Scientific Program
Day 1  October 24, 2016

Olimpica 2

08:30-10:00  Registrations

Opening Ceremony

Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker, Institution</th>
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<tbody>
<tr>
<td>08:55-09:00</td>
<td>Introduction</td>
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</tr>
<tr>
<td>09:00-09:25</td>
<td>Title: Exposomics and systems medicine, two sides of the same coin</td>
<td>Stefano Bonassi, IRCCS San Raffaele Pisana, Italy</td>
</tr>
<tr>
<td>09:25-09:50</td>
<td>Title: Toxicology studies and results for determining safety of a novel anti-neutropenic factor–ANF-Rho™</td>
<td>Hemant Misra, Prolong Pharmaceuticals, USA</td>
</tr>
<tr>
<td>09:50-10:15</td>
<td>Title: The metabolism and pharmacokinetics of steviol glycosides and their impact on the ADI</td>
<td>Ashley Roberts, Intertek Scientific &amp; Regulatory Consultancy, Canada</td>
</tr>
<tr>
<td>10:15-10:40</td>
<td>Title: Environmental exposures, gene polymorphisms and breast cancer risk</td>
<td>Eva Cecilie Bonefeld-Jørgensen, Aarhus University, Denmark</td>
</tr>
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Session 1:

Occupational Toxicology | Nano Toxicology

Session Chair: Ashley Roberts, Intertek Scientific & Regulatory Consultancy, Canada
Session Co-chair: Vesna Matovic, University of Belgrade, Serbia

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<tbody>
<tr>
<td>10:55-11:15</td>
<td>Title: Nanomedicines in the European translational process</td>
<td>Susanne Bremer Hoffmann, Joint Research Centre-European Commission, Italy</td>
</tr>
<tr>
<td>11:15-11:35</td>
<td>Title: Development of novel targeted therapies for triple negative breast cancer: Targeting EF2-kinase</td>
<td>Bulent Ozpolat, University of Texas, USA</td>
</tr>
<tr>
<td>11:35-11:55</td>
<td>Title: Change of rodent carcinogenicity testing</td>
<td>Gerd Bode, University of Gottingen, Germany</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>Title: Attenuation of adverse health effects of metallic nanoparticles with innocuous bioprotectors: Mechanistic hypotheses and experimental results</td>
<td>I A Minigalieva, The Medical Research Center for Prophylaxis and Health Protection in Industrial Workers, Ekaterinburg, Russia</td>
</tr>
<tr>
<td>12:15-12:35</td>
<td>Title: Blood cancers from environmental exposure near an oil refinery</td>
<td>James Dahlgren and Patrick Talbott, USA</td>
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Lunch Break 12:35-13:20 @ Hotel Restaurants

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<tr>
<td>13:20-13:40</td>
<td>Title: Urine sediment as DNA source in the study of susceptibility biomarkers</td>
<td>Pieranna Chiarella, Istituto nazionale Assicurazione Infortuni sul Lavoro, Monte Porzio, Italy</td>
</tr>
<tr>
<td>13:40-14:00</td>
<td>Title: Oxidized graphene exhibits toxicity toward single-celled eukaryotes</td>
<td>Yazan Akkam, Yarmouk university, Jordan</td>
</tr>
<tr>
<td>14:00-14:20</td>
<td>Title: Crime, re-offense and substance abuse of patients with severe mental disorder</td>
<td>José Fernando Santos Almeida, Instituto Universitário da Maia, Portugal</td>
</tr>
<tr>
<td>14:20-14:40</td>
<td>Title: The insect repellent N,N-diethyl-m-toluamide (DEET) induces angiogenesis via allosteric modulation of the M3 muscarinic receptor in endothelial cells</td>
<td>Samuel Legeay, University of Angers, France</td>
</tr>
</tbody>
</table>
Title: Targeted screening of succinic semialdehyde dehydrogenase deficiency (SSADHD) employing an enzymatic assay for γ-hydroxybutyric acid (GHB) in biofluids
Cédric Wernli, University of Applied Science and Arts, Switzerland

Session 2:
Drug Toxicology | Human & Health Toxicology | Toxicologic Pathology
Session Chair: Yiqun Deng, South China Agricultural University, China
Session Co-chair: Mahmoud M El Mas, Alexandria University, Egypt

