 BioEpisteme – an in silico approach to predict and understand the underlying molecular mechanisms contributing to toxicity responses
**Antoni Valencia,** Prous Institute for Biomedical Research, Barcelona, ESP

#### SY20-3 A knowledge-based approach to the in silico assessment of toxicity
**Carol A. Marchant,** L’Assis Limited, GBR

#### SY20-4 In silico toxicology: predictive methods and applied regulatory research at the US FDA Center for Drug Evaluation and Research
**Luis G. Valerio,** US FDA, USA

#### SY20-5 In silico approaches, and in vitro and in vivo mutagenicity assays: implications for regulatory issues
**Romualdo Benigni,** Istituto Superiore di Sanita, ITA

### 13:00-14:30 Lunch (in Exhibition Area)

### 13:00-17:30 IUTOX General Assembly

### 13:00-16:00 P3 Poster Session day 3 (14:00-15:00 Author present)

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### 14:30-16:00 W7 Global impact of 3Rs on regulatory processes: sharing experiences and future trends / ROOM 6
**Chair:** Argelia Castaño, (REMA President, I. S. Carlos III, Madrid)

**Organised by REMA (Spanish Platform on Alternatives) with the participation of experts from REMA, ECOPA, ECVAM, JACVAM, CAAT, BASF, Ferring International**

**Adela López Cerain** (ECOPA President, Universidad de Navarra),
Hajime Kojima (JaCVAM)
Thomas Hartung (CAAT),
Domingo Gargallo, Toxycology and Safety Pharmacology, Ferring International.
Robert Landsiedel, BASF Product Safety - Experimental Toxicology and Ecology
### 14:30-16:00 W8 Accomplishments and Challenges in Global Chemicals Policy / ROOM 5
**Chair:** Philip Wexler, US National Library of Medicine, USA

With the collaboration of experts from the US NLM, UN, WHO OECD, OpenTox and Eco Consell

Advancing toxicology through a more strategic approach to international chemicals management

Lesley Onyon, United Nations Environment Programme

Carolyn Vickers, World Health Organization

A European Chemicals Agency Perspective

David Bell, European Chemicals Agency (ECHA)

Satisfying REACH Requirements in Predictive Toxicology

Barry Hardy, OpenTox Project Coordinator.

OECD Chemicals Programme and Test Guidelines

Laurence Musset, Test Guidelines Programme, OECD

Hitoshi Someya, Environment Directorate, OECD

Globally Harmonised System for Classification and Labeling

Jan van der Kolk, Eco Consell

### 16:00-16:30 Coffee break (In Exhibition Area)

### 16:30 SY22 MicroRNA Malefactors: role in chemically-induced toxicity / ROOM 5
**Chairs:** Jolanta Gromadzinska, ECCHA. Helsinki, FIN

Sponsored by LRI - CEFIC (Long Ronge Research Initiative - The European Chemical Industry Council)

**SY22-1**
Roles for miRNAs in drug and chemical toxicity

Emma Marczylo, MRC Toxicology Unit, GBR

**SY22-2**
The Role of miRNAs in PPARalpha Induced Hepatocellular Carcinomas

Yatrik M Shah, University of Michigan, USA

**SY22-3**
miRNAs in cancer

Anders Lund, BRIC, University of Copenhagen, DNK

**SY22-4**
Critical Roles of MicroRNAs in the Early Stages of Colon Carcinogenesis

Masako Ochiai, National Cancer Center Research Institute, Tokyo, JPN

**SY22-5**
Micrornas following DNA damage

MAPK-mediated induction of miR-34c controls cell cycle arrest

Martin Bushell, MRC Toxicology Unit, University of Leicester, GBR

### 16:30 SY23 Education and chemical safety in developing countries / ROOM 6
**Chairs:** Eduardo de la Peña de Torres, CsIC. Centro de Ciencias Medioambientales, Iberoamerican Network Toxicology and Chemical Safety, ESP

