THE ESSENTIALS OF LC PURIFICATION & MASS SPECTROMETRY

28th HSKIKI WORKSHOP

March 29, 2023, 15:30
Hotel Lone, Hall 1

How to integrate the Compact Mass Spectrometer at each step in the laboratory's workflow

With over 25 years of mass spectrometry and chemistry expertise, Advion Interchim Scientific has produced a family of compact mass spectrometers (CMS) designed for the chemist. The affordability, small size and ease-of-use makes them ideal for use directly at the chemist's bench, giving immediate answers and informed decisions instead of waiting in line at a central analytical service laboratory. Now every chemist can have a mass spec that works the same hours they do.

The expression® family of compact mass spectrometers was developed with maximum versatility in mind. They allow users to switch rapidly between the many different sample introduction techniques required throughout the chemist's workflow; from simple direct probe analysis to ultra-high performance liquid chromatography and prep-scale purification.

In the workshop we will cover different aspects of successful integration of the CMS detector in lab's workflow:

- Chemical purity of the compounds
- Reaction monitoring
- Purification, where the fraction collection is directed by mass
- TLC-MS technique
- LC Chromatography
- Direct sample information, even from solids, without any sample preparation/dilution
- Broad range of innovative sampling techniques
- Q&A section

The workshop is organized by BIA d.o.o. and Advion Interchim Scientific.