

Daiva Burokienė

CONTACT INFORMATION

Address Akademijos Str. 2, Vilnius LT-08412, Lithuania
Tel. no.: +370 5 269 72 91; mob. Ph. No +37 666 86 429
E-mail: daiva.burokiene@gamtc.lt
<https://gamtostyrimai.lt/en/darbuotojai/daiva-burokiene/orcid.org/0000-0001-5965-5210>
www.researchgate.net/profile/Daiva-Burokiene-2
<https://lt.linkedin.com/in/daiva-burokiene-2358b4124>



EDUCATION AND ACADEMIC DEGREE

- 2001 – 2007 PhD in Biomedical Sciences, Biology (01 B), Microbiology, Bacteriology, Virology, Mycology (B 230) [now equivalent to PhD in Natural Sciences, Biology (N 010)] / Vilnius University and Institute of Botany, Lithuania.
“Virulence and genetic polymorphism of *Clavibacter michiganensis* subsp. *michiganensis*”, supervisor – Dr M. Vasinauskienė.
- 1997 – 1999 Master’s degree in Plant Physiology and Microbiology / Vilnius University, Lithuania.
“*Pseudomonas syringae* pv. *tomato* – a causal agent of bacterial speck in tomato plants in Lithuania”.
The work was carried out in the Laboratory of Phytopathogenic Microorganisms of the Institute of Botany.
- 1993 – 1997 Bachelor’s degree in Biology / Vilnius University, Lithuania.
“Bacterial resistance to nickel and other heavy metals”.
The work was carried out at the Institute of Biochemistry, Laboratory of Genetic Engineering.

PROFESSIONAL EXPERIENCE

- 2017 07 – until now **Head of Laboratory of Plant Pathology**
State Scientific Research Institute Nature Research Centre
- 2025 10 – until now **Chief researcher**
Laboratory of Plant Pathology
- 2017 04 – 2025 10 **Senior researcher**
(since 2017 07 01 – Laboratory of Plant Pathology)
- 2007 11 – 2017 04 **Researcher**
(since 2010 01 01 – Institute of Botany at the Nature Research Centre)
- 2006 03 – 2007 11 **Junior researcher**
Laboratory of Phytopathogenic Microorganisms, Institute of Botany
- 2001 03 – 2006 03 **PhD student**
Laboratory of Phytopathogenic Microorganisms, Institute of Botany
- 1999 09 – 2001 03 **Assistant**
Laboratory of Phytopathogenic Microorganisms, Institute of Botany
- 1997 08 – 1999 09 **Senior laboratory assistant**
Laboratory of Phytopathogenic Microorganisms, Institute of Botany

2026 January

RESEARCH INTERESTS

Research area: detection and identification of bacterial and fungal plant pathogens as well as other endophytic and saprotrophic microorganisms by means of microscopic, biochemical and molecular analysis, isolation of pathogens in pure cultures, pathogenicity and virulence studies; isolation of DNA from various substrates (different types of soil, plant material, etc.), application of various PCR methods (MLST, rep-PCR, MP PCR, microsatellite analysis, etc.), sequencing, DNA fingerprinting, genomic and metagenomic analysis, population structure studies, search for chemical and biological control measures and research *in vivo* and *in vitro*.

PUBLICATIONS

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

1. Bumbulytė G., Čepukoit D., Būdienė J., **Burokienė D.**, Būda V., 2026. Yellow mealworm infection caused by *Hyphopichia burtonii* (Saccharomycetales: Pichiaceae) and associated changes in VOC. – *Journal of Invertebrate Pathology* (accepted).
2. Paletto A., Sergiacomi C., Marzano M., Avdibegović M., Belka M., Blumenstein K., Bragança H., Branco M. R., **Burokienė D.**, Casero J. J. D., Djordjevic I. D., Dobšínská Z., Jones G., Hrafnkelsdóttir B., Kacprzyk M., Korkmaz Y., Kičić M., Jürisoo L., İpekdağ K., Jánošíková Z., Libietė Z., Marčiulynienė D., Matošević D., Meňházová J., Orlović S., Morales-Rodríguez C., Papazova-Anakieva I., Malovrh Š. P., Poljaković-Pajnik L., Ramos A. P., Stokes J., Trestic T., Tuba K., Tuhkanen E.-M., Vettraino A. M., Zlatković M., Witzell J. 2025. Collaborative approaches to urban tree biosecurity: Stakeholder's knowledge, actions and social networks. – *Urban Forestry & Urban Greening*, 105: art. No. 128674. <https://doi.org/10.1016/j.ufug.2025.128674>.
3. Davydenko K., Łukaszewska-Skrzypniak N., Sadowska K., Nowakowska J.A., Raitelaitytė K., Markovskaja S., **Burokienė D.**, Shcherbak O., Martín-García J., Diez-Casero J.J., Hsiang T., Oszako T. 2024. Variability in pine pitch canker susceptibility among Scots pine (*Pinus sylvestris*) provenances in Eastern Europe. – *Forests*, 15(4): art. No. 613. <https://doi.org/10.3390/f15040613>
4. Franic I., Allan E., Prospero S., Adamson K., Attorre F., Auger-Rozenberg M.A., Augustin S., Avtzis D., Baert W., Barta M., Bauters K., Bellahirech A., Boron P., Braganca H., Brestovanska T., Brurberg M.B., Burgess T., **Burokienė D.**, Cleary M., Corley J., Coyle D.R., Csoka G., Cerny K., Davydenko K., de Groot M., Diez J.J., Lehtijarvi H.T.D., Drenkhan R., Edwards J., Elsafy M., Eotvos C.B., Falko R., Fan J.T., Feddern N., Furjes-Miko A., Gossner M.M., Grad B., Hartmann M., Havrdova L., Horakova M.K., Hrabetova M., Justesen M.J., Kacprzyk M., Kenis M., Kirichenko N., Kovac M., Kramarets V., Lackovic N., Lantschner M.V., Lazarevic J., Leskiv M., Li H.M., Madsen C.L., Malumphy C., Matosevic D., Matsiakh I., May T.W., Meffert J., Migliorini D., Nikolov C., O'Hanlon R., Oskay F., Paap T., Parpan T., Piskur B., Ravn H.P., Richard J., Ronse A., Roques A., Ruffner B., Sivickis K., Soliani C., Talgo V., Tomoshevich M., Uimari A., Ulyshen M., Vettraino A.M., Villari C., Wang Y.J., Witzell J., Zlatkovic M., Eschen R. 2023. Climate, host and geography shape insect and fungal communities of trees. – *Nature (Scientific Reports)*, 13: art. No. 11570. <https://doi.org/10.1038/s41598-023-36795-w>
5. Peduzzi C., Sagia A., **Burokiene D.**, Nagy I. K., Fischer-Le Saux M., Portier P., Dereeper A., Cunnac S., Roman-Reyna V., Jacobs J., Bragard C., Koebnik R. 2023. Complete genome sequencing of three clade-1 xanthomonads reveals genetic determinants for a lateral flagellin and the biosynthesis of coronatine-like molecules in *Xanthomonas*. – *Phytopathology*, 113(7): 1185–1191. <https://doi.org/10.1094/PHYTO-10-22-0373-SC>
6. Riit T., Cleary M., Adamson K., Blomquist M., **Burokienė D.**, Marčiulynienė D., Oliva J., Poimala A., Redondo M. A., Strømeng G. M., Talgø V., Tedersoo L., Thomsen I. M., Uimari A., Witzell J., Drenkhan R. 2023. Oomycete Soil Diversity Associated with *Betula* and *Alnus* in

