

Partnership for the Assessment of



Risks from Chemicals

New Approach Methodologies (NAMs) & hazard assessment of chemicals

Tentative Programme



Partnership
FOR THE
Assessment
OF
Risks
FROM
Chemicals



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the European Union**

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Course Details

Title	PARC Training and 21 st RECETOX Summer School New Approach Methodologies (NAMs) & hazard assessment of chemicals
Date	Wednesday, 11 June, 2025 – Friday, 13 June, 2025
Time	Details below
Venue	RECETOX, Masaryk University Brno, Czech Republic Kamenice 753/5, pavilion D29
Scientific Coordinators	Masaryk University RECETOX, CZ Petra Růžicková (petra.ruzickova@recetox.muni.cz) Lola Bajard (lola.bajard@recetox.muni.cz)

Lecturers

Ludek Blaha, RECETOX, MU, CZ

Eliska Kuchovska, Leibniz Research Institute for Environmental Medicine (IUF), DE

Anna Beronius, Karolinska Institute (KI), SE

Klara Hilscherova, RECETOX, MU, CZ

Marc Audebert, National Research Institute for Agriculture, Food and Environment (INRAE), FR

Albert Braeuning, German Federal Institute for Risk Assessment (BfR), DE

Pavel Babica, RECETOX, MU, CZ

Jiri Novak, RECETOX, MU, CZ

Iva Sovadinova, RECETOX, MU, CZ

Zuzana Tousova, RECETOX, MU, CZ

Karolina Jagiello, University of Gdansk (UG) / QSAR Lab, PL

Ondra Adamovsky, RECETOX, MU, CZ

Mark Kristiansen, University College London (UCL), GB

Kerra Pierce, University College London (UCL), GB

Lola Bajard, RECETOX, MU, CZ

Programme

Day 1 (Wednesday): 11.06.2025

Time	Topic	Speakers	Activity type	Room
08:30 – 9:00 (30')	Registration			RCX1
9:00 – 9:30 (30')	Next Generation Risk Assessment	Ludek Blaha, RECETOX (CZ)	Lecture	RCX1
9:30 – 10:30 (60')	Introducing NAMs and their life cycle: focus on developmental neurotoxicity	Eliska Kuchovska, IUF (DE)	Lecture	RCX1

Time	Topic	Speakers	Activity type	Room
10:30 – 11:00 (30')	Coffee-Break			
11:00 – 13:00 (120')	Weight of Evidence (WoE) evaluation	Anna Beronius, KI (SE)	Lecture, practical exercise	RCX1
13:00 – 14:00 (60')	Lunch			
14:00 – 15:00 (60')	NAMs for endocrine disruption – focus on thyroid hormone system disruption	Klara Hilscherova, RECETOX (CZ)	Lecture	RCX1
15:00 – 16:00 (60')	NAMs for non genotoxic carcinogens (NGTxCs)	Marc Audebert, INRAE (FR)	Lecture	RCX1
16:00 – 16:30 (30')	Coffee-Break			
16:30 – 17:30 (60')	NAMs for Metabolic disruption in general & Liver steatosis	Albert Braeuning, BfR (DE)	Lecture	RCX1
	Social Event			

Day 2 (Thursday): 12.06.2025

Time	Topic	Speakers	Activity type	Room
09:00	Introduction to Hands-on			RCX1
9:00 – 9:30 (30')	Introduction to the Gap junctional communication (GJIC) assay	Pavel Babica, RECETOX (CZ)	Lecture	RCX1
9:30 – 10:00 (30')	Introduction to the Aryl hydrocarbon receptor (AhR) CAFLUX reporter assay	Jiri Novak, RECETOX (CZ)	Lecture	RCX1
10:00 – 10:30 (30')	Coffee-Break			
10:30 – 12:30 (120')	2 parallel lab sessions: GJIC Assay AhR reporter CAFLUX assay Group A	RECETOX Team (CZ): Iva Sovadinova, Pavel Babica Jiri Novak, Zuzana Tousova	Hands-on	Laboratories (316, 317, 318, 324)
10:30 – 12:30 (120')	Predictive Toxicology in Practice: <i>In Silico</i> Tools for Chemical Safety Assessment – Group B	Karolina Jagiello, UG / QSAR Lab (PL)	Lecture/Hands-on	RCX2
12:30 – 14:00 (90')	Lunch			
14:00 – 16:00 (120')	Predictive Toxicology in Practice: <i>In Silico</i> Tools for Chemical Safety Assessment – Group A	Karolina Jagiello, UG / QSAR Lab (PL)	Lecture/Hands-on	RCX2

Time	Topic	Speakers	Activity type	Room
14:00 – 16:00 (120')	2 parallel lab sessions: GJIC Assay AhR reporter CAFLUX assay Group B	RECETOX Team (CZ): Iva Sovadinova, Pavel Babica Jiri Novak, Zuzana Tousova	Hands on	Laboratories (316, 317, 318, 324)
16:00 – 16:30 (30')	Coffee-Break			
16:30 – 17:30 (60')	Reporting and conclusion		Exercise	RCX1

Day 3 (Friday): 13.06.2025

Time	Topic	Speakers	Activity type	Room
09:00 – 9:45 (45')	Omics and the future of NAMs	Ondra Adamovsky, RECETOX (CZ)	Lecture	RCX1
9:45 – 10:45 (60')	Genomic technologies in diseases	Mark Kristiansen, Kerra Pierce, UCL (GB)	Lecture	RCX1
10:45 – 11:15 (30')	Coffee-Break			
11:15 – 12:00 (45')	NAMs implementation: practical aspects, quantitative assessment.	Lola Bajard, RECETOX (CZ)	Lecture and discussion	RCX1
12:00 – 12:30 (30')	Wrap-up, closing remarks, certificates			RCX1
12:30	Lunch bags/boxes End of the School			

This course is part of the European Partnership for the Assessment of Risks from Chemicals. This partnership has received funding from the European Union.