

## Faculty of Medicine



### ANPG1300 General Pathology

[10h+20h exercises] 2 credits

This course is taught in the 2nd semester

**Teacher(s):** Etienne Marbaix, Jacques Rahier  
**Language:** French  
**Level:** First cycle

#### Aims

Study of general pathology integrating the various disease processes: degeneration, altered metabolism, circulatory disorders, inflammation and neoplasia. The educational objectives are to get acquainted with the terminology and to understand the significance of the lesions; to recognize gross and microscopic lesions; to learn how to describe the lesions and the methods for their analysis.

#### Main themes

The activity is divided in 10 lectures of one hour each and 10 practicals of two hours each. The cellular adaptative processes, the intra- and extracellular accumulations, the mechanisms of cell death, vascular and circulatory disorders, inflammation, immunity disorders and neoplasia are successively envisaged. Common or exemplative pathologies are used to illustrate the lectures

#### Content and teaching methods

Lectures refer to the basic notions of common pathologies regarding cell death (necrosis and apoptosis), cellular and tissue adaptation, intra- and extracellular deposits and overload, inflammation, immunity problems, circulatory disorders and benign and malignant neoplasia. Morphological techniques used to reach a diagnosis are also described.

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

Knowledge of human histology is required. Evaluation is a written exam including a practical approach with recognition and description of microscopic lesions. A summary of the lectures is available. A textbook of general and systematic pathology is recommended.

#### Programmes in which this activity is taught

**FARM3DS/AN** Diplôme d'études spécialisées en sciences pharmaceutiques  
(analyses biologiques)

#### Other credits in programs

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| <b>FARM32DS/AN</b> | Deuxième année du diplôme d'études spécialisées en sciences pharmaceutiques (analyses biologiques) |             | Mandatory |
| <b>MED13</b>       | Troisième candidature en médecine  | (2 credits) | Mandatory |
| <b>SBIC21</b>      | Première licence en sciences biomédicales (sciences biomédicales cliniques)                        | (2 credits) | Mandatory |