



BIOINFORMATICS ANALYSIS FROM PROTEOMICS DATA WORKSHOP

CIC (USaI-CSIC) SALAMANCA 15th March 2010: 9:00h - 18:00h

Organizers

Juan Pablo Albar

Xosé Bustelo

Speakers

ProteoRed

Juan Pablo Albar

Montserrat Carrascal

Salvador Martínez.

Emilio Salazar

Alberto Medina

Guests

Pierre Alan Binz

Eduardo González Couto

Kenny Helsens

Andy Jones

Patricia Palagi

Javier De Las Rivas

Juan Antonio Vizcaíno

<i>Introduction</i> J. Pablo Albar and Xosé Bustelo	
1st Session. MultiCenter Projects. Collaborative environment. Chairs: Alberto Medina and Pierre Alain Binz.	
9:15 – 9:45	<i>ProteomExchange</i> J. Antonio Vizcaino, EMBL-EBI, Cambridge, UK
9:45 - 10:15	<i>MIAPes in ProteoRed Multicentric Experiments</i> Salvador Martínez, ProteoRed, CNB-CSIC, Madrid, SP
10:15 – 10:45	<i>OmicsHub Proteomics: Recent use cases</i> Eduardo González Couto, Integromics, Tres Cantos, SP
Coffee Break (30 min)	
2nd Session. Proteomics bioinformatics applications. Chairs: Juan Pablo Albar and Javier de las Rivas	
11:15 – 11:45	<i>New improvements in MIAPE generation: MIAPE API</i> Emilio Salazar, ProteoRed, CNB-CSIC, Madrid, SP
11:45 – 12:15	<i>LC/MS data processing for label-free quantitative analysis with MSight and SuperHirn and other MS stories.</i> Patricia Palagi, Swiss Institute of Bioinformatics (SIB), Geneva, SW
12:15 – 12:45	<i>Data validation and annotation: PrideViewer & PIKE</i> Alberto Medina, ProteoRed, CNB-CSIC, Madrid, SP
12:45 – 13:15	<i>MS-LIMS and friends: tools to store and analyze large scale proteomics data</i> Kenny Helsens, Gent University, BEL
Lunch (1h 15min)	
3rd Session. Proteomics Standards: Current Status. Chairs: Salvador Martínez and J. Antonio Vizcaino.	
14:30 – 15:00	<i>To be confirmed</i> Pierre-Alain Binz, GeneBio, Swiss Institute of Bioinformatics, Geneva, SW
15:00 – 15:30	<i>Data standards developed by the Proteomics Standards Initiative</i> Andy Jones, University of Liverpool, UK
15:30 – 16:00	<i>Phosphosite characterization in human T-cell proteome: Minimal Information About Sample Preparation for Phosphoproteomics (MIASPE)</i> Montserrat Carrascal, ProteoRed, LP-CSIC-UAB, Barcelona, SP
16:00 – 16:30	<i>From single proteins to protein interactions and protein networks derived</i> Javier De las Rivas, CIC-USAL, Salamanca, SP
Coffee Break (30 min)	
Discussion Panel Chairs: J. Pablo Albar and Pierre-Alain Binz.	
17:00-17:30	<i>Close</i> J. Pablo Albar