



Course unit English denomination	A journey with the cytotoxic lymphocytes
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SS	MEDS-02/A
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Teacher in charge (if defined)	Prof. Denis Martinvalet
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Teaching Hours	10
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Number of ECTS credits allocated	2
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Course period	To be defined
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Course delivery method	<input checked="" type="checkbox"/> In presence <input type="checkbox"/> Remotely <input type="checkbox"/> Blended
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Language of instruction	English
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Mandatory attendance	<input checked="" type="checkbox"/> Yes (80% minimum of presence) <input type="checkbox"/> No
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Course unit contents	<p>The course includes the following lessons:</p> <ol style="list-style-type: none">1. Self / non-self for the cytotoxic lymphocytes: A general introduction to basic immunology.2. Cytotoxic lymphocytes in the body: Histology of the lymphoid tissues.3. Development, function and pathology of cytotoxic lymphocytes.4. Mechanisms of lymphocyte cytotoxicity.5. Cytotoxic lymphocytes in the clinic.
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Learning goals	<p>The goal of this course is to familiarize the attendees to the fundamental principles of the physiology of the immune system. We will follow the life cycle of the cytotoxic lymphocytes to instil these fundamental principles of immunology.</p> <ol style="list-style-type: none">1. Self / non-self for the cytotoxic lymphocytes: A general introduction to basic immunology. This first lecture offer a definition of the immune system doted with interoception monitoring the integrity of the entire organism. We will develop the self/non-self concept.2. Cytotoxic lymphocytes in the body: Histology of the lymphoid tissues. This lecture offer an exploration of the organ of the immune system and their specific role in the development differentiation and activation of the immune cells.
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