

**Summary Specification of Scientific Accomplishments of a Thesis Supervisor Candidate**  
maximum 2 pages - it should be a synthesis of the most important elements of accomplishments

Name and surname, degree, scientific title: dr hab. Marcin Studnicki, prof. WULS	
Scientific discipline/s	agriculture and horticulture
Professional development (scientific degrees and titles) chronologically	2018 – habilitation 2012 – PhD in agriculture
Most important publications/patents from the last 3 years (max. 10)	<p>Michalska, K., Mrowińska, A., &amp; Studnicki, M. (2023). Ectoparasitism of the flightless <i>Drosophila melanogaster</i> and <i>D. hydei</i> by the mite <i>Blattisocius mali</i> (Acari: Blattisociidae). <i>Insects</i>, <i>14</i>, 1–32. <a href="https://doi.org/10.3390/insects14020146">https://doi.org/10.3390/insects14020146</a></p> <p>Szeligowski, H., Buraczyk, W., Konecka, A., Studnicki, M., &amp; Drozdowski, S. (2023). A multi-trait assessment of selected provenances of Scots pine following 50 years of growth on a provenance experiment in Central Poland, in the light of climate change. <i>European Journal of Forest Research</i>, 1–12. <a href="https://doi.org/10.1007/s10342-023-01538-z">https://doi.org/10.1007/s10342-023-01538-z</a></p> <p>Olczak-Kowalczyk, D., Turska-Szybka, A., Studnicki, M., &amp; Tomczyk, J. (2022). Prevalence, Etiology, and Types of Dental Trauma in Self-Assessment of 18-Year-Olds in Poland. <i>International Journal of Environmental Research and Public Health</i>, <i>19</i>, 1–21. <a href="https://doi.org/10.3390/ijerph191912924">https://doi.org/10.3390/ijerph191912924</a></p> <p>Pielech-Przybylska, K., Balcerek, M., Ługowoj, S., Królak, K., Dziekońska-Kubczak, U., Kuta, A., Rozbicki, J., &amp; Studnicki, M. (2022). Effects of rye cultivars and management intensity on volatile profile of rye-based spirit distillates. <i>Journal of Cereal Science</i>, <i>108</i>, 1–23. <a href="https://doi.org/10.1016/j.jcs.2022.103552">https://doi.org/10.1016/j.jcs.2022.103552</a></p> <p>Piętka, J., Adamczuk, A., Zarzycka, E., Tulik, M., Studnicki, M., Oszako, T., &amp; Aleksandrowicz-Trzcińska, M. (2022). The Application of Copper and Silver Nanoparticles in the Protection of <i>Fagus sylvatica</i> Wood against Decomposition by <i>Fomes fomentarius</i>. <i>Forests</i>, <i>13</i>, 1–13. <a href="https://doi.org/10.3390/f13101724">https://doi.org/10.3390/f13101724</a></p> <p>Przybylski, B., Janeczko, E., Studnicki, M., Bielinis, E., &amp; Bielinis, L. (2022). Young adults' perspective of global environmental risks: A study on Polish university students. <i>PLoS ONE</i>, <i>17</i>, 1–20. <a href="https://doi.org/10.1371/journal.pone.0273393">https://doi.org/10.1371/journal.pone.0273393</a></p> <p>Szymajda, M., Studnicki, M., Kuras, A., &amp; Żurawicz, E. (2022). Cross-compatibility in interspecific hybridization between three <i>Prunus</i> species. <i>South African Journal of Botany</i>, <i>146</i>, 624–633. <a href="https://doi.org/10.1016/j.sajb.2021.11.036">https://doi.org/10.1016/j.sajb.2021.11.036</a></p> <p>Drozdowski, S., Zawadzka, D., Zawadzki, G., Studnicki, M., &amp; Brzeziecki, B. (2021). Mature stand developmental stage has ceased to constitute the most suitable habitat for the capercaillie in the Augustów Forest, Poland. <i>Forest Ecosystems</i>, <i>8</i>, 1–14. <a href="https://doi.org/10.1186/s40663-021-00327-7">https://doi.org/10.1186/s40663-021-00327-7</a></p> <p>Michalska, K., &amp; Studnicki, M. (2021). Behavioural responses of females of the eriophyoid mite, <i>Aculops allotrichus</i>, to the presence of injured conspecifics. <i>International Journal of Acarology</i>, <i>47</i>, 41–50. <a href="https://doi.org/10.1080/01647954.2020.1870549">https://doi.org/10.1080/01647954.2020.1870549</a></p>

<p>Experience in work with PhD students (defended dissertations, initiated dissertation procedures), chronologically</p>	<p>Abu Zar Ghafoor – supervisor – start - 2021  Michał Kosma – supervisor – defended doctoral dissertations - 2021  Magdalena Wijata – assistant supervisor – defended doctoral dissertations - 2018  Kinga Noras – assistant supervisor - defended doctoral dissertations - 2016</p>
<p>Project/grant accomplishments (from the last 10 years)</p>	<p>1. 2013-2015 - BIOPRODUCTS, innovative technologies for the production of health-promoting bakery products and pasta with reduced calorific value - National Center for Research and Development POIG.01.03.01-14-041/12 - project financed by the European Regional Development Fund under the Operational Program Innovative Economy , researcher in task No. 2  2. 2010-2012 - Effectiveness of sampling methods in creating a basic collection of common cocksfoot - research project of the Ministry of Science and Higher Education No. N N310 066339, researcher  3. 2009-2012 - Study of winter wheat grain yield determinants by yield-forming features of plants - research project of the Ministry of Science and Higher Education No. N N310 091136, researcher</p>
<p>Theme scope - research problem - for the solving of which the PhD student is sought</p>	<p>Modeling the impact of individual elements of regenerative agriculture and carbon agriculture on the stability and quality of yield in a changing climate. Calibration and preparation of plant-soil models.</p>
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