

Practice Rotation classes at the Department of Molecular Carcinogenesis will be organized in two separate blocks of laboratory work and bioinformatic analysis.

Laboratory (150 h, 5 ECTS)

Bacterial genotyping in the various environmental, social and clinical aspects.

Students will have the opportunity to learn and experience practically several techniques of molecular biology. During the course they will perform an assessment of microbial contamination by genotyping environmental isolates of *Escherichia coli*, a human genetic fingerprint created by genotyping the microbiota of the oral cavity and identification of bacterial strains responsible for the occurrence of caries.