Giuseppe Malinverno, Solvay SA, Belgium

**SY23-1**
Education in Toxicology and Chemical Safety in Developing Countries

Silvia Barros, University of Sao Paulo, BRA

**SY23-5**
Present and Future Challenges in Safety Assessment for Pharmaceuticals in Iberoamerica.

José Manautou, University of Connecticut, USA

**SY23-2**
Reality and Needs of Toxicology Research and Education in Developing Countries.

Fernanda Cavieres, Universidad de Valparaiso, CHL

**SY23-3**
Issues pertaining to toxicology and chemical safety in Africa

Mary Gulumian, Toxicology and Biochemistry Section ICMR, Johannesburg, ZAF

**SY23-4**
The needs of Toxicological Research and Education in Continental Asia

Junshi Chen, Institute of Nutrition and Food Hygiene, Chinese Acad. of Preventive Med, CHN
### 23 July, Friday

#### 9:00-10:00  KL04  Key Lecture / ROOM 7
- **Chairs:** Alan Boobis, Maria Prado Míguez
- **KL04**  What makes a drug to be hepatotoxic? how new technologies can help to better understand the phenomena
  - José V. Castell, Unit for Experimental Hepatology, Research Institute of the University Hospital La Fe, Valencia, ESP

#### 10:00-10:30  Coffee break (in Exhibition Area)

#### 10:30-10:45  SY25  The changing face of clinical toxicology / ROOM 7
- **Chairs:** Martin Wilks, Swiss Centre for Applied Human Toxicology, University of Basel, Switzerland
- Nancy Claude, Institut de Recherches Internationales Servier, Courbevoie, FRA
- **Sponsored by Bo Holmstedt Memorial Fund (BMHF)**
- **SY25-1**  Evidence base for the treatment of poisonings
  - Nick Buckley, POW Hospital, Clinical School, University of NSW, Randwick, AUS
- **SY25-2**  Can we define severity criteria for the common cardiotropic drugs taken in overdose?
  - Bruno Megarbane, Hopital Lariboisière, Paris, FRA
- **SY25-3**  New approaches of treatment in Paraquat poisoning
  - Sae-Yong Hong, Department of Internal Medicine, Soonchunhyang University, Cheonan Hospital, Cheonan, KOR

#### 10:30-10:45  SY26  Detoxication and susceptibility to anticholinesterase pesticides / ROOM 6
- **Chairs:** Ramesh C. Gupta, Murray State University, USA
  - Antonio Hernández, Universidad de Granada, ESP
- **SY26-1**  Role of Albumin in the detoxification of organophosphorus and Carbamate Pesticides
  - Miguel Angel Sogorb, Universidad Miguel Hernández de Elche, ESP
- **SY26-2**  Variation in human liver enzymes involved in pesticide metabolism
  - Elaine Hatchell, Toxicology Unit, Clinical and Laboratory Sciences, The University of Newcastle, Newcastle upon Tyne, GBR
- **SY26-3**  Genetic variability factors in human susceptibility to organophosphorus compounds
  - Clement E. Furlong, University of Washington, Seattle, USA
- **SY26-4**  Toxicity of Mixtures Containing Similarly and Dissimilarly Acting Compounds: New Concepts
  - Sameeh A. Mansour, National Research Centre, Dokki, Cairo, EGY
10:30  SY27  HBCD as a replacement flame retardant; another POP? / ROOM 5
Chairs: Linda Birnbaum, NIEHS, USA
Joaquín Lapuente, Parc Cientific de Barcelona, ESP
SY27-5  Brominated Flame Retardants: Past, Future, and Regulations
Linda Birnbaum, NIEHS, USA
SY27-1  Hexabromocyclododecane (HBCD) Complex Chemistry: Detection and Analytical Methods.
Adrian Covaci, University of Antwerp, BEL
SY27-2  HBCD levels in the Environment, Biota and Humans: Stereoisomeric paradox.
Rob J. Letcher, Environment Canada, Ottawa, CAN
SY27-3  Different HBCD Stereoisomers are Metabolized Differently!
Heldur Haik, USDA ARS Biosciences Research Lab, Fargo, ND
SY27-4  Toxicity and Toxicokinetics of HBCD
David Szabo, University of North Carolina Chapel Hill, NC, USA

