Name and surname:	Anna Zielak-Steciwko
Academic Degree:	dr hab. inż. (DSc.)
Institute/Department:	Institute of Animal Husbandry and Breeding
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UPWr Base of Knowledge - link:	https://bazawiedzy.upwr.edu.pl/info.seam?id=UPWr40033549a3b946d6a0eed0d312283993&affil=⟨=pl
Researchgate:	https://www.researchgate.net/profile/Anna-Zielak-Steciwko
Personal website / Working group website:	-
Participation in projects in last 5 years (chronological; with distinction into PI (kierownik) and RF (wykonawca)):	Genomowe uwarunkowania chorób zakaźnych i inwazyjnych (BVDV, IBR/IPV, neosporoza, chlamydioza) w stadach bydła rasy polskiej czerwono-białej oraz polskiej holsztyńsko-fryzyjskiej, finansowany z środków Krajowego Naukowego Ośrodka Wiodącego (KNOW) na lata 2014-2018 dla Wrocławskiego Centrum Biotechnologii; charakter udziału w projekcie: kierownik Environmental factors affecting the functioning of bovine mammary gland and their influence on selected
PhD topic:	milk parameters
Research discipline in Doctoral School:	Animal Science and Fisheries
Short description of the research problem to be solved in the PhD (minimum 1000 characters):	the bovine mammary gland and their effect on specific milk parameters. The project will encompass various activities, such as: - the analysis of milk's basic composition and other relevant components, as well as the cytological evaluation of milk; - conducting experiments using cell lines to investigate the impact of environmental factors on the functioning of the mammary gland and the quality of milk; - conducting experiments to understand the molecular mechanisms that regulate the functioning of the mammary gland in relation to the occurrence of inflammatory conditions.
Professional skills for PhD candidate (e.g. master program, specializations, softwares, language, analytical techniques, minimum 500 characters):	Obtained a master's degree in biology, zootechnic's, veterinary medicine, or a related field. Knowledge of the English language. Good laboratory skills. Familiarity with Office software, including Word, Excel, PowerPoint. Experience in conducting research during studies. Capable in interpreting obtained research results and writing scientific manuscripts. Capable of working independently and with good organizational skills. Able to seek assistance when required. Good collaboration skills when working with other team members on a joint objective.
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