

2.0 credits	15.0 h
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Teacher(s) :	Grégoire Vincent ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	<p>General introduction: ionizing radiations, concepts of radiobiology.</p> <p>Reminder of cellular and molecular biology: the genome, the cellular cycle, the intracellular communication.</p> <p>Effect of ionizing radiations on the integrity of the genome: spectrum and distribution of the lesions, mechanisms of repair.</p> <p>Ionizing radiations and apoptose: implication in carcinogenesis and therapy.</p> <p>Syndromes of hyper-sensitivity to ionizing radiations: implication in carcinogenesis and therapy. Biological dosimetry: techniques, utility and limitation</p>
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>
Cycle and year of study :	<p>> Advanced Master in Radiotherapy-Oncology</p> <p>> Certificat universitaire en radioprotection pour les médecins du travail</p>
Faculty or entity in charge:	CRPR