



Hands-on Course in Ultrafast Sample Treatment for Proteomics

24th - 25th

May 2021

XV edition

Module I - Theory

Fundamentals of High-Resolution Mass Spectrometry-based Proteomics

Sample preparation for Mass Spectrometry-based Proteomics

Ultrasonic-assisted digestions - Proteosonics

Protein identification by Mass Spectrometry

nanoESI-QTOF and Label Free Quantification

Module II - Hand-on

Sample preparation: high throughput in-solution digestion

Data acquisition and analysis: Protein identification and quantification

Data analysis: Perseus and Cytoscape

The course is 40% hands-on in the laboratory (live video streaming, participants work in their own laboratory) | 40% bioinformatic tools and 20% theory.

Participants need to have access to one laboratory. All samples and necessary reagents are delivered by us.

The course is based on the following recently published work:

Ultrasonic-Based Filter Aided Sample Preparation as the General Method to Sample Preparation in Proteomic.

Registration fees: 560€*

Special rates for groups.

Online version

Live stream ^ψ

To register please contact:

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Subject: Proteomics course

WhatsApp contact:

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+ 351 919 404 933

Web:

<https://courses.bioscopegroup.org/>

<https://youtu.be/Oli4WIPq-0w>

* Registration fee includes: Course manual and a lab package with all the solutions needed.

^ψ Online sessions will be delivered via zoom.