

Candidate supervisor's information summary form

Name and surname, degree, title: dr hab. Joanna Gruszczyńska, prof. SGGW	
Discipline/ disciplines of science	Animal Science and Fisheries
Professional development (degrees and titles) in chronological order	Postdoctoral degree–agricultural sciences/zootechnics/animal genetics 2014r. Doctor degree– agricultural sciences/zootechnics – 1999r. Master engineer degree – zootechnics – 1991r.
Most important publications/patens over the last 3 years (maximum 10)	<p><u>Publications:</u> Gruszczyńska J., Grzegorzóka B.: Molecular sex identification in Japanese quail (<i>Coturnix japonica</i>), <i>Animal Genetics</i>, 2021, s. 1-2, DOI:10.1111/age.13065.</p> <p>Górecki M.T., Nowaczewski S., Grzegorzóka B., Szablewski T., Stuper-Szablewska K., Rudzińska M., Cegielska-Radziejewska R., Biadała A., Tomczyk Ł., Hejdysz M., Racewicz P., Gruszczyńska J.: Morphological and biochemical traits of pheasant <i>Phasianus colchicus</i> eggs in relation to embryo sex and egg laying date, <i>Animal Science Papers and Reports</i>, 2020, 38 (2): 181-194.</p> <p>Świderek W., Gruszczyńska J., Winnicka A.: Polymorphism of Selected Regions of Ovar-MHC and the Health Status of the Ovine Mammary Gland, <i>Animals, Multidisciplinary Digital Publishing Institute (MDPI)</i>, 2020, 10 (12): 1-13, DOI:10.3390/ani10122325.</p> <p>Wielgórska K., Gruszczyńska J., Grzegorzóka B., Karlak A.: Hunting as a method of management of wolf (<i>Canis lupus</i>) population, W: <i>Proceedings of IASTEM International Conference, Hamburg, Germany, 2020, Institute for Technology and research (ITRESEARCH)</i>, ISBN 978-93-89732-92-4, 55-59</p> <p>Gruszczyńska J., Grzegorzóka B., Morawska A.: Genome comparative studies in the Phasianidae family Part 2, Interspecific amplification in the family Phasianidae on the example of domestic chicken (<i>Gallus gallus domesticus</i>) and wild turkey (<i>Meleagris gallopavo</i>), <i>Folia Pomeranae Universitatis Technologiae Stetinensis Agricultura Alimentaria Piscaria et Zootechnica</i>, 2019, 348 (49) 1: 79-86, DOI:10.21005/AAPZ2019.49.1.08</p> <p>Gruszczyńska J., Alama A., Miąsko M., Florczuk-Kołomyja P., Grzegorzóka B.: Molecular identification of sex in the monomorphic breed of pigeons, <i>Indian Journal of Animal Research</i>, vol. 53, nr 12, 2019, s. 1577-1582, DOI:10.18805/ijar.B-951.</p> <p>Grzegorzóka B., Gruszczyńska J.: Correlations between egg weight, early embryonic development, and some hatching characteristics of Japanese quail (<i>Coturnix japonica</i>), <i>Turkish Journal of Veterinary & Animal Sciences</i>, 2019, 43(2): 253-258, DOI:10.3906/vet-1803-63.</p> <p>Wielgórska K., Gruszczyńska J.: Evaluation of the effectiveness of the monitoring methods in the aspect of the population and distribution of the brown bear (<i>Ursus arctos</i>), <i>Acta Scientiarum Polonorum Zootechnica</i>, 2019, 18 (4): 5-12, DOI:10.21005/asp.2019.18.4.01.</p> <p>Wielgórska K., Bagińska K., Gruszczyńska J., Grzegorzóka B., 2019: Wolves returning to the Kampinos National Park - protection and development of the population (Case study). <i>International Journal of Advances in Science Engineering and Technology (IJSEAT)</i>, 7(3): 1-6.</p> <p>Gruszczyńska J., Grzegorzóka B., Misiukiewicz W.: Are the forests of the Wigry National Park suitable for the common dormouse <i>Muscardinus avellanarius</i>?, <i>Folia Pomeranae Universitatis Technologiae Stetinensis Agricultura Alimentaria Piscaria et Zootechnica</i>, 2018, 345 (48) 4:65-72, DOI:10.21005/AAPZ2018.48.4.06.</p> <p><u>Patents:</u> Gomólińska M., Gruszczyńska J. "Nutrient for young rodents, comprises powdered water, skimmed milk and acidified food sour cream in specific weight parts", No PL232182 B1 - 19.11.</p>

	2018
Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order	Supervisor of Phd students with an open doctoral dissertation: 2018 - Patrycja Florczuk - Kołomyja: main supervisor: dr hab. Joanna Gruszczyńska, prof. SGGW 2018 -Maciej Miąsko: main supervisor: dr hab. Joanna Gruszczyńska, prof. SGGW Head of the doctoral study 2015-2019. Since 2019 a member of the Program Council of the Doctoral School of the Warsaw University of Life Sciences-SGGW
Project/grants achievements (from the last 10 years)	Project „Nowoczesne metody ochrony zasobów genowych oraz aplikacja technik molekularnych w naukach przyrodniczych – cykl szkoleń„ co-financed by the EFS funds Priority VIII. Regional human resources for the economy. Measure 8.1 Development of staff and enterprises in the region. 2009-2012. Project Manager. MNSW 2011-2012 habilitation project N N311080040 „Molekularny monitoring doświadczalnej populacji przepiórki japońskiej (<i>Coturnix japonica</i>) w warunkach selekcji kierunkowej”.- Project Manager Grant competition organized by the State Forests National Forest HoldingForest Fund: - 2015 r. Project with Wigry National Park entitled „Wpływ działalności populacji bobra europejskiego <i>Castor fiber</i> L. na skład gatunkowy drzewostanów Wigierskiego Parku Narodowego”. – Co-contractor. - 2018 r. Project with Wigry National Park, entitled „Czy lasy Wigierskiego Parku Narodowego są ostoją orzesznicy leszczynowej (<i>Muscardinus avellanarius</i>)?”. Task Manager Non-competition conceptual projects of the Ministry of Science and Higher Education: entitled "Najlepsi z najlepszych! 3.0." under the Operational Program Knowledge Education Development co-financed by the EFS funds, entitled: "Dieta i wybiórczość pokarmowa wilka szarego (<i>Canis lupus</i>) w Kampinoskim Parku Narodowym". 2018-2019. Project Manager. entitled "Najlepsi z najlepszych! 4.0." under the Operational Program Knowledge Education Development co-financed by the EFS funds, entitled: „Nauka, innowacyjność, kreatywność - rozwój młodych badaczy z KNZDiL". 2019-2020. Project Manager. KBN grants and internal grants of His Magnificence Rector of WULS-SGGW
Topic – research problem – for which the candidate supervisor seeks a doctoral student	As part of the project "Comprehensive monitoring of the mugger crocodile (<i>Crocodylus palustris</i>) in India". Assistant supervisor Dr. Kartik Shanker - Center for Ecological Sciences, Indian Institute of Science, Bangalore. As the largest predators, mugger crocodiles play a key role in maintaining the structure and functions of freshwater ecosystems, affecting all animals lower in the food chain. It is extremely important that <i>Crocodylus palustris</i> populations are kept within their current range. Therefore, in India, comprehensive monitoring of the mugger crocodile population is carried out. Assessment of genetic variability will be used as the basis for genetic monitoring of this species, which will allow for the development of a more effective strategy for the protection of the mugger crocodile population.
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