



Austrian Society of Toxicology
ASTOX



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wien**

ASTOX Symposium 2019
**Challenges in Toxicology and Risk
Assessment**

University of Vienna

April 25-26, 2019

Conference Venue:

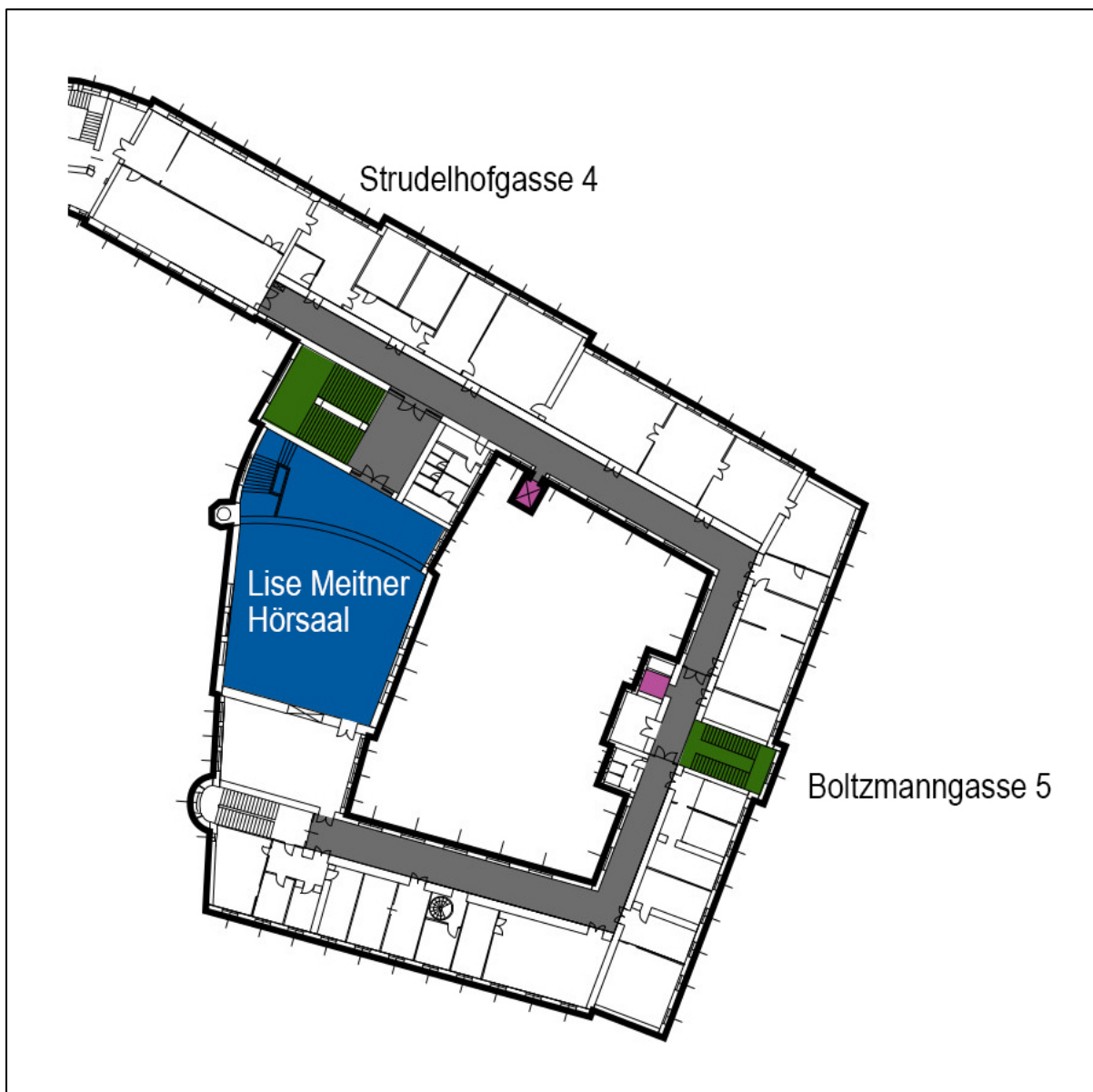
University of Vienna

Faculty of Physics

Boltzmannngasse 5, 1st Floor

Lise Meitner Lecture Hall

A-1090 Vienna, Austria



Programme

Thursday, April 25 2019

09:00	Registration, Poster Placement, Welcome
Session 1: Chemical Mixtures Chair: Elke Rauscher-Gabernig	
10:00	<i>Keynote Lecture</i> The EFSA Guidance on risk assessment for human, managed animals, and ecosystems of combined exposure to multiple chemicals Hogstrand, Christer
10:30	ChemCock: Introduction to the Austrian project on chemical mixtures Gromann, Karin
10:40	ChemCock: The modified Reference Point Index (mRPI) - an Approach to Assess Risks of Food Contaminant Mixtures Vejdovszky, Katharina
11:00	ChemCock: Some examples for cumulative risk assessment of chemical mixtures of contaminants Rauscher-Gabernig, Elke
11:20	<i>Keynote Lecture</i> The EuroMix test strategy to generate data for future mixture risk assessment Van Klaveren, Jacob
11:50	<i>Poster Session, Ernst Mach Lecture Hall on the 2nd floor</i>
12:30	<i>Lunch Break, Ernst Mach Lecture Hall on the 2nd floor</i>
Session 2: Biotoxins Chair: Doris Marko	
13:30	<i>Keynote Lecture</i> Use of Next Generation Sequencing to identify the molecular basis of disorders Griffiths, Lyn
14:00	Cell Membrane: structure and biophysical properties determining response to toxicants Del Favero, Giorgia

14:20	Toxicological characterisation of mycotoxins and their degradation products Mayer, Elisabeth
14:40	Insights into the toxicity of prymnesins, toxic metabolites of the microalgae <i>Prymnesium parvum</i> Varga, Elisabeth
15:00	Immunomodulatory effects of the <i>Fusarium</i> secondary metabolite butenolide in human colon epithelial cells Woelflingseder, Lydia
15:20	Combinatory Effects of Deoxynivalenol and the Emetic Bacterial Toxin Cereulide on Cell Viability of Caco-2 Monolayers Beisl, Julia
15:40	<i>Coffee Break, Ernst Mach Lecture Hall on the 2nd floor</i>
Session 3: Hot Topics Chair: Franz Berthiller	
16:20	<i>Keynote Lecture</i> Biological connectivity and the exposome: a paradigm shift towards precision prevention Sarigiannis, Dimosthenis
