

## WORKING WITH YOU

1. A preliminary meeting to discuss the project.
2. Evaluation of the appropriate analysis workflow.
3. Estimation of the cost.
4. Proteomic analysis after mutual agreement.
5. A written report.

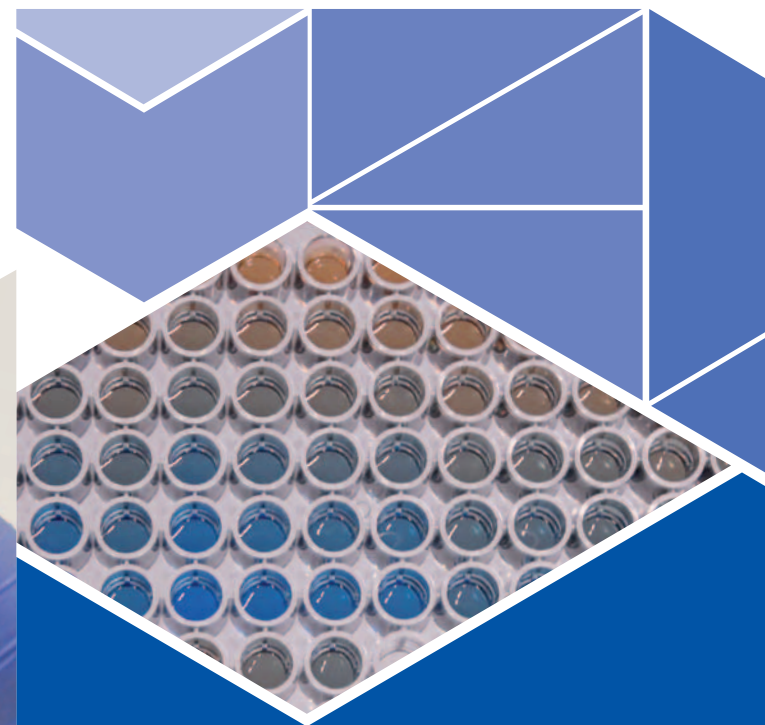
## ACCESS

The Proteomics Platform is open to academic laboratories and private companies by different ways:

- ▶ Research collaboration.
- ▶ Industrial partnership.
- ▶ Service request.

## PROTEOMICS PLATFORM

Navarrabiomed Proteomics Platform provides proteomic technology services to the academic and industrial scientific communities.

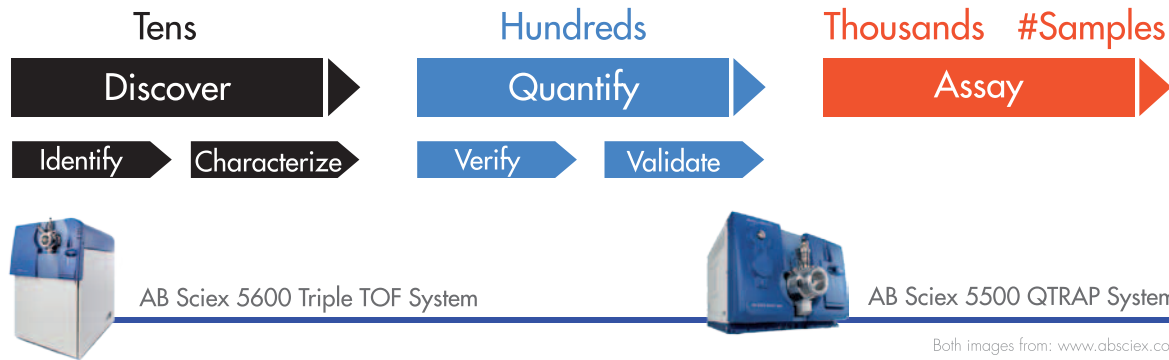


## CERTIFICATIONS

The Proteomics Platform is certified by ISO 9001: 2008 and is member of ProteoRed-ISCIIL:



## PROTEIN RESEARCH PIPELINE



## CONTACT

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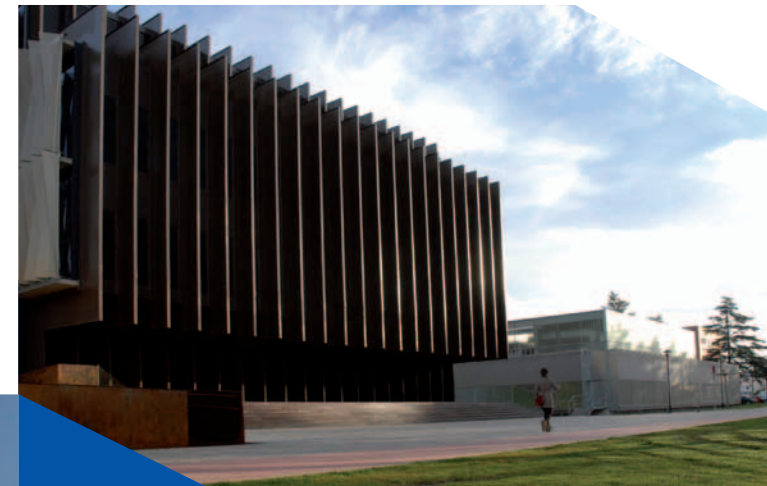
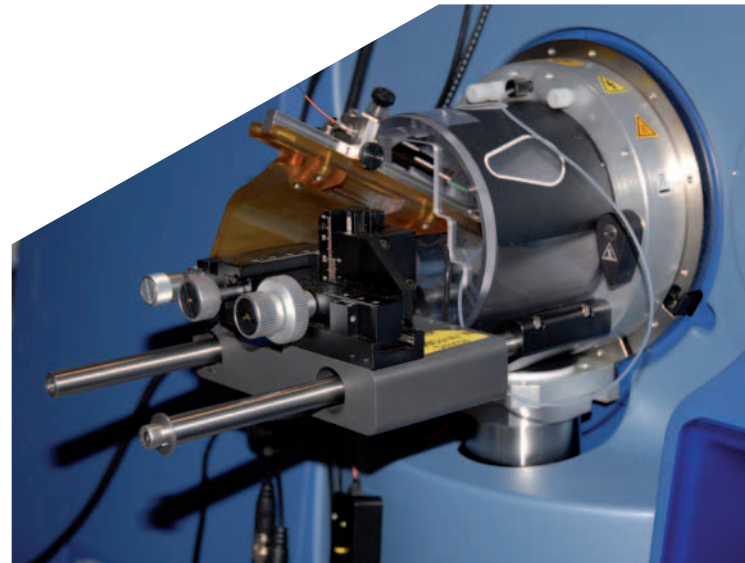
## SERVICES

- ▶ Scientific and Technological Consulting for Proteomics projects.
- ▶ Protein extraction and sample preparation:
  - Protein extraction from tissues, cellular culture and biofluids.
- ▶ Protein and Peptide fractionation:
  - Liquid Chromatography fractionation by HPLC (Reverse Phase and SCX).
  - Electrophoretic Fractionation (mono- and bidimensional).
  - Subcellular fractionation.
- ▶ Mass spectrometry analysis:
  - Protein characterization.*
    - Determination of protein molecular weight.
    - Protein Identification.
    - Characterization of protein posttranslational modifications (PTM).
  - Quantitative proteomics by iTRAQ and Label-free analysis.*
- ▶ MRM (Multiple Reaction Monitoring).
  - Design of MRM assays for peptide and protein quantification.
  - Verification of MRM assays in complex samples.
- ▶ Bioinformatic Analysis.
  - Biological Interpretation and functional analysis.

## APPLICATIONS

The proteomics Platform activity is grouped in two areas:

- ▶ Biomedicine and health, with particular emphasis in Clinical Neuroproteomics.
- ▶ Agricultural applications and Microbiology.



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