

Education:

- 1988-1994 Undergraduate studies at the University of Veterinary and Pharmaceutical Sciences, Brno (MVDr.).
- 1994-2001 University of Veterinary and Pharmaceutical Sciences, Brno - postgraduate scholarship in veterinary microbiology and immunology. (Ph.D.).
- 2025 Mendel University in Brno, habilitation procedure for the field of morphology, physiology and genetics (associated professor)

Employment:

- 1994-2001 Veterinary Research Institute, Department of Immunology, Ph.D. student and later junior researcher
- 2001-2020 Veterinary Research Institute, Department of Immunology, later Infectious diseases and preventive medicine, head of the department
- 2003-2023 University of Veterinary and Pharmaceutical Sciences Brno, Institute of Infectious Diseases and Microbiology, assistant professor
- 2020-present Veterinary Research Institute, Brno, director

Membership:

Board of Veterinary Research Institute
Czech Academy of Agricultural Sciences, chairman of section of veterinary medicine
Czech Society for Immunology
Czech Society for Analytical Cytometry
Scientific council of Mendel university in Brno
Scientific council of Faculty of AgriSciences of Mendel university in Brno
Board for specialized line of study in microbiology and immunology on University of Veterinary and Pharmaceutical Sciences Brno
Committee for postgraduate scholarship in animal physiology on Faculty of Science, Masaryk University, Brno
Review editor of journal with IF "Frontiers in Immunology–Comparative Immunology"
Member of Editorial board of journal with IF "Veterinární Medicína"

Research activities:

Basic and clinical veterinary immunology; host-pathogen interaction mainly on swine model; flow cytometry; postnatal development of immune system.

Educational activities:

Theoretical lectures and practical lessons from basic immunology and from clinical immunology, both for Czech and foreign students of University of Veterinary and Pharmaceutical Sciences Brno (2003-2023). Supervision of bachelor (3 defended), diploma (25 defended) and doctoral (15 defended) students.

Publication activity:

Based on WOS and PubMed, he is author or co-author of 190 scientific publications with h-index 29. Other outputs: 69 publications in journals for the professional public, 1x CZ patent, 10x utility samples, 13x functional samples, 2x certified methods.