10:30  SY28  Combined Exposures to Multiple Chemicals in Risk Assessment: A Pragmatic Approach / ROOM 13
Bette Meek, McLaughlin Centre for Population Health Risk Assessment, University of Ottawa, CAN
Partly sponsored by WHO (World Health Organization) and EFSA (European Food Safety Authority)
SY28-1  Considering Combined Exposures in Risk Assessment: Recent Developments, Opportunities and Challenges
Bette Meek, McLaughlin Centre for Population Health Risk Assessment, University of Ottawa, CAN
SY28-2  Illustration of the WHO Combined Exposures Framework: A tiered and integrative approach to exposure and hazard
Marcel T.M. van Raaij, Centre for Substances and Integrated Risk Assessment (SIR), National Institute for Public Health and the Environment (RIVM), Bilthoven, NLD
SY28-3  WHO Framework Case Study: Carbamates
Elizabeth Shipp, Bayer CropScience on behalf of ECETOC, FRA
SY28-4  Exploration of the Use of the Threshold of Toxicological Concern (TTC) and consideration of synergy for combined exposures
Alan R. Boobis, Imperial College London, United Kingdom, GBR
SY28-5  Trends and developments in the risk assessment of chemical mixtures in food
Djien Liem, European Food Safety Authority, ITA

13:00-13:30  KL05  Final Conference (ECHA Lecture) ROOM 7
Chairs: Daniel Acosta (IUTOX)
Nancy Claude (EUROTOX)
KL05  What has been REACHed?
David Bell, European Chemical Agency (ECHA)

13:30  KL05  Closing Ceremony / ROOM 7
Results of ICT XII 2010, Barcelona, Congress President Remarks from President Spanish Association of Toxicology Invitation to EUROTX 2011 Congress: Paris, France Invitation to ICT XIII, Seoul, Korea Remarks from President EUROTX Remarks and Closing by IUTOX President

14:15  End of Congress
BUSSINES MEETINGS

20 July, Tuesday

15:00-16:00  II REUNIÓN DE LA RED IBEROAMERICANA DE TOXICOLOGÍA Y SEGURIDAD QUÍMICA (RITSQ)

18:30  Asamblea AETOX / ROOM 8

21 July, Wednesday

8:05  EUROTOX Individual Member Meeting / ROOM 1

13:00  EUROTOX Business Council Meeting / ROOM 3

22 July, Thursday

13:00  IUTOX General Assembly / ROOM 3

Information of place and time of meetings of executive committees, subcommittees, specialized sections, and other business meetings will be announced in a poster close to the Congress Secretariat.

TOXICOLOGY HISTORY ROOM

To appreciate the context of toxicology in the present, and plan for its future, it is critical that we understand its history. The International Congress of Toxicology - XII is pleased to present the Toxicology History Room (THR), an exhibit of posters providing a perspective on the history of the science of toxicology and its relation to society. Subjects will include noteworthy toxicologists and their contributions through the ages, organizations that have played a key role in scientific and regulatory affairs, chemicals which have been controversial, major toxic accidents, and more. We invite you to browse this selection of displays and suggest more for the expansion of the THR at future meetings. Though Isaac Newton did not invent the following phrase, it gained in popularity after he used it in a letter in the 17th century, in reference to some of his own accomplishments: “If I have seen a little further it is by standing on the shoulders of Giants.”

(Note: the contents of the posters are responsibility of their authors)
ANALYSIS OF GENDER-RELATED DIFFERENCES AMONG THE PATIENTS WITH SUICIDAL DRUG INTOXICATION.

THE APPLICABILITY OF BIOLOGICAL MONITORING OF STYRENE TO SALIVA MATRIX: A PRELIMINARY ASSESSMENT.

SELECTION OF SAMPLING MATERIAL FOR THE ANALYSIS OF HEAVY METALS IN BLOOD FOR HUMAN BIOMONITORING STUDIES.

INFECTIOUS DISEASES IN INTRAVENOUS SUBSTANCE USERS IN TEHRAN.


