Scientific Program

2nd World Congress on
Toxicology & Applied Pharmacology

June 03-04, 2019 | Berlin, Germany
Day 1 June 03, 2019
Meeting Room

09:00-09:30 Registrations
09:30-10:00 Introduction & Opening Words
Honorary Speech by Chair and Co-chair of the Conference

Plenary Forum

10:00-10:40 Title: Evaluation of Risks from Real Life Exposures in 21st Century the Ageing Process and its Modulation
Aristides Tsatsakis, University of Crete, Greece

10:40-11:20 Title: Adverse Drug Reactions: Adverse Drug Reactions: Inter-individual Differences and Managing their Risks in Drug Discovery and Development
Nico P.E. Vermeulen, VU University, Netherlands

Refreshments Break 11:20-11:35 @ Foyer

11:35-12:15 Title: Toxicity Study of Photovoltaic Perovskites
Laszlo Forro, Laboratory of Physics of Complex Matter, Switzerland

Keynote Forum

12:15-12:45 Title: Prenatal Phthalate Exposure, Oxidative Stress-Related Genetic Vulnerability and Early Life Neurodevelopment: A Birth Cohort Study
Anne-Louise Ponsonby, University of Melbourne, Australia

12:45-12:50 Group Photo

Lunch Break 12:50-13:45 @ Restaurant

13:45-14:15 Title: Neurotoxicology of Lindane: Focus on its Convulsive Activity
Olivera Stanojlovic, University of Belgrade, Serbia

14:15-14:45 Title: Environmental Risk Assessment of Heavy Metal in Surface Dust Caused by E-waste Recycling Activities
Anamika Tripathi, Hindu College, India

14:45-15:15 Title: Polyoxometalates as Promising Drugs: Toxicological Aspects
Danijela Z. Krstic, University of Belgrade, Serbia

15:15-15:45 Title: In Vitro Toxicity Evaluation of Metal Based Compounds
Mirjana B. Colovic, University of Belgrade, Serbia

Refreshments Break 15:45-16:00 @ Foyer

Oral Session

Session 1
Clinical & Medical Toxicology | Toxicology Risk Assessment | Human and Health Toxicology
Session Chair Nico P.E. Vermeulen, VU University, Netherlands

16:00-16:20 Title: Silicone Toxicity, A Familiar Toxin in the Kidney Microvasculature
Nikolas Harbord, Mount Sinai Beth Israel / Icahn School of Medicine, USA

16:20-16:40 Title: Glyphosate Toxicology Considerations
Thomas C Mueller, University of Tennessee, USA

16:40-17:00 Title: Mechanism of Classical and Synthetic Cannabinoids Toxicity: Role of Cannabinoid Receptors CB1 and CB2
Anna Radominska-Pandya, University of Arkansas for Medical Sciences, USA

Oral Session

Session 2
Environmental Toxicology | Pharmaceutical Toxicology | Metallic Toxicology
Session Chair Laszlo Forro, Laboratory of Physics of Complex Matter, Switzerland

17:00-17:20 Title: Sub Lethal Effects of Metals on P. Patulus, an Aquatic Micro-Invertebrate
Judith Virginia Rios Arana, Autonomous University of Ciudad Juarez, Mexico

17:20-17:40 Title: Elemental Analysis for the Investigation of the Presence of Lead (Pb) in Glass-Vial Ampoules
Constantinos Kousoulos, Qualimetrix Analytical laboratories, Greece

17:40-18:00 Title: An Epigenome-Wide Study of Human Peripheral Leukocytes DNA Methylation in Relation to Hexavalent Chromium Exposure
Jianlin Lou, Zhejiang Academy of Medical Sciences, China

Panel Discussion

Closing the Conference for the Day 1
Day 2 June 04, 2019
Meeting Room
Workshop Session

09:30-10:30  Title: A Novel Strategy Reverses Course in Chronic Lymphocytic Leukemia
Jerry E Blythe, Fybrinet, Inc., Greece

Oral Sessions

Microbiology and Toxicology | Reproductive and Developmental Toxicology
Jerry E Blythe, Fybrinet Inc, Greece

Session 3
Session Chair
10:30-10:50  Title: Toxicology and Cancer
Jens Christian Larsen, Retired Assistant Professor, The Royal Veterinary and Agricultural University of Denmark, Denmark

10:50-11:10  Title: Analysis of Nanoparticles-Induced Biological Effects for Ensuring Safety
Kazuma Higashisaka, Osaka University, Japan

Refreshments Break 11:10-11:25 @ Foyer

11:25-11:45  Title: Low-Dose Bisphenol A Promotes Proliferation of Prostate and its Mechanism
Jianhui Wu, Shanghai Institute of Planned Parenthood Research, China

