

**LIST OF PHD RESEARCH TOPICS AND SUPERVISORS FOR THE FIELD OF **VETERINARY** IN THE  
AREA OF AGRICULTURAL SCIENCES FOR 2025**

No.	Department	Research topic	Supervisor	Consultant
1	Faculty of Veterinary Medicine Department of Anatomy and Physiology	Non-invasive studies of biochemical marker responses and mechanical nociceptive thresholds following radiofrequency therapy in performing horses	Prof. Dr. R. Želvytė	doc. dr. A. Tvarijonavičiūtė (University of Murcia)
2	Faculty of Veterinary Medicine Department of Anatomy and Physiology	Prevalence and molecular characterization of cryptosporidium in Lithuanian cattle farms	Prof. Dr. A. Stankevičius	Prof. Dr. R. Antanaitis
3	Faculty of Veterinary Medicine Dr. L.Kriaučeliūnas Small Animal Clinic	Influence of oxidative stress and intestinal microflora on the dynamics of epilepsy and meningoencephalitis in a canine model	Assoc. Prof. Dr. D. Juodžentė	Assoc. Prof. Dr. A. Tvarijonavičiūtė (University of Murcia)
4	Faculty of Veterinary Medicine Institute of Microbiology and Virology	Associations of tick-borne encephalitis virus-induced neurological lesions and brain damage biomarkers with the clinical course of the disease in horses	Assoc. Prof. Dr. A. Pautienius	Prof. Dr. A. Mickienė
5	Faculty of Veterinary Medicine Institute of Microbiology and Virology	Microbiota diversity of healthy and diseased Psittaciformes birds and its determinants of antibiotic resistance in the context of "One Health"	Prof. Dr. M. Ružauskas	
6	Faculty of Veterinary Medicine Large Animal Clinic	Use of biomarkers recorded with innovative technologies and other non-invasive methods to develop welfare assessment algorithms for dairy cows	Assoc. Prof. Dr. A. Rutkauskas	Dr. L. Viora (University of Glasgow)
7	Faculty of Veterinary Medicine Large Animal Clinic	Analysis of changes in non-invasively recorded biomarkers, development of algorithms, and practical integration for early diagnosis of clinical mastitis in cows	Prof. Dr. R. Antanaitis	Prof. Dr. A. C. Bajscy (Hannover University of Veterinary Medicine)
8	Faculty of Veterinary Medicine Large Animal Clinic	The use of biomarkers in the assessment of chronic and acute gastrointestinal pain and microbiome changes in horses	Prof. Dr. V. Žilaitis	
9	Department of Veterinary Pathobiology	Histomorphological features of the invasive front of squamous cell carcinoma in dogs and cats depending on the localization of the lesion	Prof. Dr. N. Juodžiukynienė	