

<b>Name and surname:</b>	<b>Katarzyna Czyż</b>
Academic Degree:	dr hab. inż. (DSc.)
Institute/Department:	Institute of Animal Husbandry and Breeding
e-mail address:	katarzyna.czyz@upwr.edu.pl
ORCID:	0000-0001-7548-8918
UPWr Base of Knowledge - link:	<a href="https://bazawiedzy.upwr.edu.pl/info/author/UPWr386877bd37d49ec826d116fea7ba3fb?r=author&amp;tab=&amp;title=Profil%2Bosoby%2B%25E2%2580%2593%2BKatarzyna%2BCzy%25C5%25BC%2B%25E2%2580%2593%2BUniwersytet%2BPrzyrodniczy%2Bwe%2BWroc%25C5%2582awiu&amp;lang=pl">https://bazawiedzy.upwr.edu.pl/info/author/UPWr386877bd37d49ec826d116fea7ba3fb?r=author&amp;tab=&amp;title=Profil%2Bosoby%2B%25E2%2580%2593%2BKatarzyna%2BCzy%25C5%25BC%2B%25E2%2580%2593%2BUniwersytet%2BPrzyrodniczy%2Bwe%2BWroc%25C5%2582awiu&amp;lang=pl</a>
Researchgate:	-
Personal website / Working group website:	-
Participation in projects in last 5 years (chronological; with distinction into PI (kierownik) and RF (wykonawca)):	2020-2022: "Innovative methods of raising and breeding sheep in light of changing climatic conditions in Lower Silesia". Measure COOPERATION covered by the Rural Development Program 2014-2020 (agreement 00029.DDD.6509.00097.2019.01) - RF
Do you plan to engage support of second supervisor or auxiliary supervisor?	YES
	Auxiliary supervisor
<b>Name and surname:</b>	<b>Anna Wyrostek</b>
Academic Degree:	dr inż. (Dr. Eng.)
Faculty, Institute/Department:	Institute of Animal Husbandry and Breeding
e-mail address:	anna.wyrostek@upwr.edu.pl
ORCID:	0000-0003-2191-5085
UPWr Base of Knowledge - link or most important publications from last 3 year (JCR) / patents from last 3 years (maximum 5):	<a href="https://bazawiedzy.upwr.edu.pl/info/author/UPWr0651c191a31048bd9d80a33b6a28eed4?r=author&amp;tab=&amp;title=Profil%2Bosoby%2B%25E2%2580%2593%2BAnna%2BWyrostek%2B%25E2%2580%2593%2BUniwersytet%2BPrzyrodniczy%2Bwe%2BWroc%25C5%2582awiu&amp;lang=pl">https://bazawiedzy.upwr.edu.pl/info/author/UPWr0651c191a31048bd9d80a33b6a28eed4?r=author&amp;tab=&amp;title=Profil%2Bosoby%2B%25E2%2580%2593%2BAnna%2BWyrostek%2B%25E2%2580%2593%2BUniwersytet%2BPrzyrodniczy%2Bwe%2BWroc%25C5%2582awiu&amp;lang=pl</a>
Researchgate:	-
Personal website / Working group website:	-
Projects in last 5 years (chronological; with distinction into PI (kierownik) and RF (wykonawca)):	2020-2022: "Innovative methods of raising and breeding sheep in light of changing climatic conditions in Lower Silesia". Measure COOPERATION covered by the Rural Development Program 2014-2020 (agreement 00029.DDD.6509.00097.2019.01) - PI of two tasks
PhD topic:	Relationship between the gut and skin microbiome and their impact on coat quality in lesser chinchilla ( <i>Chinchilla lanigera</i> )
Research discipline in Doctoral School:	Animal Science and Fisheries
Short description of the research problem to be solved in the PhD (minimum 1000 characters):	In Poland, the raising and breeding of fur animals is currently undergoing rapid changes, especially due to the welfare aspect. One of the species whose importance is changing is the lesser chinchilla. <i>Chinchilla lanigera</i> was until recently recognized as an animal intended for fur, but given the widespread changes in perception and the essence of welfare, it has become a fully domestic animal. In the common literature, knowledge of the gut microbiome is available, as well as the skin microbiome, but they are considered separately. Due to the original purpose of the animals, there may be a relationship between these microbiomes and their influence on the quality of the hair coat, which is equally important with the new purpose of the lesser chinchilla. Currently, chinchillas are selected as pets for color and coat quality. The planned research will include a comprehensive analysis of the feces, hair coat and skin of the lesser chinchilla, taking into account the microbiological composition of the feces, histological structure and physical-mechanical characteristics of the hair coat including the down coat. In addition, the studies will be juxtaposed to obtain the relationship between the two microbiomes and their effects on the quality of the lesser chinchilla's coat.
Professional skills for PhD candidate (e.g. master program, specializations, softwares, language, analytical techniques, minimum 500 characters):	graduate degree in zootechnics, biology or veterinary science; knowledge of office package, statistical programs (e.g. Statistica); independence, reliability, ability to work in a team; knowledge of English; well-received involvement in research work during the period of study, participation in research carried out in the scientific unit, in the work of the scientific association, possible achievements publications, especially in the presented subject area; an additional advantage will be the possession of a category B driver's license - the need for field trips
a) Project title:	none
b) Agreement number:	none
c) Number of months in the project to support PhD student (in months; starting from 1st of October 2024):	0
Project website:	