

Biochemistry

Target group: (laboratory) technicians, nurses.

On completion of the course you will have:

A basic knowledge of biochemistry

Content:

Theory

- Structure, function and metabolism of biological macromolecules (proteins, carbohydrates, lipids, nucleic acids and their subunits)
- Cell and membranes, structure and function
- PH and buffers
- Enzymes
- Energy metabolism
- Flow of genetic information (replication, transcription, translation and regulation)
- Regulatory mechanisms that contribute to homeostasis in the human body

Practice

Basic biochemical experiments (two half days)