DECREASED SEMEN QUALITY IN AGRICULTURAL WORKERS FROM SOUTHERN MEXICO: A LONGITUDINAL STUDY.

EFFECTS OF THE INTERACTION OF TOBACCO SMOKE AND ALCOHOL CONSUMPTION ON BUCCAL MICRONUCLEI IN WORKERS OCCUPATIONALLY EXPOSED TO NICKEL.

CHRONIC CHILDHOOD POISONING 2006-2009: CHARACTERIZATION USING INTOX DMS.

GLOBAL DNA METHYLATION AND RISK OF BREAST CANCER IN MEXICAN WOMEN

THE IMPACT OF SHORT-TERM VARIATIONS IN TRAUMAMETHANE DRINKING WATER LEVELS ON INTERNAL EXPOSURE.

DATA HARMONIZATION: COMPARATIVE STUDY OF FOUR POISON CENTRES USING INTOX DATA MANAGEMENT SYSTEM SOFTWARE.

EFFECTS OF CLINICAL AND BEHAVIOURAL FACTORS ON THE INPUT OF PERSISTENT ORGANIC POLLUTANTS IN HUMAN MILK.

FREQUENCY OF INFECTION IN ORAL MICULAS COWS OF PEOPLE WITH CYTOTOXIC DAMAGE.

EPIDEMIOLOGICAL ANALYSIS OF PERSISTENT ORGANIC POLLUTANTS IN HUMAN MILK FROM COMMUNITIES URBAN AND COAST FROM YUCATAN PENINSULA, MEXICO.
P104-019
Determination of phase-II enzymes activity by ovariectomy in liver and kidney of benzene treated rats. Y. Verma, C.C.S. University, Meerut, India

P104-020
Cancer risk assessment for refractory ceramic fibres from asbestos occupational exposure - I. Committee. M. B. Yarmi, H. Modalan, Indian Agency for Environmental and Occupational Health (IAEOH), Mumbai, India

P104-021
Dose-depended neurogenic abnormalities in set in workers exposed to 1-Bromopropane. G. Ichihara, W. Li, E. Shibata, Z. Zhou, S. Ichihara, H. Wang, Q. Wang, J. Liu, L. Zhang, Y. Tawada, X. Ding. Nagoya University Graduate School of Medicine, Nagoya, Japan; Fusion University School of Public Health; Aichi Medical University; Nagoya University; Shanghai Institute of Preventive Medicine Research.

P104-022
Risk assessment in occupational exposure to formaldehyde/differences between epidemiology and pathology laboratories and formaldehyde-resins production. G. Veigar, C. Lassiter, C. Unsa, 0. Melia, M. Gomaa, M. Blau, J. A. Pelayo. ISTAT, Lisbon, Portugal

P104-023
Child labor and health: Exploratory study from a public market in València, Venezuela. M. Ripa, J. Veigar, L. Briones, L. Rodríguez, M. E. Camacho, Canarias, Valencia, Venezuela; University of Rosario (Bogota, Colombia, Bogotá, Colombia; School of Biochemistry, U. de Canobio, Valencia, Venezuela; University of Rosario (Bogota, Colombia, Bogotá, Colombia).

P104-024
Health-based CELs of chemicals in Poland in 2005. M. Kapustowicz Dobekko, S. Czarnecki, Institute of Occupational Medicine in Poland, Łódź, Poland

P104-025
The easiest estimating of occupational inhalation exposure to three organic solvents: toluene, ethyl acetate and acetone. S. Czarnecki, M. Kapustowicz Dobekko, Institute of Occupational Medicine in Poland, Łódź, Poland

P104-026
Health impairments induced by occupational and environmental exposure to emerging and former contaminants. F. Deschamps. Department of occupational health, KWI, Pari, Montpellier.

