

3 credits

35.0 h

Q1

Teacher(s)	Coulie Pierre coordinator ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	cellular biology, bacteriology, virology, molecular biology, genetics. <i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	Main discoveries that lead to the identification of antibodies, HLA molecules, B and T lymphocytes, and of the main interactions between immune cells, involving or not soluble agents. Description of the main components of innate immunity. Integrated view of all these components at work in infectious diseases, vaccination, autoimmune diseases, cancer, transplantation and hypersensitivity reactions.
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>
Evaluation methods	written examination with exercices, short answers or essays. No multiple choice.
Teaching methods	Yearly updated syllabus (2 volumes), slides.
Content	The main concepts are introduced with an historical perspective and the explanation of the principal experimental facts that have led to a major discovery.
Bibliography	<u>Supports</u> : - Syllabus illustré et complet (français), comprenant plus que la matière sujette à examen, pour les étudiants intéressés (cette partie supplémentaire est écrite en un caractère plus petit et donc facilement identifiable). - Documents projetés au cours (anglais) disponibles sur icampus. - Cours podcasté. - Exercices corrigés disponibles sur icampus, similaires aux questions d'examen. - Livres de références (anglais) mentionnés au début du cours, mais ils ne sont pas nécessaires pour l'examen.
Faculty or entity in charge	SBIM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Dentistry	DENT1BA	3	WMEDE1101 AND WMENT1111 AND WMENT1213 AND WMENT1204 AND WFARM1282T AND LANGL1856	