15:00-15:20
Title: Characterization and regulation of the expression of drug transporters in human skin
Hanan Osman Ponchet, DMPK Research, France

15:20-15:40
Title: Vancomycin-induced skin eruption with susceptibility alleles to SJS/TEN
Liping Yang, Beijing Hospital, Dongcheng, P R China

15:40-16:00
Title: Kidney cell assays for in vitro safety profiling of single stranded oligonucleotides
Marcel Gubler, F. Hoffmann-La Roche Ltd, Switzerland

Networking and Refreshment Break 16:00-16:15 @ Foyer

16:15:16:35
Title: East Indian sandalwood oil (EISO) alleviates inflammatory and proliferative pathologies of psoriasis
Manju Sharma, Vancouver Prostate Centre, Canada

16:35-16:55
Title: Fall in leukocyte count for monitoring of immunosuppressive and anti-cancer drug therapy
Frieder Keller, University Hospital Ulm-University of Ulm, Germany

16:55-17:15
Title: Evaluation of the effects of experimental PCB toxication on oxidative and antioxidative status in central nervous systems tissues and the protective effect of curcumin
Halef Okan Dogan, Cumhuriyet University, Turkey

Session 3:  
Pharmacology & Toxicology | Food Toxicology
Session Chair: Giovanni Pagano, Federico II Naples University, Italy
Session Co-chair: Qing Xia, National Center of Biomedical Analysis, China

17:15-17:35
Title: Natural and synthetic cannabinoids: The good, the bad, and the tragic
Anna Radominska Pandya, University of Arkansas for Medical Sciences, USA

17:35-17:55
Title: Endothelin modulation of the cyclosporine/NSAIDs cardiovascular and renal interactions
Mahmoud M El Mas, Alexandria University, Egypt

17:55-18:15
Title: Effect of exposure area on nerve agent absorption through skin in vitro
Christopher Dalton, Defence Science and Technology Laboratory, UK

18:15-18:35
Title: Folic acid and vitamin B₁₂ as possible panacea against nicotine induced pancreatic β-cell apoptosis and dysfunction
Sandip Mukherjee, Serampore College, India

18:35-18:55
Title: Guidance on the selection of cohorts for extended one-generation reproduction toxicity study (OECD 443)
Alan Poole, European Centre for Ecotoxicology & Toxicology of Chemicals, Belgium

Panel Discussions
**Keynote Forum**

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>08:25-08:30</td>
<td>Introduction</td>
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<tr>
<td>08:30-08:55</td>
<td>Title: Modulation of cigarette smoke lung carcinogenesis: The experimental background</td>
<td>Silvio De Flora, University of Genoa, Italy</td>
</tr>
<tr>
<td>08:55-09:20</td>
<td>Title: Mitochondrial biogenesis protects animal cells from T-2 toxin</td>
<td>Yiqun Deng, South China Agricultural University, China</td>
</tr>
<tr>
<td>09:20-09:45</td>
<td>Title: Rare earth elements as novel environmental contaminants: Current knowledge and research priorities</td>
<td>Giovanni Pagano, Federico II Naples University, Italy</td>
</tr>
<tr>
<td>09:45-10:10</td>
<td>Title: Role of altered adult neurogenesis in manganese-induced Parkinsonian disorder</td>
<td>Wei Zheng, Purdue University, USA</td>
</tr>
<tr>
<td>10:10-10:35</td>
<td>Title: The nanotoxicological influence of nanoparticles on vascular function</td>
<td>May Azzawi, Manchester Metropolitan University, UK</td>
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**Networking and Refreshment Break 10:35-10:50 @ Foyer**

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<tr>
<td>10:50-11:15</td>
<td>Title: The miracle fruit: The next generation anti-diabetic drug in type 2 Diabetes Mellitus- A comprehensive study in animal model</td>
<td>Swamy KB, Mahsa University-Jalan Elmu Off Jalan University, Malaysia</td>
</tr>
<tr>
<td>11:15-11:40</td>
<td>Title: Preliminary results from a long-term repeat dose toxicity and toxico-kinetic study of ANF-Rho- A novel anti-neutropenic factor</td>
<td>Hemant Misra, Prolong Pharmaceuticals, USA</td>
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</tbody>
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**Sessions 1:**

