

List of Promotors (supervisors)

Doctoral study programme:

Sustainable Rural Development



prof. Ing. Jan Banout, Ph.D. – guarantor of the programme



Keywords: Food processing, food security, renewable energy, appropriate technology, rural development, developing countries

Member of [Food Security Research Group](#) and [Laboratory of Food Processing Technologies](#)

[CONTACT](#)

doc. Ing., Dr. sc. agr., Dr. sc. habil. Miroslava Bavorová



Keywords: Enviroment: adoption and diffusion of innovations, especially environmental sustainable ones, climate change, water issues; Youth, Labor and Migration: intention of young people to live in rural areas, motivation of youth to work in a agriculture and/or become a farmer; Compliance: law compliance behaviour, food quality and safety; Food Consumption and Food Security.

Member of [Behavioral Studies in Agri-Food Sector](#)

[CONTACT](#)

doc. Ing. Karolína Brandlová, Ph.D.



Keywords: Wildlife management, behavioural ecology, animal census and monitoring, antelope use and conservation, animal diversity conservation

Member of [Wildlife Management and Conservation Research Group](#)

[CONTACT](#)

Mgr. Barbora Černá Bolfíková, Ph.D.



Keywords: Molecular ecology, population genetics, conservation genetics, genomics, evolutionary genetics, hybridization, speciation, phylogeography, metabarcoding, species interactions

Member of [Mammalian Molecular Ecology Research Group](#) and [Laboratory of Molecular Genetics](#)

[CONTACT](#)

Ing. Tamara Fedorova, Ph.D.



Keywords: Husbandry of camelids, non-invasive methods of pregnancy diagnosis, reproduction in camels, zoo animals husbandry

Member of [Animal Physiology and Behaviour Research Group](#)

[CONTACT](#)

prof. Dr. Ing. Eloy Fernández Cusimamani



Keywords: Plant tissue cultures, plant biotechnology, plant breeding, crop production, Andean crops, ethnobotany of medicinal plant

Member of [Laboratory of Plant Tissue Cultures](#)

[CONTACT](#)

prof. RNDr. Pavla Hejčmanová, Ph.D.



Keywords: Biodiversity conservation and protected areas, resource ecology: soil-plant-animal interactions, processing and interpretation of biological data, management of research

Member of [Wildlife Management and Conservation Research Group](#)

[CONTACT](#)

doc. Ing. Bc. Tatiana Ivanova, Ph.D.



Keywords: Biomass processing, solid biofuels, energy & fuels, renewable energy, appropriate technologies, environmental engineering

Member of [Laboratory of Biofuels](#) and Biofuels Research Group

[CONTACT](#)

doc. Ing. Bohdan Lojka, Ph.D.



Keywords: Agroforestry, conservation of biodiversity, tree domestication, tree population genetics

Member of [Tropical Biodiversity Research Group](#)

[CONTACT](#)

Ing. Jana Mazancová, Ph.D.



Keywords: Biogas technology, renewable energy sources, gender equality, women's empowerment, rural extension, agri-cooperatives

Member of [Biogas Research Team](#) and [Cooperative Research Group](#)

[CONTACT](#)

doc. Ing. Zbyněk Polesný, Ph.D.



Keywords: Tropical botany, ethnobiology, agrobiodiversity, wild plant use, bio-cultural heritage

Member of [TRIBE | Tropical Botany and Ethnobiology Lab](#)

[CONTACT](#)

doc. RNDr. Ing Tomáš Rättinger, Ph.D.



Keywords: Agricultural economics, strategic studies, agricultural policy, R&D Support; economic impacts; econometric approaches; marketing information systems; household survey; social practices; agricultural research; co-integration analysis; knowledge stock; marketing cooperatives, food security and sustainable consumption

Member of [Cooperative Research Group](#)

[CONTACT](#)

Ing. Klára Urbanová, Ph.D.



Keywords: Analytical techniques (GC-MS, LC-MS), chemical analysis, chemical ecology, food analysis, volatile compounds, essential oil

Member of [Food Security Research Group](#) and [Laboratory of Food Processing Technologies](#)

[CONTACT](#)

prof. RNDr. Irena Valterová, CSc.



[CONTACT](#)

prof. dr. ir. Patrick Van Damme



Keywords: (Sub)Tropical agriculture, ethnobotany, (medical) plant domestication, agroecology, sustainable/integrated agricultural/(medicinal) crop (and food) production systems, integrated pest/disease management, biodiversity (management/sustainable protection), plant ecology, germplasm characterization, natural resources management, value chain, microfinance, rural development, sustainable development, ecophysiology, drought stress, salinity stress

[CONTACT](#)

Ing. Iva Viehmannová, Ph.D.



Keywords: Plant biotechnology, plant breeding, conservation of plant genetic resources, genetic biodiversity

Member of [Laboratory of Plant Tissue Cultures](#)

[CONTACT](#)