

Short course in Metabolomics

9:30-18:30 pm- Wednesday 23rd January 2013

Programme

9:30	<i>Reception and course material delivering</i>
9:45	Introduction
10:15	Experimental design
11:15	<i>Coffee break</i>
11:30	Sample preparation
12:00	Sample analysis by mass spectrometry (MS) and nuclear magnetic resonance (NMR)
13:30	<i>Lunch</i>
14:30	Data pre-processing for NMR, LC/MS and GC/MS
15:45	Statistical analysis
16:30	Metabolite identification
17:30	Applied metabolomics
18:30	Closing remarks

Lecturers: Antoni Beltran, Maria Vinaixa, Miguel A. Rodriguez, Jesus Brezmes, Xavier Correig, Oscar Yanes

The course is intended for the scientist who wants an introduction to metabolomics, with an emphasis on practical, mass spectrometry- and NMR-based approaches. Some familiarity with mass spectrometry and/or NMR and analytical chemistry is preferred, but background will be provided.

Free online registration through http://www.ctns.cat/CTNS_formacio

Place:

Sala Polivalent
Technology Centre of Nutrition and Health (CTNS)
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