

## Faculty of Medicine



### MEDI2109 Infectious diseases : clinical diagnosis and treatment

[47.5h] 4 credits

**Teacher(s):** Etienne Sokal, Bernard Vandercam, Christiane Vermylen, Francis Zech (coord.)  
**Language:** French  
**Level:** Second cycle

#### Aims

The students will learn the clinical work for adults and children presenting with fever or with another sign suggestive of an infectious disease. The utility and the accuracy of the signs and the symptoms for every diagnostic will be criticized. The students will learn how to appreciate the degree of severity and emergency of the infections of adults and children, and how to organize their search for the identification of the cause. The students will learn when an antibiotic is needed, and how to evaluate the result of this treatment. The multisystemic infectious diseases will be studied in depth.

#### Content and teaching methods

General manifestations of infection.  
 Infections with signs in the respiratory airways: upper and lower.  
 Infections with abdominal signs: pain, icterus, or diarrhoea.  
 Infections with signs in the genito-urinary tract.  
 Infections with cutaneous signs: rash and localized inflammations.  
 Infections with neurological signs; irritation of the meninges.  
 Infections with osteo-articular signs.  
 Infections with signs of bacteraemia.  
 Infections with signs coming from the heart.  
 Recognition and management of the patients sero-positive for HIV.  
 Every topic is studied specifically for adults and for paediatric practice.  
 Therapeutics of these diseases, with knowledge of the evidence-based treatments.  
 Pharmacology of the antibiotics, with emphasis on those accessible in family practice.  
 The informations given during the course are completed by written notes.

#### Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Complementary facultative courses: tropical hygiene; tropical diseases (complementary course); strategy for a good usage of the laboratory and of the antibiotics for the infectious diseases

#### Programmes in which this activity is taught

**FARM3DS/HO** Diplôme d'études spécialisées en sciences pharmaceutiques  
 (pharmacie d'hôpital)

#### Other credits in programs

<b>FARM31DS/AN</b>	Première année du diplôme d'études spécialisées en sciences pharmaceutiques (analyses biologiques)	(4 credits)	Mandatory
<b>FARM3DS/HO</b>	Diplôme d'études spécialisées en sciences pharmaceutiques (pharmacie d'hôpital)	(4 credits)	Mandatory