16:50	Global metabolomics as a key technology for deciphering toxin exposure and effect Warth, Benedikt
17:10	Fate of the mycotoxin deoxynivalenol during baking Berthiller, Franz
17:30	Review of maximum residue levels of tau-fluvalinate according to Regulation (EC) No 396/2005 Leuschner, Renata
17:45	Acid protective formulation of omeprazole using β-lactoglobulin and mesoporous silica nanoparticles: insightful in vitro release, cytotoxicity and mitochondrial morphology effects Juère, Estelle
18:00	Mercury-containing Creams – Not only a Problem for the User! Rakete, Stefan
18:15	<i>WRAP-UP Day 1</i>

18:30	<i>Public Keynote Lecture, free entrance „Beethoven uns seine toxikologische Krankengeschichte“ Reiter, Christian</i>
19:30	<i>Wein und Knabberien, Ernst Mach Lecture Hall on the 2nd floor Sponsored by Biomin.net</i>

Programme

Friday, April 26 2019

Session 4: Medicinal Products Chair: Barbara Zemann	
09:00	Facing challenges transitioning from basic research to early non-clinical development Schröter, Anika
09:15	ADME in Safety Testing of Pharmaceuticals, something to talk about? Hager, Gerhard
09:35	Marketing surveillance of medicinal products (legal & illegal market) Lang, Thomas
09:55	The Environmental Risk Assessment of Human Medicinal Products Vaculik, Christine
10:15	Impact of coccidiostats on the environment, ecotoxicological aspects Kolar, Boris
10:35	<i>Coffee Break, Ernst Mach Lecture Hall on the 2nd floor</i>
Session 5: Perfluorinated Alkylated Substances Chair: Bettina Grasl-Kraupp	
11:15	Tackling Perfluorinated Alkylated Substances: A Brief Update on the Toxicity of this Compound Class and on Regulatory Activities Grasl-Kraupp, Bettina

11:35	Occurrence of per- and polyfluoroalkyl substances (PFAS), chemicals with known endocrine disrupting activity, in drinking water, groundwater and surface water, Austria 2017/2018 Brüller, Werner
11:55	Human Biomonitoring of perfluoroalkyl substances within HBM4EU and in Austria Uhl, Maria
12:15	Exposure to perfluoroalkyl substances (PFAS) of pregnant women and its potential impact on fetal growth Forsthuber, Martin
12:35	Effects of PFAS on placental vascularization Potheser, Michael
12:55	POSTER AWARD and Closure, Final Remarks
13:10	<i>Lunch Break, Ernst Mach Lecture Hall on the 2nd floor</i>
14:00	ASTOX Membership Assembly, Lise Meitner Lecture Hall