P104-027
TOXIC RESPONSE OF THE RESPIRATORY SYSTEM AS A RESULT OF EXPOSURE TO HIGH CONCENTRATIONS OF WHEAT FLOUR DUST. M. Negahb, A. Sohrabzadeh, A. Alipour, School of Health and Research Center for Health Sciences, Shiraz, Iran (Islamic Republic of)

P104-028
Detection of possible genotoxic risks related to toxic substances resulted from coal plant in individuals residing attextilin thermal power plant area via comet assay. E. Duran, D. K. Uluk, E. Çök, Gazi University Faculty of Pharmacy, Ankara, Turkey

P104-029
A review of the most relevant residues of pharmaceuticals products of human use in effluents and sludges from wastewater treatment plants. D. Aguirre, A. De La Torre, M. Carballo, R. Callejas, J. Mendez, Centro Nacional de Sanidad Ambiental Instituto de Salud Carlos III, Majadahonda, Spain; Centro de Investigación en Sanidad Animal, IFA, Spain

P104-030
In vitro effects of summer and winter Milan particulate matter. M. Guatteri, E. Longhi, E. Pezzolato, E. Mollenh, J. Holme, M. Camahorn. Università Milano Bicocca, Milano, Italy; Institute of Public Health, Uò, Norway

P104-031
Differential expression profiles of mics internally exposed to tritiated water. F. Cui, J. Tong, X. Sun, X. Ding, School of Radiation Medicine and Public Health, Sun Yat-sen University, Guangzhou, China

P104-032
ENVIROMENTAL CHALLENGES AND OPPORTUNITIES FOR HEALTH AND ENVIRONMENT INTEGRATED MANAGEMENT.

P104-033
DETERMINATION OF POSSIBLE GENOTOXIC RISKS RELATED TO TOXIC SUBSTANCES RESULTED FROM COAL PLANT IN INDIVIDUALS RESIDING AT

P104-034
The potential suitability of cometone prevents neutrophilic lung inflammation induced by environmental mobile nanoparticles in I. Unal, U. Sydile, H. Peacil, C. Altberic, A. Bilen, J. Kocmann. Institute for forensic and environmental medicine, GSF, Wüsten, Germany

P104-035
Heavy metals and essential elements in bones and eggs of chinsstrap penguin (pygoscelis antarctica) from Deception Island, Antarctica. S. jetar, M. Motla, J. Barlow, A. Martinez, F. Valera, A. Barbato. University of Murcia, Murcia, Spain; Estudio Experimental de Zonas Aridas, CSIC, Spain; Museo Nacional de Ciencias Naturales, CSIC, Spain

P104-036
An integrated cellular dosimetry and structure-property relationship modeling approach to conduct in vitro-in vivo extrapolation of the dose-response relationship: a case study with toluene. I. Payet, K. Krainman, PUCP, Universidad de Morón, Morón, Cuba

P104-037
Studies on health effects caused by voc emissions from pine wood (pinsus species) and oriented strand boards in healthy volunteers. F. Cheng, L. Li, C. Shen, D. Duff, C. Mao, G. Sharp, M. Steinberg, F. Yang, S. Au, Department of Environmental Health Sciences, Fudan University Medical School Center, Fudan, Germany, Fudan, Germany; F. Hauschild-Institut für Hochschulem - Wilhelm-Klauditz-Institut (WKI), Braunschweig, Germany; F. Institut für Medizinische Biometrie, Universität Freiburg, Freiburg, Germany

P104-038
Occupational Toxicology

P104-039
Identification of novel interaction proteins of set in trichloroethylene treated L-02 liver cells. M. J. Prieto Castelló, A. Cardona Llorens. Centro Nacional de Sanidad Ambiental Instituto de Salud Carlos III, Majadahonda, Spain; Facultad de Medicina. Universidad Miguel Hernández, San Juan, Spain

P104-040
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BIONAS GmbH

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Bionas® specializes in instruments and services for label-free, cell-based assays.

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BIOBIDE S.L.

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Biobide is a biotech company that aims to help our customers worldwide developing solutions to face their problems in the Drug Discovery process, integrating zebrafish animal model with innovative tools as High Content Screening based on our automation capability adding value to their R+D+I in the preclinical area.

Biobide helps companies decreasing withdrawals in the Drug Discovery and Development process, saving cost and time obtaining higher revenues from their investment. We are able to set up customized zebrafish toxicity, safety and efficacy assays, to ensure investing in the most successful drug candidates, due to their efficacy or safety.

