

Candidate supervisor's information summary form

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| Name and surname, degree, title: dr hab. Maciej Kamaszewski, prof. SGGW | |
| Discipline/ disciplines of science | Animal Science and Fisheries |
| Professional development (degrees and titles) in chronological order | 2004 – MSc in biology, SGGW; 2006 – MSc in Horticulture, SGGW; 2009 – PhD, SGGW; 2019 – Habilitation, SGGW |
| Most important publications/patens over the last 3 years (maximum 10) | <p>1. Ostaszewska T., Śliwiński J., Kamaszewski M., Sysa P., Chojnacki M. 2018. Cytotoxicity of silver and copper nanoparticles on rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes. <i>Environ. Sc. Pollut. Res.</i> 25, 908-915; 2. Latoszek E., Kamaszewski M., et al. 2019. Histochemical characteristics of macrophages of butterfly splitfin <i>Ameba splendens</i>. <i>Fol. Biol.</i> 67 (1): 53-60; 3. Kamaszewski M., Ostaszewska T., et al. 2019. The role of dipeptide on fish growth and digestive enzyme activity modulation in common carp (<i>Cyprinus carpio</i>). <i>Anim. Sc. Papers Rep.</i> 37 (1): 75-85; 4. Wiszniewski G., Jarmołowicz S., Hassaan M.S., Mohammady E.Y., Soaudy M.R., Łuczyńska J., Tońska E., Terech-Majewska E., Ostaszewska T., Kamaszewski M., et al. 2019. The use of bromelain as a feed additive in fish diets: growth performance, intestinal morphology, digestive enzyme and immune response of juvenile Sterlet (<i>Acipenser ruthenus</i>). <i>Aquacult. Nutri.</i> 25, 6, 1289-1299; 5. Kasprzak R., Ostaszewska T., Kamaszewski M. 2019. Effects of feeding commercial diets on the development of juvenile crucian carp <i>Carassius carassius</i>: digestive tract abnormalities. <i>Aquat. Biol.</i> 28, 159-173; 6. Nowakowska K., Giebułtowicz J., Kamaszewski M., et al. 2020. Acute exposure of zebrafish (<i>Danio rerio</i>) larvae to environmental concentrations of selected antidepressants: Bioaccumulation, physiological and histological changes. <i>Comp. Biochem. Physiol. Part C</i>, 229, 108670; 7. Palinska-Zarska K., Wozny M., Kamaszewski M., et al. 2020. Domestication process modifies digestion ability in larvae of Eurasian perch (<i>Perca fluviatilis</i>), a freshwater Teleostei. <i>Scien. Rep.</i> 10:2211; 8. Kamaszewski M., Wójcik M., Krawczyńska A., Ostaszewska T. 2020. The influence of diet containing wheat gluten supplemented with dipeptides or amino acids on the morphology of white muscle of yellow perch (<i>Perca flavescens</i>). <i>Animals (Basel)</i> 10(3): pii: E388. 9. Kamaszewski M., Skrobisz M., et al. 2020. The Role of Transcription Factors in Gonad Development and Sex Differentiation of a Teleost Model Fish—Guppy (<i>Poecilia reticulata</i>). <i>Animals</i> 10(12): 2401. 10. Palińska-Żarska K., Król J., Woźny M., Kamaszewski M., et al. 2021. Domestication affected stress and immune response markers in <i>Perca fluviatilis</i> in the early larval stage. <i>Fish Shellfish Immunol</i> doi: 10.1016/j.fsi.2021.04.028.</p> |

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| <p>Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order</p> | <p>defended doctoral dissertations: - doctoral programmes opened – 3 person</p> |
| <p>Project/grants achievements (from the last 10 years)</p> | <p>The effect of silver nanoparticles on the fertility and development of the gonads of model fish, <i>NCN, Sonata 10</i> 2015/19/D/NZ8/03871, 2016–2020, Principal investigator; Fisheries and sea operational program grant 00002-6521.1-OR1400004/17/20, 2020–2023, Principal investigator, Fisheries and sea operational program grant 00001-6521.1-OR0700001/17/20, 2020–2023, Principal investigator; Fisheries and sea operational program grant 00001-6521.1-OR1600002/17/18, 2018–2022, Co-investigator; Modern technologies of sturgeon rearing and breeding, <i>NCBiR grant</i> 12-0129-10/2010, 2010–2014, Co-investigator; In addition, the co-investigator in grants financed by: MARD (2), Ministry of Foreign Affairs (2), NCN (co-investigator in Sonata 11 No. 2016/21/D/NZ9/02519.).</p> |
| <p>Topic – research problem – for which the candidate supervisor seeks a doctoral student</p> | <p>Analysis of the impact of alternative protein and lipid sources on fish nutrition, morphology and physiology during long-term experiments. In the research will use histology and electron microscopy methods, molecular genetics and biochemical analysis. Research will be carried out as part of the Fisheries and Sea Operational Project</p> |
| <p><u>Contact details:</u> Faculty/Institute E-mail address Tel.</p> | <p>Institute of Animal Sciences Department of Ichthyology and Biotechnology in Aquaculture maciej_kamaszewski@sggw.edu.pl 48 22 59 36 645</p> |