


2 credits

15.0 h



This learning unit is not being organized during this academic year.

Language :	French
Place of the course	Bruxelles Woluwe
Main themes	General introduction: ionizing radiations, concepts of radiobiology. Reminder of cellular and molecular biology: the genome, the cellular cycle, the intracellular communication. Effect of ionizing radiations on the integrity of the genome: spectrum and distribution of the lesions, mechanisms of repair. Ionizing radiations and apoptose: implication in carcinogenesis and therapy. Syndromes of hyper-sensitivity to ionizing radiations: implication in carcinogenesis and therapy. Biological dosimetry: techniques, utility and limitation
Aims	<i>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".</i>
Faculty or entity in charge	CRPR

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
	RMDT9CE	2		
Specialised master in radiotherapy-oncology	RDTH2MC	2		