**Environmental Toxicology | Risk Assessment | Metal Toxicity**

**Session Chair: Marcelo L Larramendy, National University of La Plata, Argentina**  
**Session Co-Chair: May Azzawi, Manchester Metropolitan University, UK**

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<tr>
<td>11:40-12:00</td>
<td>Title: Potentialities of synchrotron radiation (SR) fourier transform infrared microscopy (FTIRM) for environmental toxicology and pharmacology</td>
<td>Lisa Vaccari, Elettra Sincrotrone Trieste, Italy</td>
</tr>
<tr>
<td>12:00-12:20</td>
<td>Title: Effects of linuron on a rooted aquatic macrophyte in sediment-dosed test systems</td>
<td>Gertie H P Arts, Alterra Wageningen University and Research Centre, The Netherlands</td>
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**Lunch Break 12:20-13:05 @ Hotel Restaurants**

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<tr>
<td>13:05-13:25</td>
<td>Title: Nickel related <em>Staphylococcus aureus</em> infections in atopic dermatitis</td>
<td>Anna Magdalena Bogdali, Jagiellonian University Medical College in Krakow, Poland</td>
</tr>
<tr>
<td>13:25-13:45</td>
<td>Title: Coal-burning type of endemic fluorosis in China – From basic research to clinic prevention</td>
<td>Zhi-Zhong Guan, Guizhou Medical University, P. R. China</td>
</tr>
<tr>
<td>13:45-14:05</td>
<td>Title: Assessment of levels of heavy metals in fluted pumpkin (<em>Telfairia occidentalis</em>) leaves planted at varying distances away from mega refueling service stations in Nigeria</td>
<td>Uduak Luke, University of Uyo Teaching Hospital, Nigeria</td>
</tr>
<tr>
<td>14:05-14:25</td>
<td>Title: $^{137}$Cs in soil and milk in the region of Zagreb, Croatia</td>
<td>Branko Petrinec, Institute for Medical Research and Occupational Health, Croatia</td>
</tr>
<tr>
<td>14:25-14:45</td>
<td>Title: Converging effects of a PCB mixture, bisphenol A and chlorpyrifos on the expression of genes regulating neural progenitor identity, interneuron development and gliogenesis in developing rat hippocampus</td>
<td>Walter Lichtensteiger, GREEN Tox, Switzerland</td>
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**Workshop on Toxicology of Mixtures**

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<tr>
<td>14:45-15:15</td>
<td>Title: Co-treatment with PCBs potenciates Cd nephrotoxicity</td>
<td>Vesna Matovic, University of Belgrade, Serbia</td>
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</tbody>
</table>
Sessions 2:
Genetic Toxicology | Toxicology Testing | Forensic Toxicology
Session Chair: Stefano Bonassi, IRCCS San Raffaele Pisana, Italy
Session Co-Chair: Wei Zheng, Purdue University, USA

Session Introduction

15:15-15:35
Title: Mechanistic study of TEMPO-associated oxidative stress and genotoxicity
Nan Mei, National Center for Toxicological Research, USA

15:35-15:55
Title: Pharmacokinetic studies of protein drugs and assessment of their metabolism
Eric Ezan, Health Technology Program-CEA, France

Networking and Refreshment Break 15:55-16:10 @ Foyer

16:10-16:30
Title: A 52-week safety study in Cynomolgus macaque for genetically modified rice expressing Cry1Ab/1Ac protein
Qing Xia, National Center of Biomedical Analysis, China

16:30-16:50
Title: Fifteen years’ experience treating cells with inorganic arsenic, a molecule able to induce genetic/genomic instability and epigenetic changes even after its removal
Fabio Caradonna, University of Palermo, Italy

16:50-17:10
Title: mRNA and miRNA expression patterns associated to pathways linked to metal mixture health effects
Jesús Rojas E, Universidad Nacional Autonoma de Mexico, Mexico

