WRDTH3131

2015-2016

Radiobiologie

2.0 credits	22.5 h

Teacher(s) :	Scalliet Pierre (coordinator) ; Grégoire Vincent ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	0 Radioactivity, production of radiation beams, "Radiation Quality" o Interaction of radiations with matter : first physical effects o Effects of radiations on ADN o Effects of radiations on cells o Cell survival curves and mathematical models o Dose-effect relationships and radiobiological concepts o Early tissular effects of an irradiation o Late tissular effects of an irradiation o Oxygen effect o Chemical modifier of radiosensitivity o Discussion
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".*
Faculty or entity in charge:	MED

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

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Physics	PHYS2M	2	-	
Master [120] in Biomedical Engineering	GBIO2M	2	-	
	RCPA9CE	2	-	
	RCPB9CE	2	-	
	RPHY9CE	2	-	
	RFAR9CE	2	-	
	RMDT9CE	2	-	