

4th International Summer School on **NON-TARGET METABOLOMICS DATA MINING FOR EXPOSOMICS AND NATURAL PRODUCTS RESEARCH**

18th – 22nd August 2025

Technical University of Denmark

Overview

The summer school will introduce **non-target mass spectrometry-based metabolomics** and **exposomics** for health, environmental or natural product researchers, including **hands-on training in metabolomics data mining tools**.

Goals

We will introduce analytical hardware, acquisition strategies, study design, sample preparation, and quality control. The focus will be on working with state-of-the-art metabolomics and exposomics data mining tools for **preprocessing, compound annotation, and statistical analysis**.

Instructors

Madeleine Ernst, Markus Fleischauer, Martin Hansen, Steffen Heuckeroth, Florian Huber, Corinna Brungs, Allegra Aron, Alan Jarmusch, Saer Samanipour, Scott Jarmusch, Fleming Kretschmer, Filip Ottosson, Daniel Petras, Robin Schmid, Abzer K. Pakkir Shah, Justin van der Hooft, Mingxun Wang, and more...

Registration deadline April 27th 2025

Sign-up and write motivation here <https://forms.gle/56nLxQzqp2vP3ez97>

Notification of acceptance will be sent out by May 2nd, 2025.

Course credits

5 ECTS

Costs

PhD students €400; Postdocs and professors €800; Industry €1,000.

Waivers for low-income participants. Free sleep over option available at the Summer school.

Contact

For more information visit the registration link or contact us at salja@dtu.dk or marthan@dtu.dk.

