

Monday and Tuesday October 19th – 20th 2026, from noon to noon

Location: Department of Forensic Sciences, Oslo University Hospital, Lovisenberggata 6, Oslo, Norway

Please register for this course by emailing rmaslo@ous-hf.no no later than October 5th. To accommodate more participants, the presentations will also be streamed live via Teams. Please note that remote participants will have fewer opportunities to interact with the lecturers and other attendees than those attending in person. When registering, please let us know whether you will be attending in person or via Teams.

Course description

The focus of the course is development and validation of methods in forensic toxicology, with emphasis on liquid chromatography. Key topics include sample preparation, chromatography, mass spectrometry, experimental design and validation strategies in light of ISO 17025, ISO 15819, ICH guideline M10 and AAFS guideline 036, validation of metabolomics results and high-resolution mass spectrometry. We are aiming to present some of the talks digitally to allow for a broader audience. Parts of the course will be discussion and exchange of experiences among the participants, and we welcome you to send us topics or questions that you would like to raise beforehand.

Program

Monday 19th October

12.00-12.40 Lunch

12.40-12.50 Welcome and introductions (Åse Marit Leere Øiestad, Oslo, Norway)

12.50-14.00 Session 1 Method development and experimental design

Sample preparation, chromatography and mass spectrometry (Elisabeth Leere Øiestad, Oslo, Norway)

Experimental design – optimization of experiments (Lena Kristoffersen, Oslo, Norway)

14.00-14.30 Coffee break

14.30-15.45 Session 2 Method validation, guidelines and standards

14.30-14.50 Validation in Accredited Laboratories – ISO 15189 vs. ISO 17025 (Dejana Todorović, Trondheim, Norway and Elisabeth Leere Øiestad, Oslo, Norway)

14.50-15.20 From Guidelines to Laboratory Practice: Our Approach to Method Validation (Marija Tomić Garvin, Trondheim, Norway)

15.20-15.40 Method Validation in Forensic Toxicology: Applying ANSI/ASB Standard 036 (Marianne Skov-Skov Bergh, Oslo, Norway)

15.45-16:15 Discussion

16.15-17.15 Laboratory tour

~18.00 Dinner

Tuesday 20th October

09.00-10.00 Session 3 Metabolomics

Development and validation of metabolomics workflows (Liam Ward and Albert Ensjö)

10.00-10.30 Coffee break

10.30-11.15 Session 4 Method validation of high-resolution MS-methods

Validation of comprehensive HR-MS screening methods for forensic samples (Åse Marit Leere Øiestad, Oslo, Norway)

11.15-12.00 Discussion

12.00-12.15 End of course

12.15 Lunch

Practical information:

Venue: Oslo University Hospital, Lovisenberggata 6, 0456 Oslo.

Accommodation: Hotels are booked by the participants. Some suggestions for hotels close to the venue or easily accessible by bus:

Scandic St. Olavs plass (<https://www.scandichotels.com/no/hotell/scandic-st-olavs-plass>)

Thon hotell Gyldenløve (<https://www.thonhotels.no/hoteller/norge/oslo/thon-hotel-gyldenlove>)

Scandic hotell Byporten (<https://www.scandichotels.com/no/hotell/scandic-byporten>)

Comfort Hotel Karl Johan (<https://www.strawberry.no/hotell/norge/oslo/comfort-hotel-karl-johan>)

If you need help booking your hotel please contact Petra Birgitte Kolsung birkol@ous-hf.no

The course is free of charge for members of NAFT.