



Belgian Society for Toxicology and Ecotoxicology



Belgian Environmental Mutagen Society

Meeting Programme

8:30-9:00

Registration

9:00-9:10

Welcome by the Presidents of BelTox and
BEMS

*Steven Van Cruchten
(UAntwerpen) and Birgit
Mertens (Sciensano)*

Morning Session, Chair: Vitalina Gryshkova (UCB)

9:10-09:30

Introduction on Non-clinical Testing
Strategies for Different Types of Drug
Modalities

Sonja Beken (FAMHP)

09:30-10:00

Novel Non-clinical Safety Approaches for
Small Molecule Drugs

*Jean-Pierre Valentin
(UCB)*

10:00-10:30

Risk-based Approach for Non-clinical
Evaluation of Advanced Therapy Medicinal
Products

Sofie Peirs (FAMPH)

10:30-11:00

Coffee and Poster Session

11:00-11:30

Preparing for a New ICH Guideline on
Oligonucleotide Safety Testing: An Industry
Perspective

Joel Parry (GSK)

11:30-11:45

BelTox General Assembly

*Steven Van Cruchten
(BelTox)*

11:45-12:00

Short presentations on YSC posters

Poster authors

12:00-13:15

Lunch and Poster Session

Afternoon Session, Chair: Ryan Wheeldon (J&J) and Sonja Beken (FAMPH)

13:15-13:45	Genetic Toxicology Testing Approaches for New Drug Modalities	<i>Caressa Van Dongen (J&J Innovative Medicine)</i>
13:45-14:15	Genomic Safety Considerations and Challenges in Genetically Modified Cell Therapies	<i>Parimal Pande (Janssen Pharmaceuticals)</i>
14:15-15:15	Young Scientists Competition	<i>Joao Alves Barbosa (UGent)</i>
	Optimized 3D Explants for Ex Vivo Precision-Cut Tissue Slices: A Novel Platform for Drug Discovery and Personalized Medicine	<i>Ara Sargsian (KULeuven)</i>
	The Testicular Organoid as a Model to Study the Impact of Endocrine-disrupting Chemicals on Steroidogenesis	<i>Katerina Papageorgiou (VUB)</i>
	Advancing Nucleoside-based Therapeutics for Animal Trypanosomiasis: Balancing Efficacy with Environmental Safety	<i>Kayhan Ilbeigi (UAntwerpen)</i>
	Effect-based Monitoring of Emerging Organic Micropollutant Mixtures in Conventional Wastewater Treatment Plants Effluents in Flanders, Belgium	<i>Marie Pardon (KULeuven)</i>
15:15-15:45	Coffee and Poster Session	
15:45-16:15	Current State of and Alternatives to NHPs in Non-clinical Safety Studies	<i>Peter van Meer (MEB) Fred Brouta (UCB)</i>
16:15-16:45	Platform Approaches for mRNA Vaccines	<i>Claudia Lindemann (BioNTech)</i>
16:45-17:15	Proclamation of the Best YSC Presentations and Posters	<i>Joao Alves Barbosa (UGent)</i>
17:15-17:30	Closure of Annual Meeting	<i>Steven Van Cruchten (Beltox), Birgit Mertens (BEMS)</i>

Organizing committee:

Chair: Steven Van Cruchten

Members: Joao Alves Barbosa, Sonja Beken, Vitalina Gryshkova, Mark Martens, Ryan Wheeldon, Viella Kriekemans

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