- Forests and Urban Settings in the Nordic–Baltic Region. – *Journal of Fungi*, 9(9): art. No. 926. <https://doi.org/10.3390/jof9090926>
7. Franic I., Prospero S., Adamson K., Allan E., Attorre F., Auger-Rozenberg M.A., Augustin S., Avtzis D., Baert W., Barta M., Bauters K., Bellahirech A., Boron P., Braganca H., Brestovanska T., Brurberg M.B., Burgess T., **Burokienė D.**, Cleary M., Corley J., Coyle D.R., Csoka G., Cerny K., Davydenko K., de Groot M., Diez J.J., Lehtijarvi H.T.D., Drenkhan R., Edwards J., Elsafy M., Eotvos C.B., Falko R., Fan J.T., Feddern N., Furjes-Miko A., Gossner M.M., Grad B., Hartmann M., Havrdova L., Horakova M.K., Hrabetova M., Justesen M.J., Kacprzyk M., Kenis M., Kirichenko N., Kovac M., Kramarets V., Lackovic N., Lantschner M.V., Lazarevic J., Leskiv M., Li H.M., Madsen C.L., Malumphy C., Matosevic D., Matsiakh I., May T.W., Meffert J., Migliorini D., Nikolov C., O'Hanlon R., Oskay F., Paap T., Parpan T., Piskur B., Ravn H.P., Richard J., Ronse A., Roques A., Ruffner B., Sivickis K., Soliani C., Talgo V., Tomoshevich M., Uimari A., Ulyshen M., Vettraino A.M., Villari C., Wang Y.J., Witzell J., Zlatkovic M., Eschen R. 2022. Worldwide diversity of endophytic fungi and insects associated with dormant tree twigs. – *Scientific Data*, 9 (1): art. No. 62. <https://doi.org/10.1038/s41597-022-01162-3>.
 8. Mačionienė I., Čepukoit D., Šalomskienė J., Černauskas D., **Burokienė D.**, Šalaševičienė A., 2022: Effects of natural antimicrobials on *Xanthomonas* strains growth. – *Horticulturae*, 8(1): art. No. 7. <https://doi.org/10.3390/horticulturae8010007>.
 9. Koebnik R., **Burokiene D.**, Bragard C., Chang C., Fischer-Le Saux M., Kölliker R., Lang J.M., Leach J.E., Luna E.K., Portier P., Sagia A., Ziegler J., Cohen S.P., Jacobs J.M., 2021: The complete genome sequence of *Xanthomonas theicola*, the causal agent of canker on tea plants, reveals novel secretion systems in clade-1 xanthomonads. – *Phytopathology*, 111(4): 611–616. <https://doi.org/10.1094/PHYTO-07-20-0273-SC>.
 10. Mažeikienė I., Frercks B., **Burokienė D.**, Mačionienė I., Šalaševičienė A., 2021: Endophytic community composition and genetic-enzymatic features of cultivable bacteria in *Vaccinium myrtillus* L. in forests of the Baltic-Nordic region. – *Forests*, 12(12): art. No. 1647. <https://doi.org/10.3390/f12121647>.
 11. Kelpšienė J., Šneideris D., **Burokienė D.**, Supronienė S., 2021: The presence of pathogenic bacteria *Pseudomonas syringae* in cereals in Lithuania. – *Zemdirbyste-Agriculture*, 108(4): 291–296. doi: 10.13080/z-a.2021.108.037.
 12. Morales-Rodríguez C., Anslan Sten, Auger-Rozenberg M.A., Augustin S., Baranchikov Y., Bellahirech A., **Burokiene D.**, Cepukoit D., Cota E., Davydenko K., Doğmuş-Lehtijärvi H.T., Drenkhan R., Drenkhan T., Eschen R., Franić I., Glavendekic M., de Groot M., Kacprzyk M., Kenis M., Kirichenko N., Matsiakh I., Musolin D.L., Nowakowska J.A., O'Hanlon R., Prospero S., Roques A., Santini A., Talgø V., Tedersoo L., Uimari A., Vannini A., Witzell J., Woodward S., Zambounis A., Cleary M., 2019: Forewarned is forearmed: harmonized approaches for early detection of potentially invasive pests and pathogens in sentinel plantings. – *NeoBiota*, 47: 95–123. doi: 10.3897/neobiota.47.34276.
 13. Lygis V., Rigling D., **Burokiene D.**, Prospero S., Marciulyniene D., Schoebel C. N., Norkute G., 2017: Virulence of the invasive ash pathogen *Hymenoscyphus fraxineus* in old and newly established populations. – *Plant Pathology*, 66: 783–791. doi:10.1111/ppa.12635.
 14. Menkis A., **Burokienė D.**, Stenlid J., Stenström E., 2016: High-throughput sequencing shows high fungal diversity and community segregation in the rhizospheres of container-grown conifer seedlings. – *Forests*, 7: art. No. 44. doi: 10.3390/f7020044.
 15. **Burokiene D.**, Prospero S., Jung E., Marciulyniene D., Moosbrugger K., Norkute G., Rigling D., Lygis V., Schoebel C.N., 2015: Genetic population structure of the invasive ash dieback pathogen *Hymenoscyphus fraxineus* in its expanding range. – *Biological Invasions*, 17(9): 2743–2756. doi: 10.1007/s10530-015-0911-6.
 16. Lygis V., Bakys R., Gustiene A., **Burokiene D.**, Matelis A., Vasaitis R., 2014: Forest self-regeneration following clear-felling of dieback-affected *Fraxinus excelsior*: focus on ash. – *European Journal of Forest Research*, 133: 501–510. doi: 10.1007/s10342-014-0780-z.

