

## 21st International Summer school

**Module A – Environmental and Health Risk Assessment of Chemicals in the EU - principles and regulatory practices – Monday-Wednesday 9-11.6.2025** (generic and introductory class, target audience are e.g. students of nature science field close to their diploma thesis or during PhD studies, early stage researchers or less experienced experts. In addition, young ministry officials or administrators responsible for chemicals management and risk assessment may also benefit from learning and overview of concepts of Chemical RA and practices used within various regulatory frameworks in the EU).

### Detailed Agenda Mon-Wed 9-11.6.2025

#### Day 1 (Monday): 9.06.2025

Time	Topic	Speaker(s)	Activity type
09:00 – 9:30	Registration		
09:30 – 09:45	Opening of the Summer school and Tour de table of participants	Kateřina Šebková, RECETOX, and all	(room RCX1)
9:45 – 10:00	Stockholm Convention and chemical assessment	Kateřina Šebková, RECETOX	Lecture (room RCX1)
10:00 - 11:00	Introduction - principles of risk assessment and management of chemicals	Luděk Bláha, RECETOX	Lecture (room RCX1)
11:00 – 11:30 (30')	Coffee-Break		
11:30 – 12:00	Chemical Risk Assessment Network activities	WHO representative (tbd)	(room RCX1)

12:00 – 13:00	<b>Risk Assessment of Chemicals – elements and tools</b> Prospective vs Retrospective Exposure + Hazard = Risk Environmental (Ecotoxicology) and Health (Toxicology) Risks Regulatory aspects	Luděk Bláha, RECETOX	Lecture and case studies (room RCX1)
13:00 – 14:00 (60')	Lunch		
14:00 – 15:30	<b>Collecting data for Exposure and Hazard Assessment</b> - Lab tour RECETOX	RECETOX team	Excursion, demonstrations (- no room -)
15:30 – 16:00	Coffee-Break		
16:00 – 16:45	<b>Prospective risk assessment of PESTICIDES</b> within the EU regulation	Jakub Hofman, RECETOX	lecture and hands on-practice (room RCX1)
16:45 – 17:30	<b>Environmental risk assessment of MEDICINAL PRODUCTS</b> Human vs Veterinary products, principles of current regulations - Case studies	Luděk Bláha, RECETOX	Lecture and case studies, practice (room RCX1)
17:30 – 18:00	<b>Wrap-up Q&amp;A Discussion</b>		(room RCX1)
18:00	End of the day		

## Day 2 (Tuesday): 10.06.2025

Time	Topic	Speaker(s)	Activity type
09:00	Welcome and organizational notes	RECETOX team	(room RCX1)
09:00 – 09:45	<b>Risk assessment of BIOCIDES</b> within regulatory frameworks in the EU	Pavla Lakdawala, RECETOX	Lecture (room RCX1)
9:45 – 10:30	Retrospective Regulatory Risk Assessment approaches: <b>WATER Framework Directive</b>	Branislav Vrana, RECETOX	Lecture, case studies, examples (room RCX1)
10:30 – 11:00	Retrospective Regulatory Risk Assessment approaches: <b>Occupational Exposures and Risks</b>	Luděk Bláha, RECETOX	Lecture, case studies, examples (room RCX1)
11:00 – 11:30 (30')	Coffee-Break		
11:30 – 12:15	<b>Risk assessment of chemical MIXTURES</b>	Klára Hilscherová, RECETOX	Lecture, case studies, examples (room RCX1)
12:15 – 13:00	<b>Contamination and risks of pesticides in European SOILS</b>	Jakub Hofman, RECETOX	Lecture, case studies, examples (room RCX1)
13:30 – 14:00 (60')	Lunch		
14:00 – 16:00	<b>GIS based data visualization in support of the Risk Assessment</b> - Part I	Ondřej Mikeš et al. RECETOX	Computer work, hands-on data use visualization (PC room RCX2)
16:00 – 16:30	Coffee-Break		

16:00 – 17:30	<b>GIS based data visualization in support of the Risk Assessment</b> - Continued - Part II	Ondřej Mikeš et al. RECETOX	Computer work, hands-on data use visualization (PC room RCX2)
17:30 – 18:00	<b>Wrap-up Q&amp;A Discussion</b>	all + all lecturers	hands-on practice (room RCX1)
18:00	End of the day		