Biochemical Techniques

Lecture-Nr.: 53813
Type: lecture
Duration: 2 hours per week (winter)
Method of Assessment: written examination (in combination with lab course “Biochemical Methods including Clinical Chemistry” and lectures “Selected Topics in Biochemistry / Introduction to Clinical Chemistry” and “Introduction to Biotechnology”)
ECTS Credit Points: 2

Topics:
“Biochemical” buffers, buffer additives, sample preparation, folding, solubility, stability of proteins, isolation and characterization of proteins and nucleic acids, bio-chromatography, absorption spectroscopy (biochemical applications), analysis of amino acids, peptides and proteins, electrophoretic techniques, radiochemistry, ligand binding, immunochemistry

Literature:
2. Lottspeich; Engels: Bioanalytik, Spektrum Akademischer Verlag, Heidelberg.

Contact Information:
Prof. Dr. Armin Buschauer
Department of Pharmaceutical and Medicinal Chemistry II
Phone +49 941 943-4827
E-mail Armin.Buschauer@ur.de