17. Menkis A., **Burokienė D.**, Gaitnieks T., Uotila A., Johannesson H., Rosling A., Finlay R.D., Stenlid J., Vasaitis R., 2012: Occurrence and impact of the root-rot biocontrol agent *Phlebiopsis gigantea* on soil fungal communities in *Picea abies* forests of northern Europe. – *FEMS Microbiology Ecology*, 81(2): 438–445. Online ISSN: 1574-6941. doi: 10.1111/j.1574-6941.2012.01366.x
18. **Burokienė D.**, Puławska J., 2012: Characterization of *Xanthomonas arboricola* pv. *juglandis* isolated from walnuts in Lithuania. – *Journal of Plant Pathology*, 94 (1, Supplement): S1.23–S1.27. ISSN: 1125–4653. doi: 10.4454/jpp.v94i1sup.005
19. Menkis A., **Burokienė D.**, 2012: Distribution and genetic diversity of the root-rot pathogen *Neonectria macrodidyma* in a forest nursery. – *Forest pathology*, 42: 79–83. Online ISSN: 1439–0329. doi: 10.1111/j.1439-0329.2011.00712.x
20. Menkis A., Lygis V., **Burokienė D.**, Vasaitis R., 2012: Establishment of ectomycorrhiza-inoculated *Pinus sylvestris* seedlings on coastal dunes following a forest fire. – *Baltic Forestry*, 18(1): 33–40. ISSN 1392–1355.
21. Lygis V., Bakys R., **Burokienė D.**, Vasiliauskaitė I., 2012: *Chondrostereum purpureum*-based control of stump sprouting of seven hardwood species in Lithuania. – *Baltic Forestry*, 18(1): 41–55. ISSN 1392–1355.

Scientific articles published in conference proceedings, indexed in „Clarivate Analytics Web of Science“ database:

1. Morkeliūnė A., Rasiukevičiūtė N., **Burokienė D.**, Valiuškaitė A. 2020. Application of *Salvia officinalis* and *Picea abies* essential oils for controlling *Colletotrichum* spp. – *The Proceeding of International Scientific Conference “Rural Development 2019”*: Research and Innovation for Bioeconomy: p. 46-50. doi: 10.15544/RD.2019.002. Vytautas Magnus University Agriculture Academy, ISSN 1822-3230. eISSN 2345-0916.

Other reviewed scientific publications (books, books' chapters, collections of articles, articles, textbooks and etc.):

1. Kacprzyk M., Matsiakh I., Musolin D. L., Selikhovkin A. V., Baranchikov Y.N., **Burokiene D.**, Cech T., Talgø V., Vettraino A.M., Vannini A., Zambounis A., Prospero S. 2017. Damage to stems, branches and twigs of broadleaf woody plants. – In: Roques A., Cleary M., Matsiakh I., Eschen R. (eds). *Field guide for the identification of damage on woody sentinel plants*. Chapter 8: 104–134. ISBN 9781786394415. doi: 10.1079/9781786394415.0000.
2. Matsiakh I., Kacprzyk M., Musolin D.L., Selikhovkin A.V., Baranchikov Y.N., **Burokiene D.**, Vannini A., Talgø V., Prospero S., 2017: Damage to stems, branches and twigs of coniferous woody plants. – In: Roques A., Cleary M., Matsiakh I., Eschen R. (eds). *Field guide for the identification of damage on woody sentinel plants*. Chapter 13: 224–247. ISBN 9781786394415. doi: 10.1079/9781786394415.0224.
3. Vasinauskienė M., **Burokienė D.**, Snieškienė V., 2007: Lietuvoje augančių riešutmedžių (*Juglans* spp.) bakterinės ligos. – In: *Žvilgsnis į mikroorganizmų pasaulį: gamtamokslinio ugdymo priemonė* [sudarytojai: L. Kalėdienė, A. Lugauskas, O. Motiejūnaitė, J. Šalomskienė, J. Šyvokienė, A. Šuminienė]. – Vilnius, Lietuvos Respublikos švietimo ir mokslo ministerijos Švietimo aprūpinimo centras: 133–136. ISBN 978-9986-03-611-1.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

