UCLouvain

wfarm2266

2023

Analysis of biotechnology drugs

3.00 credits	22.5 h	Q1

Teacher(s)	Bindels Laure ;Muccioli Giulio (coordinator) ;
Language :	French > English-friendly
Place of the course	Bruxelles Woluwe
Learning outcomes	
Evaluation methods	The evaluation will consist of a personal integration work presented orally.
Teaching methods	The teachers will approach the key concepts by using concrete examples. A part of the course will give the students the opportunity to approach the issue of the analysis of biotechnological drugs through more personal (bibliographical) research.
Content	Like chemically synthesized drugs, biotechnology-derived drugs require quality control before they can be marketed. In this course, the teachers will address the following concepts: • How to determine, depending on the nature of the substance (e.g. peptide, enzyme, vaccine, antibody, etc.), the structure and concentration of a biotechnology drug. • How to evaluate the activity of a biotechnology drug in the context of quality control. • What factors can affect the stability of these drugs and how to study this stability.
Bibliography	La pharmacopée européenne offre de nombreux exemples d'analyse de médicaments issus des biotechnologies.
Faculty or entity in charge	FASB

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Biomedicine	SBIM2M	4		
Master [120] in Pharmacy	FARM2M	3		