

Name and surname:	Agnieszka Noszczyk-Nowak
Academic Degree:	prof. dr hab. inż. (Prof.)
Institute/Department:	Department of Internal Medicine with Horse, Dog and Cat Clinic
e-mail address:	agnieszka.noszczyk-nowak@upwr.edu.pl
ORCID:	0000-0001-7899-3936
UPWr Base of Knowledge - link:	https://bazawiedzy.upwr.edu.pl/info/author/UPWr7486647982834849b2558575025ac050?r=author&ps=20&CasAuthentication=true&tab=&lang=pl&title=Profil%2Bosoby%2B%25E2%2580%2593%2BAgnieszka%2BNoszczyk-Nowak%2B%25E2%2580%2593%2BUniwersytet%2BPrzyrodniczy%2Bwe%2BWroc%25C5%2582awiu&pn=1
Researchgate:	
Personal website / Working group website:	
Participation in projects in last 5 years (chronological; with distinction into PI (kierownik) and RF (wykonawca)):	1. Histological and structural remodeling of the tendon cords and their mechanical strength in light of the progression of degenerative changes in canine mitral valve myxomatous degeneration (MMVD) (PI) (NCN Preludium Bis 2021-2025)
Do you plan to engage support of second supervisor or auxiliary supervisor?	YES
	Auxiliary supervisor
Name and surname:	Natalia Siwińska
Academic Degree:	dr (Dr.)
Faculty, Institute/Department:	Department of Internal Medicine and Clinic of Diseases of Horses, Dogs and Cats, Faculty of Veterinary Medicine
e-mail address:	natalia.siwinska@upwr.edu.pl
ORCID:	0000-0002-5205-5826
UPWr Base of Knowledge - link or most important publications from last 3 year (JCR) / patents from last 3 years (maximum 5):	https://bazawiedzy.upwr.edu.pl/info/author/UPWr192d019c37864ec296455f429115f50b?r=author&tab=&title=Profil%2Bosoby%2B%25E2%2580%2593%2BNatalia%2BSiwi%25C5%2584ska%2B%25E2%2580%2593%2BUniwersytet%2BPrzyrodniczy%2Bwe%2BWroc%25C5%2582awiu&lang=pl
Researchgate:	
Personal website / Working group website:	
Projects in last 5 years (chronological; with distinction into PI (kierownik) and RF (wykonawca)):	Characterization of gastrointestinal microbiome changes after omeprazole therapy in horses. (PI) (internal project 2022-2023)
PhD topic:	HRV in healthy horses and horses with asthma.
Research discipline in Doctoral School:	Veterinary Science
Short description of the research problem to be solved in the PhD (minimum 1000 characters):	<p>Asthma is a heterogeneous, chronic airway inflammatory disease with variable and reversible bronchoconstriction with symptoms of cough, shortness of breath, chest tightness, and wheeze. Approximately 10–15% of adult horses living in temperate climates worldwide develop severe Equine Asthma Syndrome (sEAS), which is a chronic, non-infectious inflammatory lower airway disease that shares many similarities with human asthma, including reversible bronchoconstriction, bronchial hyperreactivity, increased mucus production, and airway wall remodeling. Asthma is associated with abnormal autonomic function, and heart rate variability is considered a simple, accurate, and noninvasive tool for monitoring the autonomic system.</p> <p>The aim of this study is to investigate the effect of asthma and the effect of asthma treatment on heart rate variability in horses.</p> <p>The planned studies will be conducted in horses with varying degrees of disease, and HRV will be measured before, during and after treatment.</p>
Professional skills for PhD candidate (e.g. master program, specializations, softwares, language, analytical techniques, minimum 500 characters):	<p>We expect the candidate to:</p> <ul style="list-style-type: none"> - diploma in veterinary medicine, - right to practice veterinary medicine in Poland, - lack of fear of working with horses, - acceptance of flexible working hours, - knowledge of basic statistical methods and excel, word, power point software - familiarity with equine ECG technique, - readiness to to expand knowledge of equine diseases, especially respiratory diseases and cardiology - readiness to complete a foreign internship - involvement in scientific research
a) Project title:	0
b) Agreement number:	0

c) Number of months in the project to support PhD student (in months; starting from 1st of October 2024):	0
Project website:	