- 2024–2027 **project leader** of the Researchers Groups project financed by Research Council of Lithuania “Biopesticides for agriculture: harmful blooms forming species against plant pathogens (HABpest)”. Project No S-MIP-24-107
(<https://projektai.lmt.lt/report/VykdomiProjektai/Vykdomi%20projektai>)
- 2023–2027 **management committee member** in **COST Action CA22142**: “Beneficial root-associated microorganisms for sustainable agriculture (ROOT-BENEFIT)”. Coordinator of the Action: INRAE, Paris, France.
(<https://www.cost.eu/actions/CA22142/#tabs+Name:Management%20Committee>)
- 2021–2025 **management committee member** in **COST Action CA20132**: “Urban Tree Guard – Safeguarding European Urban Trees And Forests Through Improved Biosecurity (UB3Guard)”. Coordinator of the Action: Linneus University, Växjö, Sweden.
(<https://www.cost.eu/actions/CA20132/#tabs+Name:Management%20Committee>)
- 2020–2022 **project leader** in the **Lithuanian-Slovenian** bilateral cooperation in the field of science and technology. Project „Examination of fungal oxidases potential for lignin valorisation“ (project leader in Slovenia: Dr. Blaž Likozar, Department of Catalysis and Chemical Reaction Engineering, National Institute of Chemistry, Ljubljana, Slovenia). (<https://www.aris-rs.si/sl/medn/dvostr/rezultati/20/inc/LITVA-odobrene-prijave.pdf>)
- 2019–2021 **co-investigator** in the project of **Nordic Forest Research** Co-operation Committee (SNS) „Preventing the spread of new pathogens in Nordic forests to secure sustainable forestry in growing bioeconomy“. Project No. SNS-123.
(<https://nordicforestresearch.org/sns-123/>)
- 2020 **working group member** in the project of North European Forest Mycologists (NEFOM, www.nefom.dk) „Headline for 2020: “Back to the roots”
(<https://nordicforestresearch.org/blog/2020/01/14/eight-networks-granted/>;
<https://nordicforestresearch.org/wp-content/uploads/2023/07/NEFOM.pdf>)
- 2019 **project leader** in the **Baltic-German** University Liaison Office project „Consolidating approaches to mitigate the ash dieback disease in the Baltic States and Germany“. Project No. 2019/11. (<https://nordicforestresearch.org/sns-123/>)
- 2018–2022 **management committee member** in **COST Action CA17128**: “Establishment of a Pan-European network on the sustainable valorisation of lignin (LignoCOST)”. Coordinator of the Action: Stichting Wageningen Search, Netherlands.
(<https://www.cost.eu/actions/CA17128/#tabs+Name:Management%20Committee>)
- 2018–2019 **project leader** in **Ukrainian-Lithuanian** Research and Development Joint Project “Biological control of forest invasive pathogens to preserve biodiversity in European noble forest and woodland ecosystems (InvazBio)”. Project No. S-LU-18-10. (<https://lmt.lrv.lt/media/viesa/saugykla/2024/1/beKBLjhLI9M.pdf>)
- 2017–2021 **management committee member** in **COST Action CA16107**: “EuroXanth: Integrating science on *Xanthomonadaceae* for integrated plant disease management in Europe”. Coordinator of the Action: Institut de Recherche pour le Développement, France.
(<https://www.cost.eu/actions/CA16107/#tabs+Name:Management%20Structure>)
- 2017–2018 **working group member** in **EUPHRESKO** “*Chalara*, current situation”, representative from Lithuania. Project: 2016-C-227. Project coordinator: dr. Glyn Jones (FERA Science Ltd., UK). (<https://drop.euphresco.net/data/e76dd3a0-432b-4410-a908-2fa9eb3da032>)
- 2016–2019 **co-investigator** in the project of **Nordic Forest Research** Co-operation Committee (SNS) “Assessing the role of climate factors in association with spread of invasive *Phytophthora* species in forests and from urban landscapes”. Project No. SNS-121.

