

MOTIVATION

This course is composed of three theoretical and three practical sub-courses. The individual sub-courses should provide students simple and quick approaches needed for solving basic scientific problems that could rise during the course of their bachelor, diploma or PhD study. The first set of course will allow students to gain knowledge about protein cloning, expression and purification. The second part focuses on biochemical characterization of enzymes via their enzymatic activity as well as protein-protein interactions. The third set will provide simple biochemical methods to detect protein-protein and protein-DNA interactions as well as monitor motor activity of protein.