

**LIST OF PHD RESEARCH TOPICS AND SUPERVISORS FOR THE FIELD OF
VETERINARY IN THE AREA OF AGRICULTURAL SCIENCES FOR 2024**

No.	Department	Research topic	Supervisor	Consultant
1	Faculty of Veterinary Medicine Department of Anatomy and Physiology	Effectiveness and impact of the application of innovations in laboratory animal behavior management and artificial intelligence on the welfare and health of experimental animals in use and breeding facilities	Prof. R. Želvytė	dr. V. Zigmantaitė
2	Faculty of Veterinary Medicine Department of Food Safety and Quality	Analysis of the relationships between bioaerosol composition and factors influencing the health, production, and welfare of dairy cows	Assoc. Prof. V. Baliukonienė	
3	Faculty of Veterinary Medicine Large Animal Clinic	Development and application of algorithms for the early diagnosis of dairy-type cow diseases using biomarkers of milk composition registered by innovative technologies	Prof. R. Antanaitis	Prof. W. Baumgartner (University of Veterinary Medicine, Vienna)
4	Faculty of Veterinary Medicine Large Animal Clinic	Possibilities of using propolis as an alternative natural antimicrobial agent for dilution of animal sperm in order to reduce the use of synthetic antibiotics and prevent the growing resistance of bacteria in animal reproduction	Dr. N. Sutkevičienė	