17:10-17:30
Title: Computational prediction of interaction of lumefantrine with human topoisomerase II beta complexed to DNA
Carmen Lucia Bassi Branco, Federal University of Mato Grosso, Brazil

Forum: 17:30-18:30
Dialogue with the Experts
A forum aimed to answer common questions to prevent laboratory chaos
Moderated By
Stefano Bonassi, IRCCS San Raffaele Pisana, Italy
Marcelo L Larramendy, National University of La Plata, Argentina

Day 2 October 25, 2016
Olimpica 3

Break Out Session

11:40-12:00
Title: Modulation of drug metabolizing enzymes by dietary doses of sulforaphane; role in its anti-hypertensive and anti-oxidant effect in spontaneously hypertensive rats
Fawzy Elbarbry, Pacific University, USA

12:00-12:20
Title: Reactive oxygen species (ROS), oxidative stress and antioxidants: Enzyme mimetic selenium compounds as redox regulators
Govindasamy Mugesh, Indian Institute of Science, India

12:20-12:40
Title: Toxicology of polymeric biomaterials: A regulatory approach
Mohanan PV, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India

Lunch Break 12:40-13:25 @ Hotel Restaurants

Sessions 1:
Pharmacological and Toxicological Methods | Systems Pharmacology | Toxicovigilance
Session Chair: Swamy KB, Mahsa University-Jalan Elmu Off Jalan University, Malaysia
Session Co-Chair: Fawzy Elbarbry, Pacific University, USA

Session Introduction

13:25-13:45
Title: Dark purple glutinous rice Var. Luem Pua tea prevents DSS-induced colitis in mice
J Sattayasai, Khon Kaen University, Thailand
Title: A new pegylated recombinant E.coli L-asparaginase preparation (MC0609): Comparative pharmacokinetic/pharmacodynamic characterisation in Beagle dog and influence of anti-PEG IgM antibodies on the pharmacokinetics in B6D2F1 mice
Poppenborg Sabine M, Medac GmbH, Germany
Title: CCR-2 neutralization augments murine fresh bone marrow cells activation by S. aureus via ROS production and cytokine response
Ajeya Nandi, University of Calcutta, India
Title: Changes in rat urinary heme metabolites predict the magnitude of the neurotoxic effects induced by a mixture of lead, arsenic and manganese
Vanda Maria Falcão Espada Lopes de Andrade, Universidade de Lisboa, Portugal
Title: X-ray fluorescence imaging in toxicology
Yulia Pushkar, Purdue University, USA
Title: Effect of soy bean on histomorphometric parameters of stomach and biochemical factors of blood serum in animal model
Simin Fazelipour, Islamic Azad University, Iran

Sessions 2:
Pharmacology | Current Advances
Session Chair: Lisa Vaccari, Elettra Sincrotrone Trieste, Italy
Session Co-Chair: Alan Poole, European Centre for Ecotoxicology & Toxicology of Chemicals, Belgium

Title: From the lungs to the brain: The fantastic voyage of nanoparticles targeting beta-amyloid (Aβ)
Giulio Sancini, University of Milano, Italy
Title: BTEX is implicated in gasoline-induced oxidative stress in male albino Wistar rats
Friday E Uboh, University of Calabar, Nigeria

Networking and Refreshment Break 16:05-16:20 @ Foyer

Title: Pre-activation of acetylcholine M3 receptor leads to cannabinoid type 1 receptors regulation: A new cross talk mechanism involving intracellular calcium mobilization in SH-SYSY human neuroblastoma cells
Pietro Marini, University of Aberdeen, UK3
Title: Determination of some blood hydrocarbons contents, oxidative stress markers and haematological indices of rats orally exposed to bonny light crude oil
Saviour U Ufot, University of Calabar, Nigeria
Title: Nutraceuticals for hypertension care: A network based approach
Matteo Micucci, University of Bologna, Italy
Title: Effects of lornoxicam and intravenous ibuprofen on erythrocyte deformability liver and renal blood flow in rats
Ayşegül Küçük, Kütahya Dumlupinar University, Turkey
Title: The effect of proton pump inhibitors on bone mineral density in rats
Layla Ezzat Borham, Umm Al-Qura University, Saudi Arabia
Title: Beneficial effects of phloretin on oxidative and inflammatory reaction in rat model of cecal ligation and puncture induced sepsis
Omid Sabzevari, Tehran University of Medical Sciences, Iran
Title: Carbon monoxide modulates infection-induced proinflammatory cytokine milieu in human placenta
Nazeeh Hanna, Winthrop University Hospital, USA
Title: Flavonoid effects on antihypertensive pharmacological therapy: Modulation on lipid profile, inflammation and association of ACE (I/D) polymorphism in treatment response
Marina M de Jesus Romero-Prado, Centro Universitario de Ciencias de la Salud, Mexico
ET01  Title: Evaluation of oxidative stress, cytotoxic and DNA damaging effects of terbutylazine in human peripheral blood lymphocytes *in vitro*
Ana Lucić Vrdoljak, Institute for Medical Research and Occupational Health, Croatia

