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1780th Conference

Scientific Program

15th Euro Global Summit on

Toxicology and Applied Pharmacology

July 02-04, 2018 | Berlin, Germany



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Day 1 July 02, 2018

08:00-09:00 Registration Desk Opens

Meeting Room- Sylt 4-5

conference**series**.com 09:00-09:25

Opening Ceremony

Keynote Forum

09:25-09:30 **Introduction**

09:30-10:10 **Title: Accurate high-throughput prediction of human organ-specific toxicities**

Daniele Zink, Institute of Bioengineering and Nanotechnology, Singapore

10:10-10:50 **Title: NSAIDs attenuate agonist-evoked activation of TRP channels**

Merab G Tsagareli, I Beritashvili Center of Experimental Biomedicine, Georgia

Group photo 10:50-11:00

Networking and Refreshments Break 11:00-11:20 @ Sylt Foyer

Sessions: Toxicology | Industrial Toxicology | Occupational Toxicology | Methods for Toxicity Testing | Molecular and Biochemical Toxicology | Product Development Toxicology | Environmental Toxicology | Pharmacology

Session Chair: Alexei G. Basnakian, University of Arkansas for Medical Sciences, USA

Session Co-Chair: Frederic Deschamps, IMTECA, France

11:20-11:45 **Title: The Phenion® full-thickness skin model: A versatile tool for efficacy and toxicological testing of dermally applied compounds**

Dirk Petersohn, Henkel AG & Co KGaA, Germany

11:45-12:10 **Title: DNase-mediated toxicity in normal and cancer cells**

Alexei G Basnakian, University of Arkansas for Medical Sciences, USA

12:10-12:35 **Title: Toxic Products inducing occupational auto-immune disease**

Frederic Deschamps, IMTECA, France

Lunch Break 12:35-13:35 @ Restaurant Rienäcker

13:35-14:00 **Title: Integrating adult human primary cardiomyocytes into early cardiac safety assessment**
Najah Abi Gerges, AnaBios Corporation, USA

14:00-14:25 **Title: The mechanism of JWA protects dopaminergic neurodegeneration from paraquat in mice**

Jianwei Zhou, Nanjing Medical University, China

14:25-14:50 **Title: Dinaciclib effectively inhibits AKR1C3, a promising therapeutic target for cancer treatment**

Eva Novotna, Charles University, Czech Republic

14:50-15:15 **Title: Engineered human myocardium for Safety and Efficacy Screens of Cardioactive Compounds**

Tim Meyer, University Medical Center of Göttingen, Germany

Networking and Refreshments Break 15:15-15:35 @ Sylt Foyer

15:35-16:00 **Title: Environmental pollution and water quality criteria of perfluorinated chemicals in China**
Liu Zheng Tao, Chinese Research Academy of Environmental Sciences, China

16:00-16:25 **Title: Study of ecotoxicological effect and soil environmental criteria of heavy metal chromium (VI) in China**

Wang Xiaonan, Chinese Research Academy of Environmental Sciences, China

16:25-16:50 **Title: Nonylphenol induces metabolic syndrome in high sucrose-high fat diet-treated rats**

Yu Jie, Zunyi Medical University, China

16:50-17:15 **Title: Concentration of heavy metals in the sea food (fishes, shrimp, lobster and crabs) and the impact on human health in Saint Martin Island, Bangladesh**
Mohammad Abdul Baki, Jagannath University, Bangladesh

Panel Discussion

Day 2 July 03, 2018

Meeting Room- Sylt 4-5

Keynote Forum

09:25-09:30 **Introduction**

09:30-10:10 **Title: Distribution of specific occupational and environmental diseases induced by toxics**
Frederic J Deschamps, IMTECA, France

10:10-10:50 **Title: Antinociceptive tolerance to NSAIDs: The role of opioid mechanism**
Merab G. Tsagareli, I Beritashvili Center of Experimental Biomedicine, Georgia

Networking and Refreshments Break 10:50-11:10@ Sylt Foyer

Sessions: Toxicology | Molecular Toxicology | Biochemical Toxicology | Methods for Toxicity Testing | Pharmacology

Session Chair: Najah Abi Gerges, AnaBios Corporation, USA

Session Co-Chair: Daniele Zink, Institute of Bioengineering and Nanotechnology, Singapore

Session Introduction

11:10-11:35 **Title: Predictive in vitro methods: how to address current problems?**
Daniele Zink, Institute of Bioengineering and Nanotechnology, Singapore

11:35-12:00 **Title: JWA gene based targeting peptide inhibits melanoma proliferation and metastasis**
Jianwei Zhou, Nanjing Medical University, China

12:00-12:25 **Title: Roscovitine and purvalanol A effectively inhibit aldo-keto reductase 1C3 (AKR1C3) in vitro and synergistically potentiate cytotoxic effect of daunorubicin**
Eva Novotna, Charles University, Czech Republic

12:25-12:50 **Title: Hepatotoxicity of formaldehyde in rats: Cellular and molecular mechanisms**
Soheir E. Kotob, National Research Centre, Egypt