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The primary focus for BioPorto Diagnostics is the new acute kidney injury marker, NGAL. NGAL is a biomarker that allows the early detection of kidney injury in drug safety studies in many animal models.

BioPorto Diagnostics offers a wide selection of NGAL antibodies and ELISA kits for laboratory animals that can be used in all phases of pharmaceutical development and basic research.

BioPorto Diagnostics’ product portfolio covers NGAL measurement in human, rat, mouse, monkey, dog and pig models - providing essential tools to study compound nephrotoxicity and drug safety in the pharmaceutical industry.

BioVendor-Laboratorní medicína a.s.

BioVendor – Laboratorní Medicína a.s. established its Research and Diagnostic Products Division as an emerging innovative biotech company in the Czech Republic in 1995.

Our mission is to provide researchers and medical experts with top-quality immunodiagnistics and related biochemicals – monoclonal and polyclonal antibodies and recombinant proteins. BioVendor has become internationally recognized for its achievements in rapid launching of high-quality products – resulting in the development of biomarkers for early detection of obesity and obesity-related diseases associated with postindustrial societies. Our customers include the world’s top-ranking scientific institutions, pharmaceutical and biotech companies and clinical laboratories throughout more than 60 countries.
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CIT offers a full range of services: general toxicology in rodents and non-rodents including NHP, DART, carcinogenicity and safety pharmacology, genomics, genetic toxicology, TCR/Immunohistochemistry, pharmacokinetics/DMPK and regulatory affairs.

With high quality and ethical standards CIT is fully GLP-compliant and is AAALAC accredited. Our 350-staff team includes 50 postgraduate scientists (DVM, PharmD, PhD) and is ready to help your upcoming developments.

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Cxr Biosciences

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Summary information: CXR Biosciences Ltd. is commercialising innovative approaches to transform the drug development and chemical safety assessment process. As well as developing proprietary technology platforms such as stem cells and humanised mice, CXR also helps customers to take their candidate compounds through development efficiently, or to resolve problems that have been encountered, through the provision of customised solutions. The company has business relationships with many of the world’s leading pharmaceutical companies, chemical companies, biotechnology companies, universities and research institutions. CXR Biosciences Ltd. is located in Dundee, Scotland, UK.

Ellegaard Göttingen Minipigs A/S

Soree Landeved 302
4261 Dalmoose
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Göttingen minipigs ® are accepted non-rodent models in pharmacology and toxicology. Studies performed on these minipigs are fully recognized by regulatory authorities worldwide, including FDA.

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Over two-hundred multidisciplinary pan-European research projects dealing with environment and health issues have been funded by the European Commission’s Research Directorate-General since the beginning of the Fifth Framework Programme of Research in 1998. From the first three calls of the currently running Seventh Framework Programme (2006-2013) over 70 projects have already been selected for funding. The aim of the Commission’s participation in the IUTOX event is to provide an information platform for showcasing what kind of research has been funded (including a large number of projects on toxicology) and what kinds of opportunities exist for participation in EU-funded research activities.

EUROPEAN FOOD SAFETY AUTHORITY (EFSA)

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The European Food Safety Authority (EFSA) is the keystone of European Union (EU) risk assessment regarding food and feed safety. In close collaboration with national authorities and in open consultation with its stakeholders, EFSA provides independent scientific advice and clear communication on existing and emerging risks. One of the areas in which EFSA advises risk managers at the EU and national level is contaminants in the food chain and undesirable substances such as natural toxicants, mycotoxins and residues of unauthorised substances.

EVOTEC

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Evotec is a leader in the discovery and development of novel small molecule drugs with operational sites in Europe and Asia. The Company has built substantial drug discovery expertise and an industrialised platform that can drive new innovative small molecule compounds into the clinic. In addition, Evotec has built a deep internal knowledge base in the treatment of diseases related to neuroscience, pain, oncology and inflammation. Leveraging these skills and expertise the Company intends to develop best-in-class differentiated therapeutics and deliver superior science-driven discovery alliances with pharmaceutical and biotechnology companies. Evotec has long-term discovery alliances with partners including Boehringer Ingelheim, CHDI, Novartis, Ono Pharmaceutical and Roche.

