

Ieva Sokė

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2025–present	PhD student of Biology, Vytautas Magnus University and State Scientific Research Institute Nature Research Centre. Vilnius, Lithuania. Title of PhD thesis: „Integration of endophytic microorganisms in sustainable disease control approaches“. Supervisor: dr. Daiva Burokienė. The study is being carried out at the State Scientific Research Institute Nature Research Centre, Laboratory of Plant Pathology.
2023–2025	Master's degree of Life Sciences, study field – Microbiology, Vilnius University. Vilnius, Lithuania. Title of Master's thesis: „Study of the diversity and characteristics of fungi colonizing four tree species in the Punios šilas Strict Nature Reserve“. Supervisor: dr. Daiva Burokienė. The study was carried out at the State Scientific Research Institute Nature Research Centre, Laboratory of Plant Pathology.
2018–2022	Bachelor's degree of Life Sciences, study field – Biology, Vilnius University. Vilnius, Lithuania. Title of Master's thesis: „A survey of pathogenic fungi on <i>Cytisus scoparius</i> (L.) Link“. Supervisor: dr. Dovilė Čepukaitė. The study was carried out at the Nature Research Centre, Laboratory of Plant Pathology.

PROFESIONAL EXPERIENCE

2022 10 – present	Biologist (State Scientific Research Institute Nature Research Centre, Laboratory of Plant Pathology).
2023 10 – 2025 06	Scientific practice at the State Scientific Research Institute Nature Research Centre, Laboratory of Plant Pathology.
2022 06 – 2023 08	Chief specialist (State Plant Service under the Ministry of Agriculture, Phytosanitary Research Laboratory (Division)).
2021 06 – 2022 10	Laboratory technician (Nature Research Centre, Laboratory of Plant Pathology).
2021 03 – 2022 06	Scientific practice at the Nature Research Centre, Laboratory of Plant Pathology.

RESEARCH INTERESTS

Fields of research: isolation and cultivation of pure fungal cultures; identification of fungi by molecular methods, including DNA isolation and amplification by polymerase chain reaction (PCR), electrophoresis, preparation of samples for sequencing, bioinformatic analysis of data; studies of fungal pathogenicity and enzymatic activity.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2024–2027	Biologist in „Biopesticides for agriculture: harmful blooms forming species against plant pathogens“. Researcher Groups projects S-MIP-24-107. Coordinator: dr. Daiva Burokienė.
2023 – 2027	Working Group Member in COST Action CA22142: “Beneficial root-associated microorganisms for sustainable agriculture” (ROOT-BENEFIT). Coordinator: dr. Benoit Lefebvre

TRAINING

2025 02 – 2025 03	Series of three seminars about soil. Vilnius, Lithuania.
2023.04.26	Seminar „Vidaus audito atlikimas ir neatitikčių valdymas bandymų laboratorijose pagal ISO/IEC 17025:2018 standarto reikalavimus“. Vilnius, Lithuania.
2022 12 09	Seminar „Laboratorių kokybės vadybos reikalavimai pagal LST EN ISO/IEC 17025:2018 standartą“. Vilnius, Lithuania.
2022 06 13 – 2022 06 17	Training „Plant pest diagnostic: fungi, oomycetes“. National Phytosanitary Laboratory of State Plant Protection Service of Latvia. Riga, Latvia.

PARTICIPATION IN SCIENTIFIC CONFERENCES

1. **Sokė I.**, Jaseliūnaitė S., Čepukoit D., Burokienė D. Diversity and ligninolytic activity of saprotrophic fungi associated with *Ips typographus* and *Picea abies*. 6th Congress of Baltic Microbiologists „CBM 2025“, 1–3 October 2025, Riga, Latvia. Abstract book, p. 63: https://cbm2025.lu.lv/fileadmin/user_upload/lu_portal/projekti/cbm2020/CBM_WORD_FINAL_L.pdf
2. Čepukoit D., Koreivienė J., **Sokė I.**, Jaseliūnaitė S., Burokienė D. From toxic cyanobacterial blooms to bioactive antifungal agents. 6th Congress of Baltic Microbiologists „CBM 2025“, 1–3 October 2025, Riga, Latvia. Abstract book, p. 62: https://cbm2025.lu.lv/fileadmin/user_upload/lu_portal/projekti/cbm2020/CBM_WORD_FINAL_L.pdf
3. **Sokė I.**, Petlinskas D., Burokienė D. Phenoloxidase activity of microscopic fungi found in old-growth forests: diversity and lignin degradation potential. 68th International conference for students of physics and natural sciences „Open Readings 2025“, 13–16 May 2025, Vilnius, Lithuania. Abstract book, p. 296: <https://www.openreadings.eu/wp-content/abstracts/abstract-2025.pdf>
4. Jaseliūnaitė S., **Sokė I.**, Čepukoit D., Petlinskas D., Bucius M., Burokienė D. Paprastąją eglę (*Picea abies*) ir jos kenkėją žievėgraužį tipografą (*Ips typographus*) kolonizuojančių grybų fenoloksidazinis aktyvumas. 31-oji tarptautinė mokslinė-praktinė konferencija „Žmogaus ir gamtos sauga 2025“, 7–9 May 2025, Kaunas, Lithuania. https://zgs.vdu.lt/wp-content/uploads/2025/04/ZGS2025_programa.pdf
5. Bucius M., **Sokė I.**, Burokienė D. A study of the diversity and properties of fungi isolated from the soil. International Conference of Life Sciences „The COINS 2025“, 17–20 March 2025, Vilnius, Lithuania. Abstract book: <https://www.thecoins.eu/static/resources/booksofabstracts/COINS2025.pdf>
6. Čepukoit D., **Sokė I.**, Jaseliūnaitė S., Burokienė D. A study of population genetics in fungi of the genus *Diaporthe*. „17th European Conference on Fungal Genetics (ECFG17)“, 2–5 March 2025, Dublin, Ireland. Abstract book, p. 264: https://ecfg17.org/wp-content/uploads/2025/03/ECFG17-Book-of-abstracts_WEB.pdf

