

List of Promotors for the academic year
2019/2020

Agriculture in Tropics and Subtropics



Czech University of Life Sciences Prague

Faculty of Tropical
AgriSciences

doc. Ing. Jan Banout, Ph.D.



- **Keywords:** food processing, food security, renewable energy, appropriate technology, rural development, developing countries
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Ing., Dr. sc. agr., Dr. sc. habil. Miroslava Bavorová



- **Keywords:** innovation adoption, agri-business economics, labour in agriculture, consumer behaviour, food safety regulation
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doc. Ing. Karolína Brandlová, Ph.D.



- **Keywords:** wildlife management, behavioural ecology, animal census and monitoring, antelope use and conservation, animal diversity conservation
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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
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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](#)
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Ing. Tamara Fedorova, Ph.D.



- **Keywords:** husbandry of camelids, non-invasive methods of pregnancy diagnosis, reproduction in camels, zoo animals husbandry
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prof. Dr. Ing. Eloy Fernández Cusimamani



- **Keywords:** plant tissue cultures, plant biotechnology, plant breeding, crop production, Andean crops, ethnobotany of medicinal plant
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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
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prof. Ing Ladislav Kokoška, Ph.D.



- **Keywords:** biologically active natural products, phytochemistry, food and agricultural chemistry, ethnobotany and ethnopharmacology
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doc. Ing. Bohdan Lojka, Ph.D.



- **Keywords:** agroforestry, conservation of biodiversity, tree domestication, tree population genetics
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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
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doc. Ing. Zbyněk Polesný, Ph.D.



- **Keywords:** tropical botany, ethnobiology, agrobiodiversity, wild plant use, bio-cultural heritage
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doc. Dr. RNDr. Tomáš Rätinger



- **Keywords:** tropical botany, ethnobiology, agrobiodiversity, wild plant use, bio-cultural heritage
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Ing. Klára Urbanová, Ph.D.



- **Keywords:** analytical techniques (GC-MS, LC-MS), chemical analysis, chemical ecology, food analysis, volatile compounds, essential oil
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prof. RNDr. Irena Valterová, CSc.



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prof. Ing. Patrick Van Damme, Ph.D.



- **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
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Ing. Iva Viehmannová, Ph.D.



- **Keywords:** plant biotechnology, plant breeding, conservation of plant genetic resources, genetic biodiversity
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