Request Form: OSR user
Protein Microsequencing Facility: ProMiFa
Dibit 2, C1, 4th floor
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User informations:
Name:……………………………………Phone:……………………e-mail:………………
Lab:…………….Division:……………….Internal order/Grant ID:……………..……..
Signature of Group leader:…………………………

Requested analysis:
Protein characterization
Protein/peptide analysis by HPLC/MS and MS/MS
Sample purification (zip tip or similar) and intact protein MW determination by nanospray off line MS

Protein identification: PMF and sequencing
PTM-characterization: validation by Western Blotting and 2DE +/- removal of the PTM
Phosphorylation characterization by TiO₂ or IMAC enrichment and mass spectrometry
Identification of a spot or band by in gel digestion and LC-MS/MS

Biomarker profiling in biological samples by 2DE, image analysis and statistical evaluation
Differential protein display in control vs patient biological samples: plasma, serum, urine, tissue
Six samples: control vs treated/patient in triplicates

Quantitative protein profiling by mass spectrometry and statistical analysis
Differential protein display in two or more diverse conditions using:
iTRAQ or TMT labelling of peptides (run in technical duplicate)
SILAC methodology (run in technical duplicate)
Label-free approach (run in technical triplicate)

Metabolomics/Lipidomics by mass spectrometry and statistical analysis
Untargeted workflow for differential small molecules/lipids display in: plasma, serum, urine, tissues

Quantitative Metabolomics/Lipidomics by mass spectrometry and statistical analysis
Targeted workflow for specific small molecules/lipids display in: plasma, serum, urine, tissues

Access to MS

Data analysis
Sample informations (according to the wanted activity, fill in the fields):

Sample name or gel ID number:
Buffer/solvent composition:
Quantity and volume:
Expected mass (for peptides, indicate the protecting groups):
Organism or source of protein sample:
Number of bands/spots to be identified:

FACILITY USE ONLY:

Date of receipt: Analysis Performed:

N° of samples analysed: Cost (€):