

WEDNESDAY 21.5.2025

11.15 Lab tour (optional)

12.00 Registration

12.30 Lunch

13.30 Session 1 Drug use & fatal poisonings (chair Pirkko Kriikku)

	13.30	Welcome		
	13.45	O1	Thomas Olsen	Prevalence of psychoactive substance-use related cardiovascular mortality from 2004 to 2021 in Norway: Integrating data from autopsies, toxicology and registry linkage
	14.00	O2	Hilde Marie Erøy Edvardsen	Fatal poisonings in the Nordic countries in 2022 among people who use drugs
	14.15	O3	Anna Armika Tussilago Nyman	Use of Gabapentinoids in Norway 2005-2021
	14.30	O4	Kirsten Wiese Simonsen	Fatal poisoning among people who use drugs in Denmark in 2022
	14.45	O5	Teemu Gunnar	National wastewater monitoring program for illicit drugs in Finland and triangulating data with other drug use indicators

15.00 Coffee break

15.30 Session 2 PM toxicology (chair Brian Schou Rasmussen)

	15.30	O6	Stine Lund Hansen	Which alternative matrix to choose in postmortem toxicology when femoral blood is not an option?
	15.45	O7	Mikayla Zoë van der Meer	Is Brain Tissue Suitable for Forensic Toxicological Analysis?
	16.00	O8	Raimo Ketola	Screening, confirmation, prevalence and fatality of digoxin in Finland 2012-2025
	16.15	O9	Stine Marie Havig	Prescriptions and drug concentrations in methadone deaths: A registry-linked cross-sectional study of autopsy cases in Norway between 2004 and 2021

19.00 Welcome reception at Valo Hotel (Mannerheimintie 109, about 9 minutes' walk)

THURSDAY 22.5.2025 MORNING

9.00 Session 3 Clinical toxicology (chair Robert Kronstrand)

9.00	O10	Joachim Frost	Doses, serum concentrations and diagnoses of Norwegian quetiapine users 2001–2019 in a therapeutic drug monitoring material
9.15	O11	Joachim Frost	Distribution of quetiapine between serum and whole blood in TDM specimens
9.30	O12	Gudrun Høiseth	Relation between PEth-concentrations and amount of ethanol ingested
9.45	O13	Antti Jylhä	Phosphatidylethanol (PEth) is a promising tool for screening alcohol consumption during pregnancy
10.00	O14	María Erla Bogadóttir	Intake of pure bromazolam powder, a case study

10.15 Coffee break

10.45 Session 4 NPS (chair Joachim Frost)

10.45	O15	Anna Åstrand	In vitro structure relationship activity and molecular dynamic simulation studies of JWH-018, AM-2201, THJ-018, THJ-2201 and their metabolites on the hCB1 receptor
11.00	O16	Darta Stalberga	Activity characterization of four ADB- synthetic cannabinoids and their tail hydroxylated metabolites
11.15	O17	Mattias Persson	Receptor activation and toxicological profiles of nitazene analogs in autopsy cases
11.30	O18	Anna Pelander	Assigning nitazene marker molecules, fluetonitazepyne as an example
11.45	O19	Huiling Liu	Cannabinoids Reference Standards: Essential Tools for Accurate Cannabis Product Analysis

12.00 Session 5 Metabolomics & machine learning (chair Henrik Green)

12.00	O20	Lisa M. Menacher	Deep Learning for Cause-of-Death Screening from routinely collected raw LC-HRMS Data
12.15	O21	Albert Elmsjö	Toxidromics - A Metabolomics based Approach to Classifying Postmortem Intoxication Cases

THURSDAY 22.5.2025 AFTERNOON

12.30 Lunch

	13.30	O22	Ida Marie Marquart Løber	Bridging the Gap: From Rat Models to Human Validation of Postmortem Metabolome-Based PMI Estimation
	13.45	O23	Pia Johansson Heinsvig	Feature mapping of 1000 serum samples measured with LC-HRMS untargeted metabolomics
	14.00	O24	Frederik Skovbo	TraceAge: A Machine Learning Approach to Estimating Blood Sample Time-of-Deposition

14.15 Coffee break

14.45 Session 6 Method & process development (chair Gudrun Høiseth)

	14.45	O25	Rogier van der Hulst	An upgrade of the Dutch forensic toxicological research, the shift in perspective
	15.00	O26	Marit Langødegård	Determination of twenty commonly found compounds in DUI and autopsy cases in whole blood using automated 96-well phospholipid removal plate and UHPLC-MS/MS
	15.15	O27	Terhi Launiainen	Dilute & shoot approach for toxicology testing
	15.30	O28	Christian Brinch Mollerup	When Switching Isn't Simple: Consumable Issues in HS-GC-FID

16.00 NAFT General Assembly

19.00 Conference dinner at Mestaritali (Merikannontie 6, about 42 minutes' walk or 30 minutes by bus)

FRIDAY 23.5.2025

9.00	Workshop I: PM toxicology	Workshop II: Toxicology of DUI cases
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11.00 Coffee break

11.30 Session 7 Traffic & doping (chair Margareeta Häkkinen)

11.30	O29	Nina Lauronen	Quality Control of Evidential breath analyzers
11.45	O30	Jakob Ross Jornil	Cutoff value for enantiomer ratio of amphetamine in Danish DUID cases – what is legal or not?
12.00	O31	Katarina Lindroos	Association of anabolic androgenic steroid use with perimortem polypharmacy, antemortem prescription drug use, and utilization of health care services – A Finnish triple register study of forensic autopsy cases
12.15	O32	Jessica Bragd	Development and validation of a LCMSMS method for confirmation of anabolic androgenic steroids (AAS) in Urine.

12.30 Closing of the conference

12.45 Lunch