
ASTOX

Austrian Society of Toxicology
Österreichische Gesellschaft für Toxikologie

ASTOX Symposium 2022

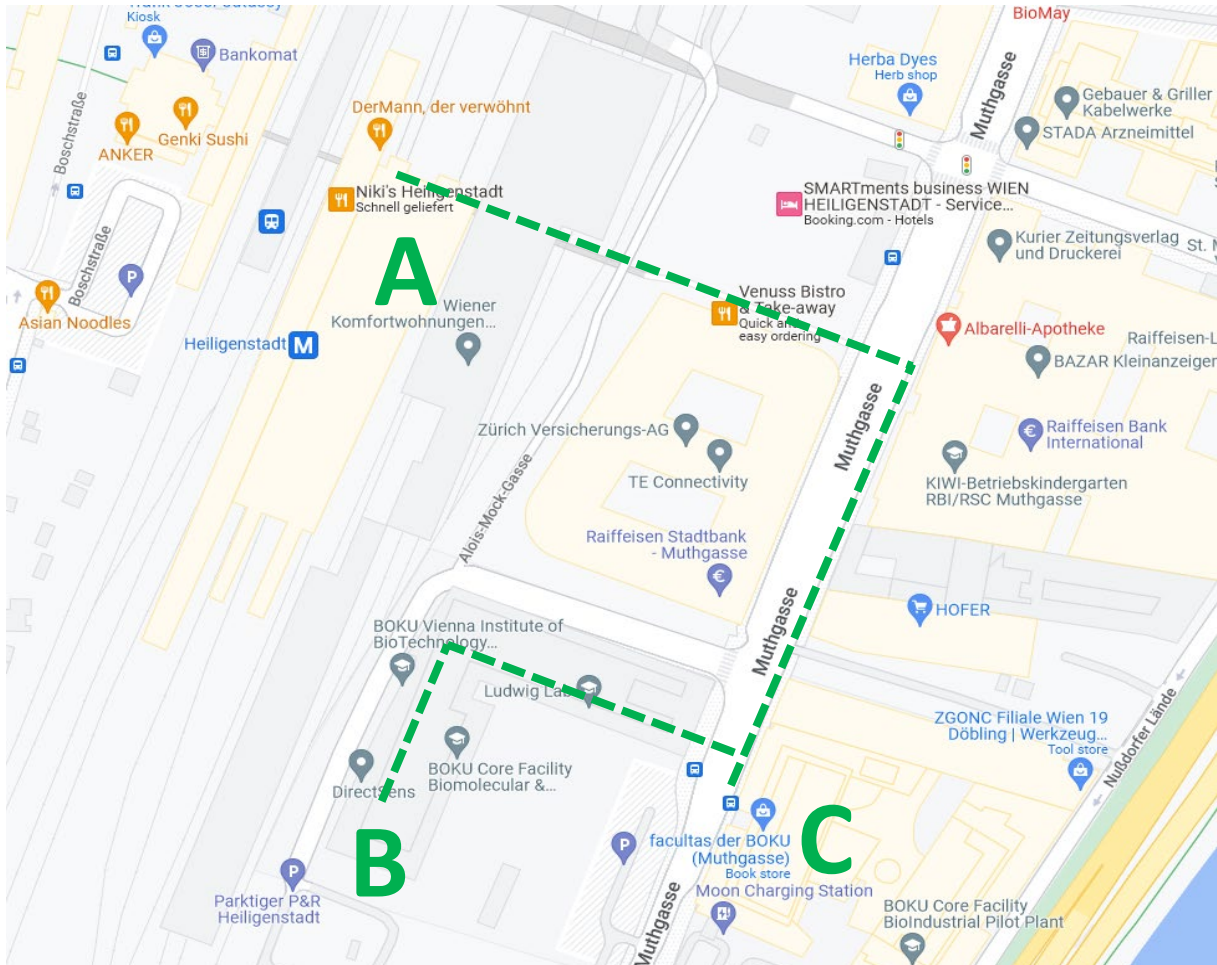
Regulatory Toxicology and Alternative Methods

