

Faculty of Medicine



FARM2290 General pathophysiology

[30h] 3 credits

This course is taught in the 2nd semester

Teacher(s): Olivier Feron, Michel Lambert (coord.)
Language: French
Level: Second cycle

Aims

To acquire the knowledge and the skills allowing to understand the pathophysiological mechanisms of common disorders, the rational of diagnostic approach and therapeutics.

Purpose of the matter

General pathophysiology teaching aims at presenting most common disorders, emphasizing the logical and temporal relationships between etiology, pathophysiology and clinical symptoms (natural course of the disease). Consequently, diagnostic approach and therapeutical principles are discussed.

Main themes

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Content and teaching methods

Lectures covering most common disorders useful for students in pharmacy and biomedical sciences : arterial hypertension - heart failure - ischemic cardiomyopathy - emphysema - chronic obstructive lung disease and asthma - gastroduodenal ulcer - malabsorption - liver and biliary diseases - diabetes - thyroid disorders - renal disorders - blood and rheumatic diseases - neoplastic disorders

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

Requisite : knowledge of cytology, histopathology, anatomy, biochemistry and human physiology.

References : GUYTON, Human physiology and mechanisms of diseases.

RUBBINS, Pathologic basis of disease.

Exam : multiple choice questions.

Programmes in which this activity is taught

ESP3DS Diplôme d'études spécialisées en santé publique
ESP3DS/ST Diplôme d'études spécialisées en santé publique (santé au travail)
NUT2 Licence en sciences biomédicales (nutrition humaine)

Other credits in programs

BIOL22/A	Deuxième licence en sciences biologiques (Biologie moléculaire, cellulaire et humaine)	(3 credits)	
BIOL22/B	Deuxième licence en sciences biologiques (Biologie des organismes et des populations)	(3 credits)	
ESP3DS/TI	Diplôme d'études spécialisées en santé publique (santé au travail - toxicologie industrielle)		
FARM21	Première année du grade de pharmacien	(3 credits)	Mandatory
NUT21	Première licence en sciences biomédicales (nutrition humaine)		Mandatory
SBEX21	Première licence en sciences biomédicales (sciences biomédicales expérimentales)		Mandatory
SBIC21	Première licence en sciences biomédicales (sciences biomédicales cliniques)		Mandatory
SCOM21	Première licence en sciences de la santé publique (Promotion de la santé, programmes et services de santé communautaire)	(3 credits)	
TOX21	Première licence en sciences biomédicales (toxicologie)		Mandatory