

# Biochimie médicale et éléments d'hématologie

**Lecturer**

Frédéric COTTON (Coordinator)

**Course mnemonic**

MEDI-J402

**ECTS credits**

5 credits

**Language(s) of instruction**

French

**Course period**

First and second terms

## Course content

Rational use of clinical chemistry; Laboratory test interpretation; Pathological processes; Function and troubles of the liver, kidney, hydroelectrolytic equilibrium, hormonal systems, phosphocalcic metabolism, carbohydrate metabolism, lipid metabolism; Plasma proteins, Inflammatory, cardiac and tumoral biomarkers; Inherited errors of metabolism; Laboratory practice: blood and urine constituent determinations, method evaluation.

## Objectives (and/or specific learning outcomes)

Acquire knowledge in pathological and clinical chemistry useful for pharmacists

## Pre-requisites and co-requisites

### Course having this one as co-requisit

PHAR-J414 | Approche pratique de la biochimie médicale et de la toxicologie clinique expérimentale | 5 crédits

## Teaching method and learning activities

Ex cathedra courses, interactive seminars, laboratory practice

## Other information

### Contact(s)

Institut de Pharmacie, Service de Biochimie médicale, CP 205/3  
Alain Kumps : tél. : 026505326, e-mail : akumps@ulb.ac.be  
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## Evaluation method(s)

written examination

### Evaluation method(s) (additional information)

Written exam

## Programmes

### Programmes proposing this course at the faculty of Pharmacy

MA-PHAR | Master in Pharmacy | finalité Professional/unit 1