

Candidate supervisor's information summary form

Name and surname, degree, title: dr hab. Kamila Puppel, prof WULS/Associate Professor	
Discipline/ disciplines of science	Animal science and fisheries
Professional development (degrees and titles) in chronological order	<p>Studies at the Faculty of Animal Sciences. Graduate in the field of Zootechnics in Warsaw University of Life Sciences; Degree obtained: M.Sc. Eng. 28.07.2004</p> <p>Full-time PhD studies at the Faculty of Animal Sciences of the Warsaw University of Life Sciences in the field: Zootechnics. Obtaining the PhD degree in Agricultural Sciences 11.10.2011</p> <p>Post-doctoral degree in the field of Agricultural Sciences, in the discipline of Zootechnics and Fishing, 26.11.2019</p>
Most important publications/patens over the last 3 years (maximum 10)	<p>PUPPEL K., GOŁĘBIEWSKI M., SŁÓSZARZ J., GRODKOWSKI G., SOLARCZYK P., KOSTUSIAK P., GRODKOWSKA K., BALCERAK M., SAKOWSKI T., 2021: Interaction between the level of immunoglobulins and number of somatic cells as a factor shaping the immunomodulating properties of colostrum. <i>Scientific Reports</i>, 11, 15686; https://doi.org/10.1038/s41598-021-95283-1 (140 pkt., IF 4,379)</p> <p>PUPPEL K., STANISZEWSKA P., GOŁĘBIEWSKI M., SŁÓSZARZ J., GRODKOWSKI G., SOLARCZYK P., KUNOWSKA-SŁÓSZARZ M., KOSTUSIAK P., KUCZYŃSKA B., PRZYSUCHA T., 2021: Using the relationship between concentrations of selected whey proteins and BHBA to characterize the metabolism of dairy cows in early lactation. <i>Animals</i>, 11, 2298. https://doi.org/10.3390/ani11082298 (100 pkt., IF 2,752).</p> <p>PUPPEL K., KALIŃSKA A., KOT M., SŁÓSZARZ J., KUNOWSKA-SŁÓSZARZ M., GRODKOWSKI G., KUCZYŃSKA B., SOLARCZYK P., PRZYSUCHA T. GOŁĘBIEWSKI M., 2020: The effect of <i>Staphylococcus</i> spp., <i>Streptococcus</i> spp. and <i>Enterobacteriaceae</i> on the development of whey protein levels and oxidative stress markers in cows with diagnosed mastitis. <i>Animals</i>, 10, 1591; doi:10.3390/ani10091591 (100 pkt., IF 2,323).</p> <p>PUPPEL K., GOŁĘBIEWSKI M., KONOPKA K., KUNOWSKA-SŁÓSZARZ M., SŁÓSZARZ J., GRODKOWSKI G., PRZYSUCHA T., BALCERAK M., MADRAS-MAJEWSKA B., SAKOWSKI T., 2020: Relationship between the quality of colostrum and the formation of microflora in the digestive tract of calves. <i>Animals</i>, 10, 1293; doi:10.3390/ani10081293 (100 pkt., IF 2,323).</p> <p>PUPPEL K., GOŁĘBIEWSKI M., SOLARCZYK P., GRODKOWSKI G., SŁÓSZARZ J., KUNOWSKA-SŁÓSZARZ M., BALCERAK M., PRZYSUCHA T., KALIŃSKA A., KUCZYŃSKA B., 2019: The relationship between plasma β-hydroxybutyric acid and conjugated linoleic acid in milk as a biomarker for early diagnosis of ketosis in postpartum Polish Holstein-Friesian cows. <i>BMC Veterinary Research</i>, 15: 367 https://doi.org/10.1186/s12917-019-2131-2 (140 pkt., IF 1,792).</p> <p>PUPPEL K., GOŁĘBIEWSKI M., GRODKOWSKI G., SŁÓSZARZ J., KUNOWSKA-SŁÓSZARZ M., SOLARCZYK P., ŁUKASIEWICZ M., BALCERAK M., PRZYSUCHA T., 2019: Composition and Factors Affecting Quality of Bovine Colostrum: A Review. <i>Animals</i>, 9, 1070; doi:10.3390/ani9121070 (100 pkt., IF 1,832).</p>
Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in	<p>Additional supervisor</p> <p><i>Defended doctoral dissertations</i></p> <p>Animal Breeding and Production Department, Warsaw University of Life Sciences:</p> <p align="center">mgr inż. Aleksandra Kapusta: 30.11.2018</p> <p><i>Doctoral programmes opened</i></p>

chronological order	<p>Institute of Genetics and Animal Biotechnology PAN: mgr inż. Grzegorz Grodkowski: 31.05.2017</p> <p>Supervisor- doctoral programmes opened Institute of Animal Science, Warsaw University of Life Sciences: mgr inż. Paweł Solarczyk Szkoła Doktorska, Warsaw University of Life Sciences: mgr inż. Piotr Kostusiak Szkoła Doktorska, Warsaw University of Life Sciences: mgr inż. Kinga Grodkowska</p>
Project/grants achievements (from the last 10 years)	<p>Grant within the frame of ERA NET Susan SusCatt (Horizon 2020 ERA-Net project CORE Organic Co-fund- Coordination of European Transnational Research in Organic Food and Farming systems) – <u>task leader</u> (2017/2021). Executing unit: Institute of Genetics and Animal Biotechnology PAN</p> <p>Grant within the frame of ERA NET Susan: ProYoungStock (Horizon 2020 ERA-Net project CORE Organic Co-fund- Coordination of European Transnational Research in Organic Food and Farming systems)- <u>task leader</u> (2017/2021). Executing unit Institute of Genetics and Animal Biotechnology PAN</p> <p>As part of the "Voucher for Innovations" grant from the Polish Agency for Enterprise Development. Pt: "Development of a complete IT and technical solution supporting beef cattle breeding 2/WNZ/SGGW/2018. 15.09.2018-31.12.2019. – <u>task leader</u>.</p> <p>As part of the "Voucher for Innovations" grant of the Polish Agency for Enterprise Development. Pt: "Developing the composition of a protein product from non-genetically modified raw materials, developing a thermal treatment of these raw materials in order to obtain greater protein digestibility, and conducting research to replace soybean meal." 1/WNZ/SGGW/2018. 01.09.2018-30.09.2019. - <u>task leader</u>.</p> <p>MRiRW: Research on innovative methods of reducing the occurrence of diseases and parasites in farm animals in the conditions of organic production - task leader (2017/2018).</p> <p>CORE Organic Plus - <i>Towards preventive health management in native dual-purpose cattle adapted to organic pasture based production systems via novel breeding strategies based on novel trait recording</i> – <u>task leader</u> (2015/2017) Executing unit: Institute of Genetics and Animal Biotechnology PAN</p> <p>Grant 03/D/NZ9/05337: Searching for a genetic basis for the variability of complex traits in horses with the use of modern methods of structural and functional genomics. Genomic characteristics of the milk composition of mares belonging to selected horse breeds- <u>task leader</u> (2013/2015) Executing unit: Uniwersytet Przyrodniczy w Poznaniu</p> <p>Grant NN311 558840- The content of biologically active ingredients in milk during full lactation in connection with the biochemical parameters of the blood of high-yielding PHF cows- <u>coordinator</u> (2011/2015).</p>
Topic – research problem – for which the candidate supervisor seeks a doctoral student	Relationship between secondary immune deficiencies and lactoprotein synthesis in PHF cows under the project: Development of a paste for calves with oak bark extract, supporting the prevention and treatment of cryptosporidiosis and diarrhea in calves, PARP, Budget PLN 468 000.
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