



Training in protein quantitation

Quantification of proteins using isobaric mass tags (iTRAQ)

Description

The aim of the course is to introduce participants into the mass spectrometry methodology to quantify proteins by using isobaric mass tags, iTRAQ. The course will be divided in theoretical, experimental and data analysis sections and application.

Location: Parc Científic de Barcelona (PCB), Spain

Number of participants: max. 10, **Fee** 80€*

Date: March 27th to 28th 2008

Duration: 2 Days

Organizer: ProteoRed education and training group

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C o n t e n t s

Day 1

- 1) Introduction talk
- 2) Introduction to Biomarkers discovery
- 3) Start iTRAQ labeling
- 4) Labeling: practical tips and tricks
- 5) Sample preparation
- 6) "Aplicando la técnica iTRAQ a muestras reales"
- 7) Sample Analysis
- 8) State-of-the-art performance in LC Maldi protein analysis
- 9) Discussion and Conclusions day 1

Day 2

- 1) Practical session on Protein Pilot
- 2) "Utilización de la metodología de iTRAQ en el estudio de la cardiopatía hipertensiva"
- 3) Biomarker continuum
- 4) Final questions and conclusions

Teaching Staff

Antonio Serna, ABI, Madrid
Chiara Baroglio, ABI,
Cristina Chiva, UPF, Barcelona
Mari Luz Valero, IPF, Valencia
Rod Watson, ABI,

*Registration should be done until **March 14th**. Course enrollment is limited and reserved as first come basis.

**Payment should be done by bank transfer to "Caixa Catalunya" account: 2013.0219.71.0200877896, stating "Proteomica iTRAQ Course – Name and Surname" as reference.