

2.0 credits

15.0 h

Teacher(s) :	Tomasi Jean-Paul ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	<p>Autoimmune serology is indispensable for both initial evaluation and monitoring the course of patients with autoimmune diseases.</p> <p>The first module addresses to the theoretical basis of autoimmunity and explores the basic mechanisms that might lead to a breakdown in tolerance and to autoimmune disease.</p> <p>The second module looks at the interpretation of diagnostic tests in systemic autoimmune diseases. Diseases studied include rheumatoid arthritis SLE, Sjogren's syndrome, polymyositis scleroderma and vasculitis. Serological assays include rheumatoid factor, anti-cyclic citrullinated peptide, anti-nuclear antibody (ANA), anti-DNA antibody, anti-mitochondrial antibody (AMA), anti-smooth muscle antibody (ASMA), anti-Smith (Sm), anti-RNP, SSA, SSB, SCL70, Jo-1, anti-neutrophil cytoplasmic antibody, MPO and PR3.</p> <p>The third module focusses on organ-specific autoimmunity. Several diseases are then studied, looking at their immunodiagnosis. These diseases includes autoimmune skin blistering diseases, autoimmune liver diseases, Menière's disease and autoimmune gut disease.</p> <p>The final module looks at recent innovations concerning the use of analyser to test for common autoantibodies.</p>
Aims :	<p>The major goal of the program is to provide comprehensive training for the identification of antibodies associated with autoimmune diseases.</p> <p><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></p>
Content :	The course provides comprehensive training for individuals desirous of combining clinical diagnostic interpretation with current research technology in autoimmunity.
Other infos :	Prerequisite is to have followed a basic course in immunology.
Cycle and year of study :	> Advanced master in Clinical Biology > Advanced Master in Clinical Biology
Faculty or entity in charge:	SBIM