Lunch Break 12:50-13:50 @ Restaurant Rienäcker

Poster Presentations 13:50-14:20 @ Sylt Foyer

Poster Judges:

Alexei G. Basnakian, University of Arkansas for Medical Sciences, USA

Najah Abi Gerges, AnaBios Corporation, USA

Merab G. Tsagareli, I Beritashvili Center of Experimental Biomedicine, Georgia

ET-01 **Title: Photo(geno)toxicity induced by reactive drug metabolites**
Inmaculada Andreu, Health Research Institute La Fe de Valencia, Spain

ET-02 **Title: Resveratrol inhibits FcεRI-mediated mast cell activation through Sirt1 dependent and independent pathways**
Hyeun Wook Chang, Yeungnam University, South Korea

ET-03 **Title: Endocannabinoids CB1 receptor contributes to antinociceptive effects of NSAIDs in the anterior cingulate cortex of rats**
Nana Tsiklauri, Laboratory of Pain and Analgesia, Georgia

ET-04 **Title: Mercury in BMS, OLP, and trigeminal neuralgia**
Gianpaolo Guzzi, Italian Association for Metals and Biocompatibility Research, Italy

ET-05 **Title: Dual targeting of Nur77 and AMPKα by Isoalantolactone inhibits adipogenesis**
Syng-Ook Lee, Keimyung University, South Korea

ET-06 **Title: A study of elemental Mercury accumulation in macrophytes roots**
Andrea Monroy-Licht, Universidad del Norte, Colombia

ET-07 Title: **Inhibitory effects of ginsenoside-Rh2 epimers on Organic Anion Transporting Polypeptide (OATP) 1B3-mediated uptake**

Chae Bin Lee, The Catholic University of Korea, Republic of Korea

ET-08 Title: **Exposure to metals, multiple chemical sensitivity, and neurogenic inflammation**

Gianpaolo Guzzi, Italian Association for Metals and Biocompatibility Research, Italy

ET-09 Title: **Protective effect of Quercetin against sodium fluoride toxicity in testicular tissue**

Semir Gul, Inonu University, Turkey

Poster Presentations 14:30-15:00 @ Sylt Foyer

ET-10 Title: **Evaluation of transport mechanism and pharmacokinetics of kaurenoic acid derived from Aralia continentalis Kitagawa in Korean subjects**

Hea-Young Cho, CHA University, Republic of Korea

ET-11 Title: **A novel and sensitive UPLC-MS/MS method for simultaneous analysis of four components of Socheongryong-tang tablet in humans: Method development and application to pharmacokinetic study**

Yong-Bok Lee, Chonnam National University, Republic of Korea

ET-12 Title: **Toxic metals, bone pathology, and serum orosomucoid**

Gianpaolo Guzzi, Italian Association for Metals and Biocompatibility Research, Italy

ET-13 Title: **Cytochrome P450 2C9 inhibition by Sophoranone in human liver microsomes**

Soo Hyun Jang, The Catholic University of Korea, Republic of Korea

ET-14 Title: **Effects of BST204 extract, a purified ginseng dry extract, on pharmacokinetics of imatinib in rats**

Soon Uk Chae, The Catholic University of Korea, Republic of Korea

ET-15 Title: **Study on reproductive toxicity test of BaoFuKang suppository in SD rats with toxicokinetic profile**

Xiang Meng, Shanghai Institute of Planned Parenthood Research, China

ET-16 Title: **Mercury distribution from blood to hair in humans and dogs**

Gianpaolo Guzzi, Italian Association for Metals and Biocompatibility Research, Italy

ET-17 Title: **The reproductive toxicity of ZishenYutai pill in rats: Perinatal and postnatal development study**

Zuyue Sun, Shanghai Institute of Planned Parenthood Research, China

ET-18 Title: **Evaluation of the cost effectiveness of Cefuroxime versus Penicillin G for the treatment of bacterial pneumonia in children**

Manhal Abdulkader, University of Duhok, Iraq

Young Researchers Forum

YRF Judge: Frederic Deschamps, IMTECA, France

15:00-15:15 Title: **Protective effects of thymoquinone over the 2,3,7,8-Tetrachlorodibenzo-p-dioxin induced hepatotoxicity**

Semir Gul, Inonu University, Turkey

15:15-15:30 Title: **The toxicological impact of unconjugated linoleic acid**

Catriona Kielty, Athlone Institute of Technology, Ireland

15:30-15:45 Title: **Development and testing of molecular-based methodologies for real-time profiling of biological communities in freshwater aquaculture**

Sarah Naughton, Athlone Institute of Technology, Ireland

15:45-16:00 Title: **Protective role of Vitamin-E over the acetamiprid toxicity in mice testis**

Semir Gul, Inonu University, Turkey

Networking and Refreshments Break 16:00-16:20@ Sylt Foyer

Best Poster Prize Distribution 16:20-16:40 @ Sylt Foyer

Panel Discussion

Award Ceremony & Certificate Distribution

Day 3 July 04, 2018

Networking Lunch 12:30-13:30 @ Restaurant Rienacker