Basic Course on Proteomics

To be hold on 3th of July 2008,
at CIC bioGUNE, Technology Park of Bizkaia, Building 800

9:30- 10:15 Introduction, *by Felix Elortza*

-Proteomic analysis: General considerations.
-Experiments you can do prior to mass spectrometry analysis and things to have in mind.
-Mass spectrometry: Some basic concepts.

10:20-11:05 MALDI TOF/TOF Analysis, *by Ibon Iloro*

-Protein Identification by Peptide Mass Fingerprinting (PMF) and Peptide Fragment
   Fingerprinting (PFF).
-How to analyze data obtained by MALDI TOF.
-Other applications: Linear Mode analysis and *de novo* sequencing by SPITC derivatization.

11:10-11:40 Coffee break

11:40-12:25 Proteomic analysis with nLC Orbitrap XL, *by Juan Casado*

-Introduction and specific features of the system.
-Post-translational modification analysis. E.g. Phosphorylation.
-*Sequest*: How to interpret data obtained by Orbitrap.

12:30-13:15 Proteomic analysis with nUPLC Q-TOF Premier, *by Eva Rodríguez*

-Introduction and specific features of the system.
-Quantification based on nLC MS/MS: iTRAQ.
-*Mascot*: How to interpret data obtained by Q-TOF Premier.

13:20-13:50 Final considerations.

Registration will be free.
Deadline for registration: 27th of June.
Number of attendees: Max 85.
How to register; send an e-mail with the information asked below to info@cicbiogune.es,
indicating in subject: "Basic Course on Proteomics".

REGISTRATION

Surname:……………………………….........................Name:…………………………………
Research Centre/Company:…………………………………………………………………………..
Activity:………………………………………………………………………………………………..
Address:………………………………………………………………………………………………
Tel::………………….Fax:……………………………………………………………………………..
E-mail:…………………………………………………………………………………………………