Candidate supervisor's information summary form
maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: Katarzyna Michalska, PhD, D.Sc, Prof. SGGW	
Academic discipline/disciplines	agriculture and horticulture
Professional development (degrees and titles) in chronological order	• 2025 Professor SGGW • 2014 Habilitation. D.Sc, Agriculture and Horticulture, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences, • 1997 PhD, Agriculture/ Horticulture, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences • 1985 MSc, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences
Most important publications/ patents in the last 3 years (maximum 10)	**Michalska K**, Máca J, Ibrahim MA, Mácová A, Svoboda S. Hrček J, Kozłowski MW, Wakuliński W, Soika G. Is the *Drosophila montium* species group knocking on the doors of Europe? The case of the Asian fruit fly, *Drosophila triauraria*. BioInvasions Records**, 2025**, 14: 281-288 **Michalska K**, Ibrahim MA, Martyka M, Marcin Studnicki M, Soika G. Diversity and abundance of drosophilid fruit flies and other insects in compost piles. Journal of Plant Protection Research, **2025**, 65;523-534. **Michalska K**, Jena MK, Studnicki M. Effect of temperature on functional response of Blattisocius mali (Acari: Blattisociidae) preying on the acarid mite Tyrophagus putrescentiae. Sci Rep. **2025,** 15:15457 Jena, M.K., **Michalska, K**., Studnicki, M. The impact of humidity on the functional response of *Blattisocius mali* (Acari: Blattisociidae) preying on the acarid mite *Tyrophagus putrescentiae*. Scientific Reports, **2024**, 14, 28051 **Michalska K,** Ziółkowska K, Radziejewska A. K, Studnicki M, Ibrahim MA. Distribution and survival of the predatory mite *Blattisocius mali* on cucumber leaves with the addition of bran, yeast and pollen. Journal of Plant Protection Research, **2024,** 64(2):178-188 **Michalska K,** Jena MK, Mrowińska A, Nowakowski P, Maciejewska D, Ziółkowska K, Studnicki M, Wit M. Preliminary studies on the predation of the mite

	Blattisocius mali (Acari: Blattisociidae) on various life stages of spider mites, thrips and fruit flies. Insects , **2023**, 14, 747. **Michalska K,** Mrowińska A, Studnicki M, Jena MK. Feeding behaviour of the mite *Blattisocius mali* on eggs of the fruit flies *Drosophila melanogaster* and *D. hydei.* Diversity **2023**, 15 (5), 652 **Michalska K,** Mrowińska A, Studnicki M. Ectoparasitism of the flightless *Drosophila melanogaster* and *D. hydei* by the mite *Blattisocius mali* (Acari: Blattisociidae). Insects, **2023,** 14, 146.
Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral procedures) in chronological order	Supervisor of three PhD students at the doctoral school of the Warsaw University of Life Sciences 1. Manoj Kumar Jena, MSc, 2022-2026 2. Muhammad Arslan Ibrahim, MSc, 2023-2027 3. Mariam Ashraf, MSc, 2025-2029
Achievements in the area of projects/grants (in the last 5 years)	Project leader in 3 grants from the State Committee for Scientific Research (KBN): 1991-1994 (No. 50842 91 01); 1999-2001 (No. 5 PO6C 014 17); 2006-2009 (No. 2PO4C 025 30) 2011 – 2014 Warsaw Plant Health Initiative. EC FP7 (286093. REGPOT-CT_2011-WULS Plant Health). Project participant
Subject area of the research project for which the candidate student is being recruited	The research focuses on the specificity and complexity of the relationships between predatory mites and fruit flies (Drosophilidae) during the post-harvest period. Emphasis will be placed on studying alien and/or invasive fruit fly species in composters. The research will include observations of the phoresy of predatory mites on fruit flies, defensive behaviours of fruit flies, assessments of the mortality of adult flies carrying predatory mites, and life tables and predation rates of mites on the juvenile stages of fruit flies. It is also planned to investigate predators' ability to locate flies, particularly the role of odours emitted by fruit infested with flies.
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