Darija Trekailo

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2025 – now	Natural sciences area Biology Science field (N 010) PhD studies (Vytautas Magnus University and Nature Research Centre). Research theme: "The Role of Wild and Domestic Felids in the Transmission of *Sarcocystis*, *Toxoplasma* and *Toxocara* Parasites" Research area: *Sarcocystis* parasites; *Toxoplasma* parasites; *Toxocara* nematodes.
2023 – 2025	Vilnius University, Biological diversity / Master. Master thesis: "Molecular Identification of Parasites in Vilnius City Soil Samples". Thesis did at Molecular ecology laboratory, Nature Research Centre. Research area: *Sarcocystis* parasites, *Toxoplasma* parasites, identification of parasites in soil samples, molecular methods.
2019 – 2023	Vilniaus University, Molecular biology / Bachelor. Bachelor thesis: "The Molecular Identification of Sarcocystis Species Transmitted via Predators of the Family Mustelidae". Thesis did at Molecular ecology laboratory, Nature Research Centre. Research area: *Sarcocystis* parasites, the family Mustelidae, molecular methods.

PROFESSIONAL EXPERIENCE

2025 10 – now	**PhD students** Laboratory of molecular ecology, Nature Research Centre
2023 09 – 2024 10	**Cafe administrator** „Vero Cafe"
2020 07 – 2023 09	**Barista** „Vero Cafe"

RESEARCH INTERESTS

Field of research: *Sarcocystis* parasites, *Toxoplasma* parasites, *Toxocara* nematodes, molecular methods, studies of Eurasian Lynx (*Lynx lynx*), Iberian Lynx (*Lynx pardinus*) and soil samples.

PUBLICATIONS

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science" database (with citation index):

1. Prakas, P., **Moskaliova, D**., Šneideris, D., Juozaitytė-Ngugu, E., Maziliauskaitė, E., Švažas, S., & Butkauskas, D. (2023). Molecular Identification of *Sarcocystis rileyi* and *Sarcocystis* sp. (Closely Related to *Sarcocystis wenzeli*) in Intestines of Mustelids from Lithuania. *Animals*, *13*(3), 467. https://doi.org/10.3390/ani13030467.
2. Šneideris, D., **Moskaliova, D**., Butkauskas, D. *et al.* The Distribution of *Sarcocsytis* Species Described by Ungulates-Canids Life Cycle in Intestines of Small Predators of the Family Mustelidae. *Acta Parasit.* **69**, 747–758 (2024). https://doi.org/10.1007/s11686-024-00814-1.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2024	**student** participating in a research activity funded by the Research Council of Lithuania, „Student Research During the Summer". Project No. P-SV-24-186: „Molecular Identification of Parasites in Vilnius City Soil Samples".
2024 - 2025	**student** participating in a research activity funded by the Research Council of Lithuania, „Student Research During the Semester". Project No. P-ST-24-124 „The Role of Lynx and Jackals in the Transmission of Parasites of the Genus *Sarcocystis*".

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. **Moskaliova D.**, Šneideris D., Butkauskas D., Juozaitytė-Ngugu E., Prakas P. Molecular Identification of *Sarcocystis* spp. in intestines of mustelids from Lithuania. *11th International Conference on Biodiversity Research*, October 20-22, Daugavpils University, Latvia.
2. **Moskaliova D.**, Strazdaitė-Žielienė Ž., Juozaitytė-Ngugu E., Butkauskas D., Prakas P. Molecular Identification of Parasites in Vilnius City Soil Samples. *International Conference The Coins 2025*, March 17-20, Lithuania.

OTHERS

1. An article by Darija Moskaliova, "Do Mustelid Predators Spread Sarcocystosis?", was published in the hunters' magazine Medžioklė in the May-June 2024 issue, No. 5 (90). Link to magazine (subscription required): https://prenumeruoti.lt/medziokle.