ET02  Title: Potential toxicity of alkaline earth silicate wools (AESW) for thermal insulation: Evaluation of cyto-genotoxic and inflammatory effects on human lung cells
Cinzia Lucia Ursini, Italian Workers’ Compensation Authority, Monteporzio Catone, Italy

ET03  Title: Study of the genotoxic effects induced by two kinds of silica nanoparticles on human bronchial (BEAS-2B) epithelial cells
Delia Cavallo, Italian Worker’s Compensation Authority, Monteporzio Catone, Italy

ET04  Title: Gene polymorphisms of selected biotransformation enzymes and lung cancer development with respect to chromium exposure
E Halasova, Comenius University in Bratislava, Slovakia

ET05  Title: Acute toxicity and the effects of copper sulphate (CuSO₄·5H₂O) on the behavior of the grey mullet (*Mugil cephalus*)
Elnaz Erfanifar, Offshore Fisheries Research Center Chabahar, Iran

ET06  Title: K⁺ channel blocker-induced neurodegenerative model: Pharmaco-immunomodulation effect of an antioxidant drug
Fatima Laraba-Djebari, University of Science and Technology Houari Boumediene, Algeria

ET07  Title: Protective effect of diterpene manool on genotoxicity induced by doxorubicin in Swiss mice
Heloiza Diniz Nicollella, University of Franca, Brazil

ET08  Title: Pesticide toxicogenomics across scales: Gene expression profiling *in vitro* predicts mechanisms of thyroid toxicity and other exposure outcomes *in vivo*
Porreca Immacolata, Biogem Research Institute, Italy

ET09  Title: Repair of the mutagenic DNA lesion O6-CMG in human colon epithelial cells
J Döhring, University of Veterinary Medicine Hannover, Germany

ET10  Title: The effect of cilostazol on the pharmacokinetics of simvastatin in healthy Korean volunteers: *In vitro* time dependent inactivation of cilostazol and its active metabolite, OPC-13015
Jee Sun Min, Catholic University of Korea, Bucheon, Republic of Korea

ET11  Title: Evaluation of the *in vitro* inhibitory potentials of various dietary supplements against ten UDP-glucuronosyltransferase
Jiseon Kim, Catholic University of Korea, Bucheon, Republic of Korea

ET12  Title: Assessing potential drug-drug interactions of BST204 with anti-cancer drugs (5-fluorouracil, irinotecan, tamoxifen) using *in vivo* rat models
Jung Ho Kim, Catholic University of Korea, Bucheon, Republic of Korea

ET13  Title: Antioxidant properties of Algerian medicinal plant Matricaria pubescens on CCL₄-induced liver toxicity in rats
Kermandji Mohamed Azed, University of Constantine, Algeria

ET14  Title: Antioxidant activity and preventive possibility of Algerian medicinal plant Matricaria pubescens on hepatic toxicity
Khelifi Touhami Fatima, University of Constantine, Algeria

ET15  Title: The effects of glycryrrhetic acid derivatives on picrotoxin-induced epileptiform activity
M Ömer Bostanci, Hitit University, Turkey

ET16  Title: *In vitro* assessment of genotoxic and clastogenic/anegenic potential of *Crataegus oxyacantha* L. (Rosaceae) fruits extract
Edson Luis Maistro, Sao Paulo State University, Brazil

