

# GENETIC TECHNOLOGIES IN AGROBIOLOGY

Master study program



## Profile of Graduate

Graduate of the study program of "Genetic Technologies in Agrobiology" is able to analyze, design and apply biological, technical and technological-economic solutions in plant and animal production. Its unique application is in the field of new genotypes of plants and livestock by methods of genetic technology, in effective plant breeding and welfare management of livestock. It also applies to rescue and biodiversity protection of plants and animals, as well as to address agro-environmental biosecurity issues. The graduate is able to creatively apply optimized methods of plant and animal genome identification, analyze the relationships of genetic foundation in the context of quality of production, its nutritional level and health security.

## Enforcement of Graduate

The graduate will apply as an expert for genetic evaluation of plants and animals within state and private control, breeding and selection institutes, as well as in biological services focused on the protection of plant and animal biodiversity. The graduate will apply not only in the field of research and education, but also in the field of professional activity within the business strategies of biotechnological commercial subjects.

## Study program supervisor

prof. Ing. Vladimír Tančin, DrSc.

### Contact

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