UE 4 BIOLOGICAL SCIENCES 2 – Biochemistry and enzymology

5 ECTS

Content

Classes*
- **Enzymology**
  - Determination of enzyme activity
  - Enzymatic assay of substrate
- **General biochemistry**
  - Energy metabolism, strategy, respiratory chain
  - Major mechanisms of metabolism regulation
  - Carbohydrate metabolism and specific control sites
  - Lipid metabolism and specific control sites
  - Protein metabolism and specific control sites
  - Biosynthesis of membrane lipids and steroids, cholesterol metabolism and control sites
  - Interconnection of the metabolic pathways
  - Reactive oxygen species

Tutorials*
- Enzymology
- General biochemistry

* Classes (all students in amphitheater), Tutorials (small groups of students)

Assessment

Final exam about classes and tutorials.

Contacts

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