UCL
Université catholique de Louvain

WBICL2103
2016-2017

Complements in Virology

6.0 credits	45.0 h + 45.0 h	2q

Teacher(s) :	Kabamba-Mukadi Benoît (coordinator) ; Goletti Sylvie ; Ruelle Jean ; André Emmanuel ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	General themes In the first part of the course, fundamental notions of virology are thoroughly revised: virus definition, structure of viral particles and classification, study of the replication of different groups of viruses, critical evaluation of virological methods, viral therapeutics (immunisation, serotherapy, antivirals). In the second part certain viruses, which are important in human pathology, are systematically reviewed.
Aims :	To give to the student a training in general virology and in medical virology *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 :	Contents and methods Contents: Structure, morphology, biochemistry of viruses and examples of cycles Nucleic acid replication in different virus groups Principles of prevention, of vaccination and of treatment Viral diagnosis Specific subjects: HIV, hepatitis viruses, herpesviridae, viruses and pregnancy, viruses and immune suppression This list is not complete and may be modified according to opportunities in the different years. Our purpose is to review in depths a few viruses.
Other infos :	Prerequisite is to have followed a basic course in virology (microbiology in MED13, MCBL1330, virology in FARM22, FARM 2281, or microbiology part 2 in DENT 21, MCBL2117) 45 hours of practical exercises are only intended for pharmacists specialising in laboratory medicine. Evaluation is by an oral examination
Faculty or entity in charge:	SBIM

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Advanced Master in Clinical Biology	BICL2MC	6	-	🔍