ET17  Title: Estimation of thyroid hormone, i.e. total T⁴ in the toxicity study according to OECD guideline No. 422
Małgorzata Przybyła, Institute of Industrial Organic Chemistry, Poland
ET18  Title: The protective effect of Apocynin on Ochratoxin induced nephrotoxicity in rats  
    Maria Valeria Puzio, University of Naples Federico II, Italy

ET19  Title: General patterns and some peculiarities of organism’s defensive and pathological responses to impacts of different metallic and metal oxides nanoparticles: A synopsis of results obtained in animal experiments  
    Marina P Sutunkova, The Ekaterinburg Medical Research Center for Prophylaxis and Health Protection in Industrial Workers of the Rospotrebnadzor, Russia

ET20  Title: Effects of tembotrione herbicide on cytotoxic, genotoxic and biochemical markers in HepG2 cell line  
    Mirta Milić, Institute for Medical Research and Occupational Health, Croatia

ET21  Title: Effects of titanium nanoparticles on some blood parameters in female Wistar rats  
    Mustafa Canli, University of Cukurova, Turkey

ET22  Title: Cytotoxicity of nanoparticles from extracts of Tetradenia riparia: A preliminary evaluation  
    Nisha Singh, University of KwaZulu-Natal, South Africa

ET23  Title: The involvement of Na+K+2Cl- co-transporter in the development of renal chronic failure  
    Sara Damiano, University of Naples Federico II, Italy

ET24  Title: Toxicokinetics and bio-distribution of PEGylated nanographene in mice  
    Syama S, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India

ET25  Title: Skin on a chip based alternatives to animal testing for categorizing irritant chemicals and non-irritant chemicals  
    Tae Hyun Choi, Seoul National University, South Korea

ET26  Title: Methylglyoxal-induced apoptosis is dependent on the generation of reactive oxygen species through the down-regulation of c-FLIPL expression in HUVECs  
    Tae Jin Lee, Yeungnam University, Korea

ET27  Title: Gene polymorphisms of the phase II detoxification enzymes and genotoxicity in shoe manufacturing personnel  
    Tatiana Matakova, Comenius University in Bratislava, Slovak

ET28  Title: Contribution of cholinergic and dopaminergic disarrays to motor activity changes induced by exposure to a mixture of metals  
    Vanda Maria Falcão Espada Lopes de Andrade, Universidade de Lisboa, Portugal

ET29  Title: Enantiospecific effects of sibutramine enantiomers on cytochrome P450 inhibition in vitro  
    Yu Fen Zheng, Catholic University of Korea, Bucheon, Republic of Korea

ET30  Title: Neonatal chlorpyrifos exposure induces loss of dopaminergic neurons in young adult rats  
    Yuan-ying Deng, Third Xiangya Hospital of Central South University, P R China

ET31  Title: Histometric and histochemical study on thymus and lymph nodes in mice after using ritalin  
    Zahra Tootian, University of Tehran, Iran

ET32  Title: Are paraoxonase activities a marker of changes in the liver of healthy women caused by the use of oral contraceptives?  
    Halina Milnerowicz, Wroclaw Medical University, Poland

ET33  Title: Changes in lipid profile and paraoxonase activities in the blood of non-smokers and smokers aged ≥35 years in first trimester of pregnant women  
    Halina Milnerowicz, Wroclaw Medical University, Poland

ET34  Title: In vitro study of the effect of organophosphorus pesticide malathion in antioxidant enzymes activity in human erythrocytes from inhabitants of Northern of Sinaloa State, in Mexico  
    Xiomara Patricia Perea-Domínguez, National Polytechnic Institute, Mexico

ET35  Title: Are gene polymorphisms and AMH level good predictors of poor ovarian response in Egyptian women undergoing ICSI cycles?  
    Tarek M K Motawi, Cairo University, Egypt

ET36  Title: The in vivo effects of adenine-induced chronic kidney disease on some renal and hepatic function and CYP450 metabolizing enzymes  
    Mohammed Al Za’abi, Sultan Qaboos University, Oman
Day 3  October 26, 2016

Olimpica 2

Keynote Forum

08:25-08:30  **Introduction**

08:30-08:55  **Title: Developmental lead exposure of children in China**  
  Jingyuan Chen, Fourth Military Medical University, China