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The International Life Sciences Institute – European branch (ILSI Europe) is a non-profit, worldwide foundation with the aim to advance the understanding of scientific issues relating to nutrition, food safety, toxicology, risk assessment and the environment by bringing together scientists from academia, government, industry and the general public through the advancement of science.

Institute for In Vitro Sciences

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NOTOX B.V.

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Contact person: Drs. Harry Emmen, Head of Toxicology

NOTOX specializes in contract research and consultancy for the registration of pharmaceutical products and agro chemicals worldwide. More than 300 specialists and 12,300 m² of modern purpose built laboratories and offices are available for non GLP screening, in vitro studies, regulatory toxicology, analytical support and dossier management including REACH. Our operations have been endorsed by the GLP Monitoring authorities and conform to the principles of OECD/EMA/FDA Good Laboratory Practice and enjoy JNAP certification.

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RTC - Research Toxicology Centre

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The Society of Toxicology (SOT) is the largest association of professional toxicologists in the world, with over 6500 members from more than 50 countries. Each year in March, the SOT holds an Annual Meeting and exposition that is attended by 6,000-7,000 scientists, features presentation of over 2400+ abstracts in a variety of session types, and showcases 400 exhibits of products and services. Members receive discounted registration fees for SOT meetings and the SOT journal, Toxicological Sciences, the premier peer-reviewed, hypothesis-driven publication of original research articles in toxicology. Stop by the booth to meet SOT leaders, get an update on plans for the SOT’s 50th Anniversary Meeting March 6-10, 2011 in Washington, DC, and learn about new programs for scientists from developing countries.

SKINETHIC LABORATORIES

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SNBL offers toxicology and pharmacology research services in a range of study models with a specialisation in non-human primates including reproduction toxicology, juvenile toxicology, disease modelling and safety pharmacology via telemetry, supported by comprehensive in-house analytical and pathology services, including analytical cytology and immunology.

THE NATIONAL LIBRARY OF MEDICINE

6707 Democracy Blvd.
Bethesda
www.nlm.nih.gov

The National Library of Medicine provides FREE Internet access to its toxicology, chemical, and environmental health information resources at http://tox.nlm.nih.gov. These resources include the TOXNET® (TOXicology data NETwork) databases; Haz-Map, an occupational diseases database; Tox Town, an interactive guide to commonly encountered toxic chemicals and environmental health risks; and MedlinePlus®, a Web site containing consumer information on poisoning, toxicology, and environmental health.

TRINOVABIOCHEMGMBH

Kerkrader Str. 10
35394 Gießen/Germany
Phone: +49 (0) 641 9 43 90-0
Fax: +49 (0) 641 9 43 90-22
www.trinova.de
info@trinova.de

TRINOVA Biochem GmbH offers reagents for Ames and Ames IITM test. All important reagents for Genetic and in vitro Toxicology in European stock: Lyophilized and frozen metabolic activation products S9 (human, rat, mouse and hamster), Prepared Plated & Bottled Media, Minimal Glucose Agar Plates, Controlchem™ Positive Controls, NADPH Regenerating System Reagents, lyophilized Bacterial Strains (required by the OECD Guideline 471). Please visit our booth at the IUTOX 2010 or contact us for more information: info@trinova.de.
TUPY MANUFACTURING

tup@btconnect.com

HISTOLOGY \ LONGTERM ARCHIVE \ HISTOPATHOLOGY

- GLP Compliant, timely, security conscious, quality service founded by two of the most experienced toxicological veterinary pathologists in Europe with 35 years histology laboratory management.
- Occupying an extensive purpose-built laboratory allowing clean and orderly slide production - wet tissue to stained slide
- Door to door collection/delivery available for wet tissue packed and securely sealed in TUPI steel containers
- Slide evaluation and report production
- Continuous in house Quality Assurance on every study
- Preparation for Long Term Archiving of tissue/blocks and raw data

TSE-SYSTEMS

www.TSE-Systems.com
Contact: Dr. Walter Foerster / Sales Manager Europe

TSE Systems is a leading supplier of sophisticated research instrumentation in the global life science market since 1954. Our focus is on providing the total customer solution including expandable, integrated hardware and software platforms for in-vivo studies in neuroscience, phenotyping, drug screening and toxicology. We also offer complete automated systems for inhalation toxicology.

