

Mgr. Patrícia Hockicková – works as an internal doctoral student at the Department of Laboratory Examination Methods in Healthcare at the Faculty of Health Care and Social Work at Trnava University in Trnava. She participates in teaching courses in Human Genetics, Microbiology – Mycology, Laboratory Techniques, and Somatology. From 2021 to 2023, she worked as an assistant researcher and teacher at the Department of Laboratory Examination Methods in Healthcare. During her doctoral studies, she was awarded 3rd place for the best contribution at the 9th Student Scientific Conference, which took place in České Budějovice, and 2nd place for the best student presentation at the 7th Labuda Days conference. She was also nominated for Student Personality of the Year 2023 and 2024. Her scientific and research activities focus on the impact of environmental pollutants on the model organism *Caenorhabditis elegans*.

Born: 1999

Publications:

1. KUCHARÍKOVÁ, S. – **HOCKICKOVÁ, P.** – MELNIKOV, K. – BÁRDYOVÁ, Z. – KAIGLOVÁ, A. The *Caenorhabditis elegans* cuticle plays an important role against toxicity to bisphenol A and bisphenol S. In: *Toxicology Reports*. [online]. 2023, roč. 10, s. 341-347. ISSN 22147500. DOI: 10.1016/j.toxrep.2023.02.013
2. KAIGLOVÁ, A. – **HOCKICKOVÁ, P.** – BÁRDYOVÁ, Z. – REHÁKOVÁ, R. – MELNIKOV, K. – KUCHARÍKOVÁ, S. 2024. The chemotactic response of *Caenorhabditis elegans* represents a promising tool for the early detection of cancer. *Discover Oncology* [online]. 2024, roč. 15, č. 1, s. 817. ISSN 2730-6011. DOI:10.1007/s12672-024-01721-7.
3. KAIGLOVÁ, A. – BÁRDYOVÁ, Z. – **HOCKICKOVÁ, P.** – ZVOLENSKÁ, A. – MELNIKOV, K. – KUCHARÍKOVÁ, S. 2025. *Caenorhabditis elegans* as a Model to Assess the Potential Risk to Human Health Associated with the Use of Bisphenol A and Its Substitutes. *International Journal of Molecular Sciences* [online]. 2025, roč. 26, č. 5, s. 2013. ISSN 1422-0067. DOI:10.3390/ijms26052013.