(<https://nordicforestresearch.org/sns-121/>)

- 2014–2018 **management committee member** in **COST Action FP1401**: “A global network of nurseries as early warning system against alien tree pests (Global Warning)”. Coordinator of the Action: CABI (Centre for Agriculture and Biosciences International), Switzerland; participants from 32 COST countries.
(<https://www.cost.eu/actions/FP1401/#tabs+Name:Management%20Structure>)
- 2012–2016 **principal investigator** in the project of the **Lithuanian-Swiss** programme „Research and Development“. Join research project „Incidence of mycoviruses in epidemic and post-epidemic populations of the ash dieback pathogen *Chalara fraxinea* and evaluation of their potential for biological control of the disease (CONTROLDIEBACK)“. Project No. CH-3-ŠMM-01/12.
- 2012 **co-investigator** in the project of the **Nordic Forest Research** Co-operation Committee (SNS) “Risk assessment and establishment of a system to address potential pathogens in Nordic forestry as a result of climate change“. Project No. SNS-113.
- 2011–2016 **working group member** in **COST Action FP1103**: “*Fraxinus* dieback in Europe: elaborating guidelines and strategies for sustainable management (FRAXBACK)”. Coordinator of the Action: Swedish University of Agricultural Sciences (SLU), Sweden.
- 2010–2012 **co-investigator** in the project of **Nordic Forest Research** Co-operation Committee (SNS) ”Decline of *Fraxinus excelsior* in northern Europe” (subprogramme: “Uosis”). Project No. SNS-109.
- 2010–2011 **principal investigator** of the in the project financed by Research Council of Lithuania: ”Application of parasitic fungus *Chondrostereum purpureum* for stump sprouting control in hardwoods (BIOCHON)”. Project No. MIP-133.
- 2009–2011 **principal investigator** in the project of the **Programme “Ukraine”** „Forest regeneration and sustainability at the forest/steppe border, aimed to control desertification in Ukraine“. Subprogram: Svenska Institutets Visbyprogrammet (Visby programme of Swedish University). Project No. 00572/2009. Project coordinator: Swedish University of Agricultural Sciences (SLU), Sweden.
- 2008–2010 **principal investigator** in the **Lithuanian State Science and Studies Foundation** Priority program and experimental development program „Prokaryotes used for effective agriculture and their development for safe food production (PROKTECHAS)“. Project No. C-08018.
- 2007–2011 **co-investigator** in the project of the **Nordic Forest Research** Co-operation Committee (SNS) “Nordic co-operation in Forest Pathology organised as a virtual Centre of Advanced Research (PATHCAR)”. Project No. CAR 1-2006.
- 2007–2009 **co-investigator** in the project of **European Community Coordination Action, FP6** “European Network on emerging diseases and threats through invasive alien species in forest ecosystems (FORTHREATS)”. European Commission FP6, Project No. 044436.
- 2006–2011 **management committee substitute member** in **COST Action 873**: „Bacterial diseases of stone fruits and nuts“. Coordinator of the Action: Agroscope, Wädenswil, Switzerland.
- 2006–2010 **co-investigator** in the project “Management of coastal forests of Lithuania: sustaining and enhancing forest health through silviculture (LITCOAST)”. European Commission, European Community Marie Curie Actions. Project No. MTKI-CT-2006–042622.

INTERNSHIP AND TRAINING

2025-03-18 – 2025-03-20	NCP_WIDERA.NET “Study visit at the Institute on Membrane Technology (CNR-ITM)”. Rende, Italy (https://areacs.cnr.it/programme-study-visit-hosted-in-the-national-research-council-of-italy-cnr-institute-on-membrane-technology-itm-for-researchers-and-research-managers-and-administrators-rmas-from-widen/)
2024-09-24 – 2024-09-27	„ENoLL Learning Lab Day“ – „Digital and Green LivingLab“. Timișoara, Romania (programme: https://openlivinglabdays.com/program-2024/).
2021-04-21 – 2021-04-22	Online training course "LTOM.01.008 Metabarcoding Data Management and Analysis in PlutoF". Natural History Museum and Botanical Garden of the University of Tartu in co-operation with the NEFOM network.
2019-08/09	“Studies on the bacterial genome”. Institut de Recherche pour le Développement / Institute of Research for Development (IRD) (Montpellier, France)
2019-07	„Molecular typing of bacteria (MLST, NGS, 16S, etc.)“ at Zurich University of Applied Sciences (ZHAW) (Wädenswil, Switzerland).
2013–2015 (6 months in total)	Swiss Federal Institute for Forest, Snow and Landscape Research (WSL) (Birmensdorf, Switzerland).
2009–2012 (21 months in total)	Swedish University of Agricultural Sciences in Uppsala (Sweden).
2004 to 2010 (24 months in total)	Research Institute of Pomology and Floriculture (Skierniewice, Poland)
2010-04-06 – 2010-04-09	„ <i>Pseudomonas</i> . Pathogens of stone fruit and nut plants: classical and molecular phycobacteriology“. Training School in Belgrade, Republic of Serbia
2009-09-21 – 2029-09-25	„ <i>Xanthomonas</i> Diagnosis and Biodiversity“. Training Workshop in INRA- Angers, France.
2008-03-02 – 2008-03-07	„Plant Bacteriology“. Central Science Laboratory, York, UK
2000 to 2001 (8 months in total)	Laboratory of Gene Engineering of the Institute of Biotechnology (Vilnius, Lithuania).

PARTICIPATION IN THE STUDY PROCESS

Supervision of PhD students:

Science area: *Natural Sciences* (N000). Science field: *Biology* (N010)

Simona Jaseliūnaite	Research topic: “The role of pest-associated microbiomes in shaping ecosystem threats: research on pest-microorganism interactions”	2025-10-01 – 2029-09-30
Ieva Sokė	Research topic: “Integration of endophytic microorganisms in sustainable disease control approaches”	2025-10-01 – 2029-09-30
Yuliia Lysak	Research topic: „Changes in the rhizosphere and endosphere microbiome of winter wheat (<i>Triticum aestivum</i> L.) induced by abiotic and biotic factors: metagenomic analysis and functional characterisation“ As part of the Lithuanian Science Council's measure to promote careers, mobility and dissemination of science "Support for state-funded doctoral study places awarded on a competitive basis (competitive doctoral studies)": Applications reg. no. P-PAD-24-194. Executing Agency: Nature Research Centre, headed by Dr. Daiva Burokienė; partner: Sidona Sikorskaitė-Gudžiūnienė: https://lmt.lrv.lt/public/canonical/1720157448	2024-10-01 – 2027-09-30