**University of Natural Resources
and Life Sciences, Vienna (BOKU)
September 15-16, 2022**



Conference Venue:

University of Natural Resources and Life Sciences,
Vienna (BOKU), Muthgasse 18, 1190 Vienna



A Bahnhof Heiligenstadt,    

B Parking APCOA, Campus Muthgasse (4 EUR/day)

C Conference Site, BOKU, Armin Szilvinyi Haus

COVID-19 protection measures:

- A valid **test certificate** must be presented in order to participate on site (PCR or antigen test) **OR**
- Proof of a **valid antigen self-test** (labelled with the date of collection and the name of the person) is also possible (bring a photo or the test directly).
- The wearing of **FFP2 masks** is **recommended**.

Symposium proudly sponsored by:



Programme

Thursday, September 15, 2022

09:15	Registration, Certificate/test checks, Poster Placement, Welcome
Session 1: Alternative Methods I Chair: Doris Marko	
10:00	Keynote Lecture Use of lung cell models to assess the toxicity of nanomaterials: Bioavailability and gene expression analysis to establish toxicity profiles Andrea Hartwig (virtual)
11:00	Integration of NAMs into the European regulatory assessment of Endocrine Disruption (ED) - Experiences and challenges when assessing Thyroid ED Christiane Wiemann
11:25	The chicken chorioallantoic membrane assay: A short-term <i>in vivo</i> model for cancer research Nassim Ghaffari
11:50	Toxicity triggered by modulation of mass and structural integrity of non-cytoskeletal organelles: a new perspective for organ-on-a-chip experiments? Giorgia Del Favero (virtual)
12:15	Lunch Break, Poster Session
Session 2: Hot Topics in Toxicology Chair: Franz Berthiller	
13:30	Environmental ligands of the aryl hydrocarbon receptor associated with airborne particles and their interference with nuclear receptors Jan Vondráček
13:55	Pitfalls and problems when evaluating combinatory effects – a case study on the mycoestrogen zearalenone and isoflavones Elisabeth Varga
14:20	Innovative Approach to Control Bladder Infections Using MANNylation Strategies for Mesoporous Silica Nanoparticles Mariam Hohagen
14:45	CVMP assessment report on the risk to vultures and other necrophagous bird populations in the EU in connection with the use of veterinary medicinal products containing the substance diclofenac Boris Kolar
15:10	Interaction of A-, B-, and C-type prymnesins with sterols Elisabeth Varga & H�el�ene-Christine Prause
15:45	WRAP-UP Day 1

Programme

Friday, September 16, 2022

09:15	Registration, Certificate/test checks, Welcome
Session 3: Alternative Methods II Chair: Elke Rauscher-Gabernig	
10:00	Öffentlicher Vortrag (auf Deutsch): Vorstellung und Tätigkeiten der Vergiftungsinformationszentrale Helmut Schiel
11:00	Alternatives to vertebrate testing Tina Hofmaier
11:25	Next Generation Risk Assessment - Adopting a probabilistic perspective on the required scope of <i>in vitro</i> testing Walter Zobl
11:50	An analysis of the limitations and uncertainties of animal based toxicity assessments to identify the potential for non-animal approaches in regulatory toxicology Martin Paparella
12:15	Lunch Break, Poster Session
Session 4: Regulatory Toxicology Chair: Barbara Zemann	
13:30	Alternative assays in the frame of DART testing programs- experience with the latest revision of ICH S5 Günter Waxenecker
14:00	Non-Clinical Development of ATMPs – Challenges and Regulatory Specifics Alexandra Günzl
14:30	Establishing a human starting dose: a specific challenge for cell and gene therapies Anika Schröter
15:00	POSTER AWARD and Symposium Closure, Final Remarks
15:20	Coffee Break
16:00	ASTOX Membership Assembly (ASTOX members only)