

145th Conference
Scientific Federation



NH Collection Berlin Mitte am Checkpoint
Charlie Leipziger Str. 106-111, 10117
Berlin, Germany



Scientific Program

2nd World Congress on

Toxicology & Applied Pharmacology

June 03-04, 2019 | Berlin, Germany



Scientific Federation

Panjagutta, Hyderabad, Telangana-500082, India

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 Radomska-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

Session 3 **Microbiology and Toxicology | Reproductive and Developmental Toxicology**
Session Chair **Jerry E Blythe, Fybrinet Inc, Greece**

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 Bishpenol A Promotes Proliferation of Prostate and its Mechanism**
Jianhui Wu, Shanghai Institute of Planned Parenthood Research, China

Session 4 **Medical and Clinical Toxicology | Environmental Toxicology | New Trends in Environmental Toxicology and Pharmacology | Pathology & Immunology**
Session Chair **Danijela Krstic, University of Belgrade, Serbia**

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 5 α -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-Phosphate-Dependent Asthma-Like Disease in Mice**
Fiorentina Roviezzo, University of Naples Federico II, Italy

Lunch Break 13:05-14:00 @ Restaurant

Session 5 **Toxicology Risk Assessment | Metallic Toxicology | Environmental Toxicology Medicine & Public Health**
Session Chair **Anamika Tripathi, Hindu College, India**

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 (PM_{2.5}) 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 Technology, 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 Eerts 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