08:55-09:20  **Title: Recent advances in the determination of elemental impurities in pharmaceuticals and drugs: Status, challenges and moving frontiers**  
  V Balaram, National Geophysical Research Institute-CSIR, India

Sessions 1:

Clinical Toxicology | Reproductive Toxicology

Session Chair: Eva Cecilie Bonefeld-Jørgensen, Aarhus University, Denmark  
Session Co-Chair: Jikai Wen, South China Agricultural University, China

**Session Introduction**

09:20-09:40  **Title: COX2 inhibition decreases ischemic damage to rat retina—function or structure**  
  Yoram Oron, Tel Aviv University, Israel

09:40-10:00  **Title: Activation of the estrogen receptor by human serum extracts containing mixtures of perfluorinated alkyl acids from pregnant women's serum**  
  Christian Bjerregaard-Olesen, Aarhus University, Denmark

10:00-10:20  **Title: Tamoxifen and its derivatives bind to and act at cannabinoid receptors CB1 and CB2 with high affinity**  
  Anna Radominska Pandya, University of Arkansas for Medical Sciences, USA

Networking and Refreshment Break  10:20-10:35 @ Foyer

10:35-10:55  **Title: Beta-blockers and sperm function**  
  Banihani S A, Jordan University of Science and Technology, Jordan

10:55-11:15  **Title: Individualised clinical toxicology: Physiological intermolecular modulation spectroscopy (PIMS), a technology to forsee drugs efficacy prior to administration**  
  Pierre Eftekhari, Inoviem Scientific, France

11:15-11:35  **Title: The utility of the minipig as an animal model in regulatory toxicology**  
  Gerd Bode, University of Gottingen, Germany

11:35-11:55  **Title: Dioxin-like POPs: Induced aryl hydrocarbon receptor transactivity in the Danish pregnant women**  
  Manhai Long, Aarhus University, Denmark

11:55-12:15  **Title: Genotypic and phenotypic patterns of antimicrobial susceptibility of Helicobacter pylori strains among Egyptian patients**  
  Marwa Saad Fathi, Ain Shams University, Egypt

12:15-12:35  **Title: Neuropharmacological and cochleotoxic effects of styrene can worsen the noise impact**  
  Pierre Campo, Institut National de Recherche et de Sécurité, France

Lunch Break 12:35-13:20 @ Hotel Restaurants

Young Researchers Forum

13:20-13:40  **Title: Proposed criteria for the evaluation of the scientific quality of mandatory rat and mouse feeding trials with whole food/feed derived from genetically modified plants**  
  Kerstin Schmidt, BioMath GmbH, Germany

13:40-14:00  **Title: The effect of the first- and second-generation of antipsychotic drugs on SH-SY5Y brain cells and their toxicity**  
  Israa J Hakeem, University of Birmingham, UK

14:00-14:20  **Title: Concomitant exposure of bacoside A and bromelain relieves dichlorvos toxicity in mice serum**  
  Sonam Agarwal, Banasthali University, India
Title: Determination of chromium by ETAAS in hair and urine of tannery workers: The interest of alternative biological matrices
Mohammed Riffi, CHU Bab el Oued, Algérie

Title: Flexibility for automated cell based assays
Lena Schober, Fraunhofer Institute for Manufacturing Engineering and Automation IPA, Germany

Title: Acute toxicity test of dichromate potassium (K₂Cr₂O₇) in grey mullet (Mugil cephalus)
Abdolreza Jahanbakhshi, Gorgan University of Agricultural Sciences and Natural Resource, Iran

Title: Biological effects of nanoparticles on fish
Zeinab H Arabeyyat, University of Hull, UK

Title: Anti-inflammatory effect and toxicology analysis of oral delivery quercetin nanosized emulsion in rats
Gabriela Hädrich, Universidade Federal do Rio Grande, Brazil

Video Presentation
Title: Molecular nanoprobes and nanosensors: A new generation of biosensing nanoplatforms for toxicological and biomedical monitoring
Tuan Vo Dinh, Duke University, USA

Networking and Refreshment Break @ Foyer