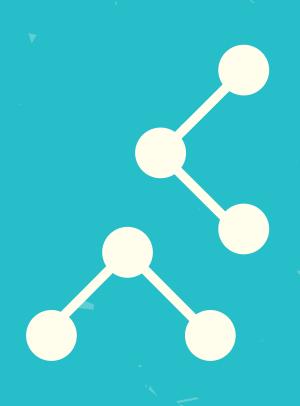


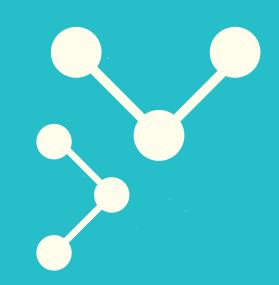
LAQV-REQUIMTE & CESAM

PRACTICAL COURSES ON MASS SPECTROMETRY

ADVANCED COURSE IN LIPIDOMICS







UNIVERSITY OF AVEIRO DEPARTMENT OF CHEMISTRY MAY 4-6, 2020

Fundação para a Ciência e a Tecnologia

MASS SPECTROMETRY CENTRE





4TH EDITION

REGISTER NOW

COURSE GOALS

The course is intended for graduate and postgraduate students and professionals who wish to learn about modern mass spectrometry-based analytic strategies for the analysis of lipids in biological systems, and are willing to gather more information on modern analytical tools.

This is a 3-day course that includes handson practical work in different mass spectrometers (MS and LC-MS), lectures, data analysis and mass spectra interpretation. Practical exercises will provide fundamental skills to understand fragmentation pathways and evaluate the quality of mass spectra.

This is a valuable opportunity to learn the fundamentals and applications of lipidomics and to keep up with the last technology.

PARTICIPANTS

PhD students, researchers and other professionals interested in working with mass spectrometry in the field of lipids. Basic knowledge on mass spectrometry is required.

Limited to 15 participants.



COURSE MENU

DAY 1

LECTURES

LIPIDS - STRUCTURE AND BIOLOGICAL ROLE

LIPIDOMICS WORKFLOW
INTERPRETATION OF MS AND MS/MS
SPECTRA OF DIFFERENT LIPID CLASSES

DAY 2

PRACTICAL SESSIONS

ACQUISITION OF MS AND MS/MS

SPECTRA OF LIPIDS

MS DATA ANALYSIS

EXERCISES

DAY 3

PRESENTATION AND DISCUSSION OF
RESULTS
9TH WORKSHOP IN LIPIDOMICS

REGISTRATION FEES

Professionals 430€
RNEM Members 350€
Post-graduate students* 280€

*PhD students and Post-docs

Payment deadline: April 27th 2020

If you are interested in participating, please contact:

Dr. Cristina Barros (cbarros@ua.pt

or +351 234 370 692)