

Institut za molekularnu genetiku i genetičko inženjerstvo

Laboratory for molecular biology

Naučna oblast (Frascati Manual)

Other biological topics

Technologies involving identifying the functioning of DNA, proteins and enzymes and how they influence the onset of disease and maintenance of well-being (gene-based diagnostics and therapeutic interventions (pharmacogenomics, gene-based therapeutics))

Kratak opis ekspertize

genotype-phenotype correlation, investigation of molecular mechanism of cardiovascular (thrombosis, cardiomyopathy), malignant, neuromuscular and respiratory (cystic fibrosis).

Ključne reči

biomarkers, , pharmacogenetics, personalised medicine, confocale microscopy, next generation sequencing, functional analyses of genetic variants, zebra-fish