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# ASTOX

Austrian Society of Toxicology  
Österreichische Gesellschaft für Toxikologie

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## **ASTOX Symposium 2022**

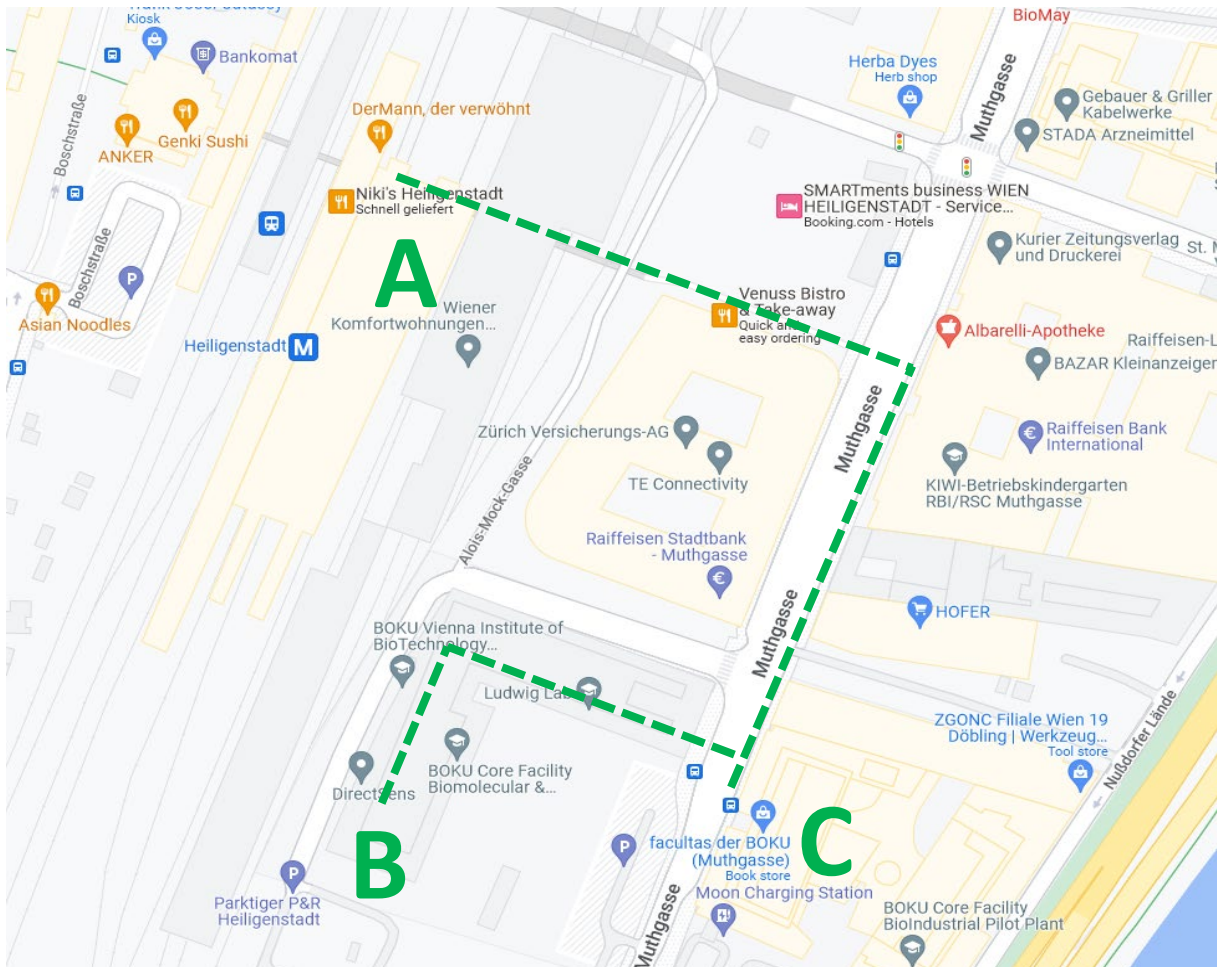
### **Regulatory Toxicology and Alternative Methods**

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

# Programme

## Friday, September 16, 2022

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