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Dovilė Čepukoitė	Research topic: “Microorganisms of the genus <i>Diaporthe</i> and <i>Xanthomonas</i> in <i>Fabaceae</i> plants”	2017-10-02 – 2023-09-30
Karolis Sivickis	Research topic: „The role of <i>Phytophthora</i> genus oomycetes in the declining oak stands (<i>Quercus robur</i> L.) and ecology of these pathogens“	2016-12-01 – 2024-11-30

Participation in the process of PhD defence / Scientific consultant:

Science area: *Natural Sciences* (N000). Science field: *Biology* (N010)

Raimonda Mažulytė	Member of Dissertation Defence Panel. Topic: “Influence of soil microbiome composition and functionality on plants vegetative processes”. Supervisor Prof. dr. Eglė Lastauskienė; Doc. dr. Audrius Gegeckas. Vilnius University, Life Sciences Center. <i>Biology</i> (N010) https://talpykla.elaba.lt/elaba-fedora/objects/elaba:249715014/datastreams/MAIN/content	2025
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Research field: *Agricultural sciences* (A000).

Simona Chrapačienė	Scientific advisor. Topic: “The prevalence and development of <i>Rhizoctonia carotae</i> (Ärsvoll) U. Braun in field and occurrence on stored carrot roots”. Supervisor dr. Neringa Rasiukevičiūtė. Lithuanian Research Centre for Agriculture and Forestry, Vytautas Magnus University. <i>Agronomy</i> (A001) https://www.lammc.lt/data/public/uploads/2024/05/simonos-chrapacienes-disertacija-.pdf	2019-10-01 – 2023-09-30
Dorotėja Vaitiekūnaitė	Member of Defence Council. Topic: “Pedunculate oak (<i>Quercus robur</i> L.) endophyte use for sustainable tree fertilization and protection from pathogens <i>in vitro</i> ”. Lithuanian Research Centre for Agriculture and Forestry, Vytautas Magnus University. <i>Forestry</i> (A 004) https://www.lammc.lt/data/public/uploads/2023/08/disertacija.-d.-vaitiekunaite.pdf	2023

Science area: *Natural Sciences* (N000). Science field: *Ecology and Environmental Sciences* (N012)

Eglė Malachovskienė	Member of Defence Council. Fungal destructive activity in the degradation of linseed oil-based polymer composites filled with organic waste materials and its dependence on environmental factors“. Nature Research Centre and Vilnius University. https://ibiblioteka.lt/metis/publication/LIBIS000000638546?q=ewbug1wk1	2023
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Supervision of bachelor and master students:

Ieva Sokė	Master thesis: „Study of the diversity and characteristics of fungi colonizing four tree species in the Punios šilas Strict Nature Reserve“. Vilnius University, Life Sciences Center	2023–2025
Simona Jaseliūnaitė	Master thesis: “Study of the diversity of microorganisms in the European spruce bark beetle (<i>Ips typographus</i>)”. Vilnius University, Life Sciences Center	2023–2025

Dovilė Joknytė	Bachelor thesis “The research of vegetative compatibility of fungi of the genus <i>Diaporthe</i> ”. Vilnius University, Life Sciences Center	2022–2023
Laurita Juočytė	Bachelor thesis "The diversity of microscopic fungi found in pedunculate oak (<i>Quercus robur</i> L.)". Vilnius University, Life Sciences Center	2021–2022
Beatričė Makauskaitė	Bachelor thesis: “Characterization of bacteria isolated from legume (<i>Fabaceae</i>) plants”. Vilnius University, Life Sciences Center	2019–2020
Julija Šepetovskaja	Master thesis: “Endophytic fungi of the <i>Pinus</i> sp.” (Vilnius University; study program: Microbiology and Biotechnology)	2018–2019
Tomas Bukys	Bachelor thesis: “Isolation and identification of <i>Phytophthora</i> species associated with oak, alder and rhododendron plants”. Vilnius Gediminas Technical University, Fundamental Sciences faculty, Chemistry and Bioengineering department, Bioengineering study programme.	2018–2019
Aurelija Putramentaitė	Bachelor thesis “Isolation and characterization of antagonistic bacteria against phytopathogenic fungi of <i>Fabaceae</i> plants” Vilnius University, Life Science Center, Institute of Biosciences	2017–2018
Aistė Lisavičiūtė	Bachelor Thesis, „Occurrence of post-harvest fungal pathogens on cold stored wild carrots (<i>Daucus carota</i> L.)“ Vilnius University, Life Sciences Center	2017–2018
Dovilė Čepukoit	Vilniaus universitetas, Gyvybės mokslų centras, Biomokslų institutas, Mikrobiologijos ir biotechnologijos studijų programa; Magistrinis darbas “ <i>Phytophthora</i> genties patogenų, pažeidžiančių <i>Rhododendron</i> genties augalus, paieška Vilniaus Universiteto Botanikos sode”	2015–2017
Karolina Kolytė	Bakalaurinis darbas. Vilniaus universitetas, Gyvybės mokslų centras, Biomokslų institutas, Mikrobiologijos ir biotechnologijos studijų programa “ <i>Fusarium</i> genties grybų charakterizavimas ir patogeninių savybių pokyčio tyrimas”.	2016–2017
Viktorija Bagušauskaitė	Bachelor: “Fizikinių metodų efektyvumo įvertinimas <i>Rhododendron smirnowii</i> Trautv. sėklų mikrobiologiniam užterštumui ir rizosferinių bakterijų atranka biokontrolei“	2015 – 2017