7. Burokienė D., Čepukoit D., Koreivienė J., **Sokė I.**, Jaseliūnaitė S. Biocontrol of phytopathogenic fungi using wild cyanobacteria biomass. „17th European Conference on Fungal Genetics (ECFG17)“, 2–5 March 2025, Dublin, Ireland. Abstract book, p. 216: https://ecfg17.org/wp-content/uploads/2025/03/ECFG17-Book-of-abstracts_WEB.pdf
8. Čepukoit D., Mizerienė G., **Sokė I.**, Jaseliūnaitė S., Gedminas A., Burokienė D. Lietuvoje susirūpinimą keliančio vabalo *Ips typographus* mikroorganizmų tyrimas. Lietuvos jaunųjų mokslininkų konferencija „Bioateitis: gamtos ir gyvybės mokslų perspektyvos“, 21 November 2024, Vilnius, Lithuania. Abstract book, p. 11: <https://gamtostyrimai.lt/wp-content/uploads/2024/11/2024-11-21-konferencijos-BIOATEITIS-pranesimu-tezes.pdf>
9. **Sokė I.**, Lygis V., Jaseliūnaitė S., Čepukoit D., Burokienė D. Wood-inhabiting fungi isolated from four tree species growing in protected old-growth forest stands. International Conference of Life Sciences „The COINS 2024“, 15–18 April 2024, Vilnius, Lithuania. Abstract book: <https://www.thecoins.eu/static/resources/booksofabstracts/COINS2024.pdf>
10. Čepukoit D., **Rinkevičiūtė I.**, Burokienė D. Fungal diversity on invasive *Cytisus scoparius* L. plants in Lithuania. 66th International conference for students of physics and natural sciences „Open Readings 2023“. 18–21 April 2023, Vilnius, Lithuania. Abstract book, p. 377: <https://openreadings.eu/wp-content/uploads/2023/abstract-2023.pdf>
11. Dunovska J., **Rinkevičiūtė I.**, Čepukoit D., Burokienė D. Invazinių *Robinia pseudoacacia* ir *Cytisus scoparius* augalų endofitinių grybų įvairovė. Nacionalinė konferencija „Mikrobiologija 2022“, 28–29 April 2022, Birštonas, Lithuania. Abstract book, p. 53: <https://talpykla.elaba.lt/elaba-fedora/objects/elaba:132262554/datastreams/MAIN/content>

OTHERS

Presentations for General Public (non-scientific presentations):

1. **XXII mokslo festivalis „Erdvėlaivis – Žemė“ 2025.** Topic: „Mikroorganizmų mugė: mus supantis pasaulis iš arčiau“ (2025-09-17)
2. **XXI mokslo festivalis „Erdvėlaivis – Žemė“ 2024.** Topic: „Paslaptingas mikroorganizmų pasaulis: ką žinome apie augalų ligas?“ (2024-09-17)
3. **„Žaliųjų idėjų festivalis 2024“.** The activities of the Laboratory of Plant Pathology, State Scientific Research Institute Nature Research Centre were presented (2024-05-05)
4. **XX mokslo festivalis „Erdvėlaivis – Žemė“ 2023.** Topic: „Mikroorganizmų reikšmė žmogui: ar gebame jiems vadovauti?“ (2023-06-09)

Articles for General Public (non-scientific articles):

1. **Sokė I.**, Jaseliūnaitė S., Čepukoit D., Burokienė D., 2025. Punios šilo gamtinio rezervato spygliuočių medžių grybai. Mūsų girios, 8 (928): 12–13. ISSN N 1392-6829
2. **Sokė I.**, Lygis V., Burokienė D., 2025. Karpotąjį beržą kolonizuojantys patogeniniai grybai. Mūsų girios, 4 (924): 20–21. ISSN 1392-6829