

Swiss Proteomics Society

2006 Interactive Training Initiative



Applied Proteomics – Tips & Tricks

on-site applied training course with international debriefing workshop

Training Course Proposal Form

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| Proposed Title : absolute quantitation of proteins by isotope dilution mass spectrometry |
| Brief Description (100 words max.): The course will focus on different MS-based approaches for detection and absolute quantitation of peptides and proteins in body fluids or organs for PK-ADME studies. To this end, we like to use stable isotope labelled analogues as internal standard, which allows accurate and sensitive measurements by LC-MS (single quadrupole), LC-MS/MS /triple quadrupole or Q-TOF) or even by MALDI-TOF-MS. The two days will be dedicated to sample handling and data acquisition using several approaches. The objective will be to compare the data that can be obtained on 3 different mass spectrometers. |
| Location (Institute name and town): Atheris Labs, Plan-les-Ouates, Geneva |
| Maximum number of participants (2-10): 2 |
| Duration (1-5 days): 2 |
| When (proposed dates between September 18 and November 24, 2006): 2-3 November 2006 |
| Provisional budget (if necessary): |
| Organising laboratory: Atheris Labs |
| Contact person: Sophie Michalet and Reto Stöcklin |
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