PARTICIPATION IN EDITORIAL BOARDS OF INTERNATIONAL SCIENTIFIC PUBLICATIONS

Membership in editorial boards of scientific journals:

„Forestry and Forest Melioration“	Editor (ЛІСІВНИЦТВО І АГРОЛІСОМЕЛІОРАЦІЯ) (https://forestry-forestmelioration.org.ua/index.php/journal ; ISSN 1026-3365; eISSN 2663-4147 DOI 10.33220 Members: https://forestry-forestmelioration.org.ua/index.php/journal/issue/view/31/32]	from 2018 till now
“Pathogens”	Guest Editor - A special issue of (ISSN 2076-0817). This special issue belongs to the section "Fungal Pathogens": Special Issue "Current Research on <i>Fusarium</i> " (2022-2023) https://www.mdpi.com/journal/pathogens/special_issues/Current_Research_on_Fusarium	2022–2025

- A special issue of Pathogens (ISSN 2076-0817). This special issue belongs to the section "Fungal Pathogens": Special Issue **"Current Research on *Fusarium*: 2nd Edition"** (2023-2025).
https://www.mdpi.com/journal/pathogens/special_issues/BFJZS13L88

PARTICIPATION IN NATIONAL AND/OR INTERNATIONAL RESEARCH THEMATIC NETWORKS AND/OR SCIENTIFIC ORGANIZATIONS AND/OR SOCIETIES

(letter confirming membership attached):

- Member of the Federation of European Microbiological Societies (FEMS) (from 2017 until now).
- Lithuanian Society of Microbiologists (LMD):
 - and since 2015 until now – Member of the Board;
 - and since 2019 until now – Deputy Chairman of the Society; (<https://mikrobiologija.lt/valdyba>).

PROJECTS WITH INTERPRISERS

- „Phytosanitary evaluation of *Anethum* sp. and microbiological evaluation of plant material“ (customer: private person; application: 04-11-2025). Project leader: D. Burokiene; co-investigator: D. Čepukoit.
- „Phytosanitary evaluation of *Tulipa* spp. and microbiological evaluation of plant material“ (customer: „Daugyvenė cultural history museum-reserve“; application: 27-06-2025). Project leader: D. Burokiene; co-investigators: D. Čepukoit, E. Eklevaitė.
- „Phytosanitary evaluation of *Pinus* spp. and microbiological evaluation of plant material“ (customer: „Savas būstas“; application: 26-06-2025). Project leader: D. Burokiene; co-investigators: D. Čepukoit, I. Sokė, S. Jaseliūnaitė.
- „Phytosanitary evaluation of pears and microbiological evaluation of plant material“ (customer: private person; application: 16-10-2024). Project leader: D. Burokiene; co-investigators: D. Čepukoit, S. Jaseliūnaitė.
- „Phytosanitary evaluation of *Actinidia* and microbiological evaluation of plant material“ (customer: private person; application: 11-09-2024). Project leader: D. Burokiene; co-investigator: D. Čepukoit.
- „Phytosanitary evaluation of pine trees and microbiological evaluation of plant material“ (customer: private person, application: 09/09/2024). Project leader: D. Burokiene; co-investigators: D. Čepukoit, I. Sokė.
- „Phytosanitary status and microbiological evaluation of plant material of chestnut (*Aesculus hippocastanum* L.) and oak (*Quercus robur* L.)“ (customer: „Lithuanian Arboricultural Centre“; application: 10-09-2024). Project leader: D. Burokiene; co-investigators: D. Čepukoit, I. Sokė.
- „Microbiological evaluation of plant material of the chestnut tree (*Aesculus hippocastanum* L.)“ (customer: „Lithuanian Arboriculture Centre“; application: 2024-03-15). Project leader: D. Burokiene; co-investigators: D. Čepukoit, I. Sokė.
- „Microbiological evaluation of spruce plant material“ (customer: Vilnius City Naujosios Vilnios Culture Centre; application: 2023-07-13). Project leader: D. Burokiene; co-investigator: D. Čepukoit.
- „Evaluation of pine plant material“ (customer: private person; application: 10-07-2023). Project leader: D. Burokiene; co-investigator: D. Čepukoit.

- „Microbiological evaluation of cherry plant material“ (customer: Sky Invest UAB; application: 2023-07-07). Project leader: D. Burokiene; co-investigators: D. Čepukoit, S. Jaseliūnaitė.
- „Microbiological evaluation of Actinidia plant material“ (customer: private person; application: 2023-05-22). Project leader: D. Burokienė; co-investigator: D. Čepukoit.
- „Microbiological examination of maple plant material“ (customer: private person; application: 31-08-2021). Project leader: D. Burokiene; co-investigator: D. Čepukoit.
- „Investigation of microbiological contamination of samples“ (customer: UAB Daumantai LT; contract no. 2021/PR-4-11; 2021-06-09). Project manager: D. Burokienė; co-investigator: D. Čepukoit.
- „Study on the virucidal effect of surface materials“ (customer: Innovative MKDS, UAB; Contract No. 2021/PR-4-9; 2021-05-19). Project manager: D. Burokienė; co-investigator: D. Čepukoit.
- „Assessment of the phytosanitary status of spruce trees“ (customer: private person; Contract No. 2021/PR-4-5; 31/03/2021). Project leader: D. Burokienė; co-investigator: D. Čepukoit.
- „Assessment of the phytosanitary status of pine trees“ (customer: UAB „Stebulė“; Contract No. 2021/PR-4-6; 31/03/2021). Project leader: D. Burokienė; co-investigator: D. Čepukoit.
- „Microbiological evaluation of production material“ (customer: UAB „NMF Porolon“; Contract No. 2021/PR-4-2; 12.03.2021). Project leader: D. Burokienė; co-investigator: D. Čepukoit.
- „Evaluation of resistance to mould fungi under conditions of increased humidity“ (customer: UAB „Nagenus“; Contract No. 2020/PR-4-20; 18-12-2020). Project manager: D. Burokienė; co-investigators: D. Čepukoit, K. Sivickis.
- „Detection of plant pathogenic microorganisms“ (contract no. 2020/PR-4-8; 2020-08-20). Project leader: D. Burokienė; co-investigator: D. Čepukoit.

