

Swiss Proteomics Society

2008 Interactive Training Initiative



Applied Proteomics – Tips & Tricks

on-site applied training course with international debriefing workshop

Training Course Proposal Form

Proposed Title: Two-dimensional gel electrophoresis of raw and concentration-linearized samples followed by protein identification.
Brief Description (100 words max.): We propose a training in 2D-GE followed by protein identification. Blood samples (plasma, serum or red blood cell cytosolic fraction) will be analysed by analytical and semipreparative 2D-GE before and after protein concentration linearization with the ProteoMiner™ technology. Selected protein spots will be excised and identified by MALDI-TOF and LC-MS/MS. Important steps of the whole process will be critically reviewed, from sample preparation to database query. Depending on the interest of participants, the DIGE approach will also be discussed. This training will provide an initial experience in 2D-GE and familiarize participants with the protein linearization technique.
Location (Institute name and town): Service Régional Vaudois de Transfusion Sanguine, Lausanne, and Protein Analysis Facility, UNIL, Lausanne
Maximum number of participants (2-10): 4-6
Duration (1-5 days): 4
When: between September 18 and November 14, 2008 (preferentially during October)
Organizing laboratory: SRTS-VD, rue du Bugnon 27, 1005 Lausanne, together with Protein Analysis Facility, Center for Integrative Genomics, University of Lausanne
Contact person: Niels Lion, Manfredo Quadroni
Postal address: SRTS-VD, rue du Bugnon 27, 1005 Lausanne, together with Protein Analysis Facility, Center for Integrative Genomics, University of Lausanne
Phone: +41 (0)21 692 5676
Email: niels.lion@mavietonsang.ch , manfredo.quadroni@unil.ch