

**Candidate supervisor's information summary form**

Name and surname, degree, title: <b>dr hab. Martyna Batorska / Associate Professor</b>	
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. 1984</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 1996</p> <p>Post-doctoral degree in the field of Agricultural Sciences, in the discipline of Zootechnics and Fishing, 2014</p>
Most important publications/patens over the last 3 years (maximum 10)	<ol style="list-style-type: none"> <li>1. Sońta M., Rekiel A., Więcek J., <b>Batorska M.</b>, Puppel K., 2021: Alternative Protein Sources vs GM Soybean Meal as Feedstuff for Pigs-Meat Quality and Health-Promoting Indicators, <i>Animals</i>, E-ISSN:2076-2615, Vol:11, 1-12, DOI:10.3390/ani11010177 (100 pkt. IF<sub>2020</sub>=2,752)</li> <li>2. Warda A., Rekiel A., Blicharski T., <b>Batorska M.</b>, Sońta M., Więcek J., 2021: The effect of the size of the litter in which the sow was born on her lifetime productivity, <i>Animals</i>, E-ISSN:2076-2615, Vol:11, s. 1-8, DOI:10.3390/ani11061525 (100 pkt. IF<sub>2020</sub>=2,752)</li> <li>3. Michalczyk M., <b>Batorska M.</b>, Sikorska U., Capecka K., Konieczka P., Bień D., Urban J., 2021: Selenium and the health status, production results, and product quality in poultry, <i>Animal Science Journal</i>, ISSN:1344-3941, Vol:92, s. 1-10, DOI:10.1111/asj.13662 (100 pkt. IF<sub>2020</sub>=1,749)</li> <li>4. Rekiel A., Bieliński P., Łaska M., Sońta M., <b>Batorska M.</b>, Więcek J., 2020: Effect of the addition of 0,5% L-arginine to diets for fattening pigs on selected fattening and carcass traits. <i>Roczniki Naukowe Polskiego Towarzystwa Zootechnicznego</i>, ISSN:1733-7305, Vol: 16, s. 25-34, DOI:10.5604/01.3001.0014.4155 (70 pkt.)</li> <li>5. Sońta M., Rekiel A., Więcek J., <b>Batorska M.</b>, 2020: Economic efficiency of the production of fatteners fed blue lupine as a replacement for GM soybean meal. <i>Roczniki Naukowe Polskiego Towarzystwa Zootechnicznego</i> ISSN:1733-7305, DOI:10.5604/01.3001.0014. 2017 Vol: 16, 37-48, (70 pkt.)</li> <li>6. Sońta M., Rekiel A., Więcek J., <b>Batorska M.</b>, 2020: The economic efficiency of the production of fattening pigs fed with domestic protein sources as a replacement for GM soybean meal. <i>Roczniki Naukowe Zootechniki</i>, ISSN:0137-1657, Vol:47, s. 123-135 (40 pkt.)</li> <li>7. Więcek J., Rekiel A., <b>Batorska M.</b>, Sońta M., Blicharski T., Snopkiewicz M., 2020: Analysis of frequency piglet mortality causes in nucleus herds, <i>Animal Science Papers and Reports</i>, ISSN:0860-4037, E-ISSN:2300-8342, Vol:38, s. 249-257 (100 pkt. IF<sub>2020</sub>= 1,078)</li> <li>8. Sońta M., <b>Batorska M.</b>, Więcek J., Rekiel A., 2020: Performance results and concentration of biochemical</li> </ol>

	<p>indices and mineral elements in blood serum of fatteners fed diets containing mixtures of raw seeds of pea (<i>Pisum sativum</i> L.) or blue lupin (<i>Lupinus angustifolius</i> L.), <i>Animals</i>, E-ISSN:2076-2615, Vol:10, 2020, s. 1-13, DOI:10.3390/ani10050858 (100 pkt. IF<sub>2020</sub>= 1,654).</p> <p>9. Rekiel A., <b>Batorska M.</b>, Więcek J., 2019: Genetic and biological aspects of teats in Suidae – a review. <i>Animal Science Papers and Reports</i> 37, 1, 5-18 (100 pkt. IF<sub>2020</sub>= 1,078)</p> <p>10. Sońta M., Rekiel A., <b>Batorska M.</b>, 2019: Use of duckweed (<i>Lemna</i> L.) in sustainable livestock production and aquaculture – a review, <i>Annals of Animal Science</i>, 19, 2, 257-271. DOI:10.2478/aoas-2018-0048 (100 pkt. IF 2,090).</p>
<p>Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order</p>	<p><b>Additional supervisor</b>  Institute of Animal Sciences at the Warsaw University of Life Sciences:  Doctoral School WULS - mgr inż. Jakub Urban – 2022 r.</p>
<p>Project/grants achievements (from the last 10 years)</p>	<p><b>2010-2014:</b> GRANT EU Project "Biofood - innovative, functional products of animal origin" POIG.01.01.02-14-090/09-00, subtask manager 3.1. Study of the nutritional value of pork obtained under modified fattening conditions using various selenium additives in pig feeding."</p> <p><b>2013-2014:</b> Project „Evaluation of supplementing the fattening pig feed with different lysine source (Lysine-HCl vs Lysine-sulfate) in low protein diets” cooperation with Evonik Degussa GmbH – main contractor.</p>
<p>Topic – research problem – for which the candidate supervisor seeks a doctoral student</p>	<p>Effect of sex, age and weight of slaughter on pork quality</p>
<p><u>Contact details:</u>  Faculty/Institute  E-mail address  Tel.</p>	<p>Institute of Animal Sciences  <a href="mailto:martyna_batorska@sggw.edu.pl">martyna_batorska@sggw.edu.pl</a>  tel. +48 22 593 65 62</p>