

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

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| Name and surname, degree, title: Lucyna Kozłowska, dr hab., prof. SGGW | |
| Academic discipline/disciplines | food and nutrition technology, health sciences |
| Professional development (degrees and titles) in chronological order | <p>2002 – PhD in agricultural sciences in the field of food technology and human nutrition</p> <p>2013 – Assoc. Prof. agricultural sciences in the field of food technology and nutrition, specializing in human nutrition and dietetics</p> |
| Most important publications/ patents in the last 3 years (maximum 10) | <ol style="list-style-type: none"> 1. Kozłowska L, Viegas S, Scheepers Paul T.J. [i in.], HBM4EU E-waste study – An untargeted metabolomics approach to characterize metabolic changes during E-waste recycling. Environment International, 2025, vol. 196, s.1-12, DOI:10.1016/j.envint.2025.109281 2. Sijko-Szpańska M, Kozłowska L. Analysis of Relationships between Metabolic Changes and Selected Nutrient Intake in Women Environmentally Exposed to Arsenic. Metabolites. 2024 Jan 22;14(1):75. doi: 10.3390/metabo14010075. 3. Kozłowska L, Jagiello K, Ciura K, Sosnowska A, Zwiech R, Zbrog Z, Wasowicz W, Gromadzinska J. The Effects of Two Kinds of Dietary Interventions on Serum Metabolic Profiles in Haemodialysis Patients. Biomolecules. 2023 May 18;13(5):854. doi: 10.3390/biom13050854. 4. Sijko M, Janasik B, Wąsowicz W, Kozłowska L. Metabolic Changes and Their Associations with Selected Nutrients Intake in the Group of Workers Exposed to Arsenic. Metabolites. 2023 Jan 1;13(1):70. doi: 10.3390/metabo13010070. 5. Kozłowska L, Gromadzinska J, Zwiech R, Zbrog Z, Wasowicz W. Effects of the Malnutrition-Eat Additional Meal (MEAM) Diet on the Serum Levels of Albumin and C-Reactive Protein in Hemodialysis Patients. Nutrients. 2022 Dec 16;14(24):5352. doi: 10.3390/nu14245352. 6. Sitek A, Kozłowska L. The role of well-known antioxidant vitamins in the prevention of cadmium-induced toxicity. Int J Occup Med Environ Health. 2022 Aug 1;35(4):367-392. doi: 10.13075/ijomh.1896.01912. 7. Kozłowska L, Santonen T, Duca RC, Godderis L, Jagiello K, Janasik B, Van Nieuwenhuyse A, Poels K, Puzyn T, Scheepers PTJ, Sijko M, Silva MJ, Sosnowska A, Viegas S, Verdonck J, Wąsowicz W, On Behalf Of Hbm Eu Chromates Study Team, On Behalf Of Statistical Team. Metabolites. HBM4EU Chromates Study: Urinary Metabolomics Study of Workers Exposed to Hexavalent Chromium. 2022 Apr 18;12(4):362. doi: 10.3390/metabo12040362. 8. Przybylski W, Salek P, Kozłowska L, Jaworska D, Stańczuk J. Metabolomic analysis indicates that higher drip loss may be related to the production of methylglyoxal as a by-product of glycolysis. Poult Sci. 2022 Feb;101(2):101608. doi: 10.1016/j.psj.2021.101608. |
| Experience in work with doctoral students (defended doctoral | 2021 – defended doctoral dissertations, title: The influence of diet and beetroot juice on selected parameters of oxidative stress and physical performance in fencers. |

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| dissertations, initiated doctoral procedures) in chronological order | 2020-2024 – 4th-year doctoral student at the Doctoral School. title: Analysis of the relationship between diet and the metabolic profile of adults and children environmentally exposed to arsenic. |
| Achievements in the area of projects/grants (in the last 5 years) | <ol style="list-style-type: none"> 1. PARC - Partnership for the Assessment of Risk from Chemicals. Horizon Europe. 2022-2029. 2. European Human Biomonitoring Initiative (HBM4EU) Project. 2020 – 2022. 3. KGHM Polska Miedź S.A. project: Preparation of a long-term, coherent preventive program developed on the basis of the conducted research program related to the presence of arsenic and associated compounds among the group selected for research living in the industrial area of the copper region. 2021-2023. 4. National Science Center grant OPUS 17. Metabolomic profile and telomere length as indicators of the toxic effects of metals in welding dusts/fumes in the European population of welders. 2020-2024. 5. National Science Center grant OPUS 14. Searching for prognostic metabolomic markers of the effectiveness of nutritional intervention in hemodialysis patients. 2018-2023. 6. National Health Program. Reduction of health risks resulting from physical, chemical and biological threats in the external environment, workplace, recreation and residence. 2017-2021. |
| Subject area of the research project for which the candidate student is being recruited | Research on the impact of environmental factors on the health of various population groups. |
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