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 Cientific 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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Contents

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 estudios 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
Marí 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.