Session 4
Session Chair
11:45-12:05  Title: Damage to the Nervous System with Phthalates - A Problem of Modern Society
Wlodzislaw Kulinski, Department of Rehabilitation Military Medical Institute, Warsaw, Faculty of Medicine, JK University, Kielce, Poland

12:05-12:25  Title: Effects of Environmental Pollutants with Endocrine Disruptor Activity on Thyroid Cancer Onset
Lucia Grumetto, University of Naples Federico II, Italy

12:25-12:45  Title: Inhibition of 5α-Reductase as a Therapeutical Approach – New Perspectives in Neuroprotection in Thioacetamide-Induced Hepatic Encephalopathy
Dusan Mladenovic, University of Belgrade, Serbia

12:45-13:05  Title: TLR4 is Essential for the Expression of Sphingosine-1-Phosphahte-Dependent Asthma-Like Disease in Mice
Fiorentina Roviezzo, University of Naples Federico II, Italy

Lunch Break 13:05-14:00 @ Restaurant

Session 5
Session Chair
14:00-14:20  Title: Carcinogenicity Assessment : Review of ICH Guidelines S 1 B and S 1 A / Status of Recommendations
Gerb Bode, University of Goettingen, Germany

14:20-14:40  Title: The Effects of Micromolar Cadmium Ions Concentration on Electrophysiological Properties of Proximal Tubular Cells of Frog Kidney
Jelena Nesovic-Ostojic, University of Belgrade, Serbia

14:40-15:00  Title: Identifying the Major Contributing Sources to the Oxidative Potential of Ambient Fine Particulate Matters (PM2.5) In Athens, Greece
Constantinos Sioutas, University of Southern California, USA

15:00-15:20  Title: Alteration of Cu/Zn ratio and Metal Transporter Expression Induced by Lead and Lead Melatonin Co-Administration Exposure on Rats
Minerva. Martinez-Alfaro, University of Guanajuato, Mexico

15:20-15:40  Title: Dietary Trans Fatty Acids
Snjezana Petrovic, University of Belgrade, Serbia

15:40 - 16:00  Title: Bone Marrow Mesenchymal Stem Cell-Derived Exosomes Inhibiting Silica-Induced Pulmonary Fibrosis by Attenuating Wnt/β-Catenin Signaling
Zhongjun Du, Shandong Academy of Occupational Health and Occupational Medicine, China

16:00 - 16:20  Title: DNA Repair and Damage Response in Cancer Chemotherapy
Bernd Kaina, University Medical Center, Germany

Refreshments Break 16:20-16:35 @ Foyer
Poster Presentations

P-001 Title: Genetic Loss of Gas6 Attenuates Silica-Induced Lung Inflammation and Fibrosis in Mice
Wei Li, Huazhong University of Science and Technolog, China

P-002 Title: Evaluation of Drug Induced Phototoxicity
Gerd Bode, University of Goettingen, Germany

P-003 Title: Indomethacin Incorporated to Mesoporous Silica Nanoparticle has Anti-Inflammatory Potential
Ricardo A. Furtado, University of Franca, Brazil

P-004 Title: Highly Innovative Alternative Testing Strategies in Drug Development – Are they Fit for Regulatory Purposes?
Sandra Mahr, Riegler-Klar & Partner Pharma-Consulting GbR, Germany

P-005 Title: Therapeutic Effects of Scavenger Receptor MARCO Ligand on Silica-Induced Pulmonary Fibrosis in Rats
Meng Yang, Huazhong University of Science and Technology, China

P-006 Title: Safety Assessment for New Drugs by Novel Approaches
Rolf Bass, Charite University Medicine, Germany

P-007 Title: Oral Exposure of Low-Dose Bisphenol A Promotes Proliferation of Dorsolateral Prostate and Induces Epithelial–Mesenchymaltransition in Aged Rats
Dong-Yan Huang, Shanghai Institute of Planned Parenthood Research, China

P-008 Title: Analysis of Inconsistent Results in Different GNPs Genotoxicity Studies
LiFen Chen, Shanghai Institute of Planned Parenthood Research, China

P-009 Title: Epigallocatechin-3-gallate Eets Biphasic Anticancer Effects in Urothelial Carcinoma Cells
Fu-Shun Hsu, New Taipei City Hospital, Taiwan

P-010 Title: Oxidative Stress-Mediated Apoptosis and Cytotoxicity Induced by Silica Nanoparticles in H9c2 Cells
Hua Shao, Shandong Academy of Occupational Health and Occupational Medicine, China

End of the Conference

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3rd World Summit on

Toxicology & Applied Pharmacology

June 15-16, 2020 | Saint Petersburg, Russian Federation