wbicl2100m

2019

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

5 credits	45.0 h	Q2

Teacher(s)	Leal Teresinha (coordinator) ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	Preanalytics Analytical methods Quality controls Clinical enzymology List of the major biochemical biomarkers (liver, kidney, cardiac, pancreatic functions, lipids, cystic fibrosis, etc) Clinical interpretation
Aims	*The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Content	The first part of the lecture will review all required preanalytical conditions (blood sampling, stability,). The second part will include assessment of analytical performances (reproducibility, sensitivity, specificity, ROC curve,). Among general topics, there will be clinical enzymology, Westgard rules, basis of automation, Among specific topics: oligoelements, porphyrias, urinanalysis, lipids, proteins, blood gas, cystic fibrosis diagnostic, bone markers, tumor markers, cardiac markers, pancreatic markers, kidney, thyroid, liver... The third part will be dedicate to protocols and validations (hemoglobinopathies, protein electrophoresis, therapeutic drug monitoring,).
Other infos	Evaluation : written exam Support : slides available on I-campus
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Aims
Advanced Master in Clinical Biology	BCMM2MC	5		🔍