

# UE Proteomics for health research



Niveau d'étude  
Bac +5



ECTS  
3 crédits



Composante  
UFR Pharmacie

- > **Langue(s) d'enseignement:** Anglais
- > **Ouvert aux étudiants en échange:** Non

## Présentation

### Description

Introduction to proteomic principles and applications.

Principles of mass spectrometry.

Protein analysis by mass spectrometry.

Overview of separation methods and strategy.

Principles of bioinformatics and identification methods in proteomics.

Quantification methods in proteomics.

Study of post-translational modifications.

Data analysis, ontology.

Interactomics.

Methods for research and validation of biomarkers.

Methods for characterization of biopharmaceutical products.

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## Heures d'enseignement

UE Proteomics for health research - CMTD

Cours magistral - Travaux dirigés

50h

**Période** : Semestre 9

## Infos pratiques

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### Lieu(x) ville

› Grenoble

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### Campus

› Grenoble - La Tronche domaine de la Merci