

List of Promotors (supervisors)

Doctoral study programme:

Agriculture in Tropics and Subtropics



doc. Ing. Bohdan Lojka, Ph.D. – guarantor of the programme



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

Member of [Tropical Biodiversity Research Group](#)

[CONTACT](#)

prof. Ing. Jan Banout, Ph.D.



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](#)

doc. Francisco Ceacero Herrador, Ph.D.



Keywords: Alternative farming, animal communication, animal science, antler quality and evolution, blood biochemistry, captive ungulates, deer, diet selection, handling of wild animals, herpetology, hormones, horn quality and evolution, milk production, mineral nutrition, parental investment, sex ratio, social networks, suckling/allosuckling, wild ungulates, wildlife management

Member of [Animal Physiology and Behaviour 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](#)

RNDr. Jiří Černý, Ph.D.



Keywords: Viruses, zoonoses, infectious diseases, arbovirus, ticks, mosquitoes, parasites, pathogens

Member of [e4 \(Ecology, Evolution, Emergence & Epidemiology of Zoonoses\) Research Group](#)

[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 Hejcmanová, 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](#)

prof. Ing. Ladislav Kokoška, Ph.D.



Keywords: Biologically active natural products, phytochemistry, food and agricultural chemistry, ethnobotany and ethnopharmacology

Member of [Laboratory of Ethnobotany and Ethnopharmacology](#)

[CONTACT](#)

prof. MVDr. Daniela Lukešová, CSc.



Keywords: Parasites of farm animals and pets, wildlife parasites, parasites ecology and epidemiology, parasite diagnostic and treatment, tropical veterinary medicine, travel medicine and neglected tropical diseases, small farm animal husbandry in TS, human nutrition and prevention of foodborne diseases in TS, game utilisation in TS

Member of [Animal Physiology and Behaviour 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. Mgr. Jan Šobotník, Ph.D.



Keywords: Termite biology, ecology, physiology, ontogeny, phylogeny; Termite-microbe associations and food digestion; Structure and function of insect body; Exocrine glands and their function; Arthropod defences

Member of [Termite Research Team \(TRT\)](#)

[CONTACT](#)

doc. RNDr. Ing Tomáš Rátinger, 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



[CONTACT](#)

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

Ing. Iva Viehmannová, Ph.D.



[CONTACT](#)

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

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