An interdisciplinary team of scientists and engineers provide regular innovations, optimizing TSE products as well as develop new approaches. NEW IN DEVELOPMENT: See our TSE Cell Culture Exposure System for simultaneous exposure of cell cultures to either aerosols or vapors in up to 4 separate exposure units.

VITROCELL Systems GmbH

Contact: Mr. Tobias Krebs
VITROCELL Systems GmbH
Fabrik Sonntag 3, 79183 Waldkirch / Germany
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Mobile: +49 (0) 172-60 40 370
info@vitrocell.com
http://www.vitrocell.com

VITROCELL® is specialised in the development, manufacturing, sales and service of innovative cultivation and exposure systems for in vitro studies using cells or bacteria. VITROCELL® modules are specially designed for the analysis of gases, environmental atmospheres, nano particles and complex mixtures (e.g. cigarette smoke and diesel exhaust) at the air/liquid interface. The product program includes gas mixing devices, aerosol generators, dilution systems and equipment for dose control. All can be integrated in turnkey cultivation and exposure systems.

The customers of VITROCELL® are leading medical and environmental research institutes as well as pharmaceutical and other industries.

VIVOTECNIA

Parque Tecnológico de Madrid
28760 Tres Cantos
Madrid – España

e-mail: info@vivotecnia.com

Vivotecnia is a preclinical CRO specialized in Toxicology and PK for product registration according to international regulatory requirements. We offer a wide portfolio of studies under GLP standards, from rodents (mouse, rat, guinea pig) to larger animals (dog, mini pigs and sheep), through different administration routes: from commonly used (oral, intraparenchinal) to the more elaborated (inhalation or dermal) and up to different repeated dose durations.

We have extensive experience performing:

- Nose-only and whole-body inhalation studies in rats and mice.
- Dermal toxicity studies in rabbits and mini pigs.
- Ophthalmic toxicity studies in rabbits.
- Pharmacokinetics studies in mice, rats, dogs and mini pigs.
- Tumorigenesis for cell therapy.
- Behavior models such as Morris Water Maze and Object Recognition.
- Non-regulatory carcinogenesis studies (Skin carcinogenesis).

For further information please visit our website at: www.vivotecnia.com

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GENERAL INFORMATION

Technical Secretariat at the Venues and On-site registration desk will be open during congress hours.

Registration fee covers:
- Delegates registration
- Attendance to all sessions
- Congress documentation
- Attendance certificate
- Coffee break
- Lunches
- Welcome reception

Accompanying person registration:
- Welcome reception
- Panoramic tour with lunch on the 21st July

Posters Presentation:
Posts must be allocated from 08:30 to 09:00 a.m. the same date of your presentation. Posters will be exposed in the Exhibition Area during all day. Please check date and presentation time in the program.

Posters should be hang off before 18:00 h. the same date of your presentation, otherwise will be eliminated.

Social Events
Monday, July 19
20.00 Welcome Reception at the exhibition area

Wednesday, July 21
Panoramic Tour with lunch for the accompanying people registered
Departure at 10.00 h. from the Venue (outside the venue will be the couches)

Thursday, July 22
20.30 Gala dinner at Fira Palace hotel
Address: Rius y Taulet
No transfers will be provided

Official Language
The official language of the Congress is English. NO simultaneous translation will be provided.

Badges and Security
It is Essentials that you wear your personal badge at all times while in the Congress venue and during the Social Events, as it is the official Entrance pass to scientific sessions and other congress activities. For the Social Events, it will also be necessary to present the corresponding ticket.
Medical Assistance and Insurance

Participants are advised to make their own arrangements regarding travel insurance and medical assistance during the congress. Neither the Organization nor the Congress Secretariat are able to accept any responsibility whatsoever for damage or injury to persons or their belongings during the Congress.