

1st International Summer School “Data Acquisition and Analysis in Metabolomics” in Sardinia

15-20 September 2014

Location: Pula, Sardinia, Italy

Course Objectives

The Summer School will offer students theoretical sessions with lectures by experts, and hands-on in the laboratory aimed to deepen the theoretical and practical knowledge for using the main tools (NMR, MS) techniques and computer analysis in the metabolomic and statistical fields. Particular attention will be given on how to manage a laboratory using a Laboratory Information Management System (LIMS) as well as data standardization and publication.

Topic

- Mass Spectrometer and Metabolomics
- NMR and Metabolomics
- Chemometric analysis
- Visualization and analysis of multi-omics data
- LIMS applied to metabolomics
- Public repositories of public data
- Clinical metabolomics

Target Audience

This course is intended for graduate students, post-doctoral fellows, clinical fellows and investigators who are interested in learning about both technical and cheminformatic tools to analyze and interpret metabolomics data.

Organizing Committee:

- Luigi Atzori, Department of Biomedical Sciences, University of Cagliari, Cagliari, Italy, latzori@unica.it
- Jules Griffin, Department of Biochemistry, University of Cambridge, Cambridge, UK, jules.griffin@mrc-hnr.cam.ac.uk
- Patricia Rodriguez-Tomé, Biomedicine, CRS4, prtome@crs4.it

Registration

The school fee is 300 Euros and includes accommodation, coffee breaks, lunches, and the dinners.

For **detailed information** about the Summer School in Sardinia visit:

<http://sites.unica.it/metabolomicaclinica/events/summer-school-2014/>