ORGANIZATION OF SCIENTIFIC CONFERENCES

1. **Member of the Scientific Committee** for the international scientific conference of the 6th Congress of Baltic Microbiologists (CBM2025), October 1–3, Ryga, Latvia: <https://cbm2025.lu.lv/about/scientific-committee/>. **Chair of the Session** “Microbial diversity and preservation”: <https://cbm2025.lu.lv/programme/scientific-programme/>
2. **Member of the Organizing and Scientific Committee** for the 5th Congress of Baltic Microbiologists – CBM2023. October 11–13, 2023, Vilnius (Lithuania): <https://cbm2023.com/committees>; **Chair of the Session** “Environmental Microbiology”: <https://cbm2023.com/program>.
3. **Member of the Scientific Committee** for the international scientific conference "Current issues in Biotechnology, Ecology and Nature Management". April 27–28, Kharkiv (Ukraine). Virtual conference: <https://biotechuniv.edu.ua/wp-content/uploads/2023/04/zaprosh-conf-27-28-04-23-en.pdf>.
4. **Organizing a workshop** – 1st Policy workshop of COST Action CA20132 „Urban Tree Guard – safeguarding European urban trees and forests through improved biosecurity“. October 10–11, 2023, Vilnius (Lithuania) (<https://gamtostyrimai.lt/gamtos-tyrimu-centre-renginys-apie-miesto-medziu-apsauga/>; <https://ub3guard.eu/news/1st-ub3guard-policy-workshop-winds-history-and-today-over-trees-vilnius>).

PARTICIPATION IN SCIENTIFIC CONFERENCES

Member of the jury for poster presentations at the International Scientific Conference (certificates enclosed):

- International Conference of Life Sciences „The COINS 2024“, April 15–18, Vilnius, Lithuania.
- International Conference of Life Sciences „The COINS 2023“, April 24–27, Vilnius, Lithuania.

International scientific conferences:

- *Abroad:*

1. Koreivienė J., **Burokienė D.**, Čepukoit D., Karosienė J., Šmeliova K., Kasperovičienė J., Iliakopoulou S., Gialleli A., Hiskia A., Kaloudis T. 2026. Bioprospecting *Microcystis*-dominated toxic biomass for valuable compounds and biopesticidal activity. *SETAC Europe 36th Annual Meeting, May 17-21, Maastricht, The Netherlands*. <https://www.setac.org/discover-events/global-meetings/setac-europe-36th-annual-meeting/programme/scope-and-tracks.html>
2. Čepukoit D., Koreivienė J., Sokė I., Jaseliūnaitė S., **Burokienė D.** 2025. From toxic cyanobacterial blooms to bioactive antifungal agents. *6th Congress of Baltic Microbiologists. October 1-3, Ryga, Latvia*. <https://cbm2025.lu.lv/>. Book of Abstracts: 62. https://cbm2025.lu.lv/fileadmin/user_upload/lu_portal/projekti/cbm2020/CBM_WORD_FIN_ALL.pdf
3. Sokė I., Jaseliūnaitė S., Čepukoit D., **Burokienė D.** 2025. Diversity and ligninolytic activity of saprotrophic fungi associated with *Ips typographus* and *Picea abies*. *6th Congress of Baltic Microbiologists. October 1-3, Ryga, Latvia*. <https://cbm2025.lu.lv/>. Book of Abstracts: 63. https://cbm2025.lu.lv/fileadmin/user_upload/lu_portal/projekti/cbm2020/CBM_WORD_FIN_ALL.pdf
4. Marčiulygienė D., Franić I., Prospero S., Branco M., de Groot M., Aday Kaya A.G., Akyol S., Augustinus B., Avtzis D., Belka M., Beram C., Birben Ü., Blagojević J., Blumenstein K., Bragança H., Brockerhoff E., **Burokienė D.**, Cleary M., Corcobado T., Čepukoit D., Davydenko K., Diez J.J., Đorđević I., Drenkhan R., Drenkhan-Maaten T., Dvořák M., Economou A., Ipekdağ K., Ghelardini L., Grigorov B., Hysa A., Hoppe B., Jürisoo L., Kacprzyk M., Kavallieratos N.G., Klavina D., Korkmaz Y., Köpke K., Krajter S., Koç M., Lehtijärvi H.T.D., Lehtijärvi A., Luchi N., Maire F., Matošević D., Matsiakh I., McCarthy N., Mocreac N., Morales-Rodriguez C., Oskay F., Papazova I., Paletto A., Paraschiv M., Pavlović L., Romeralo C., Samson R., Santini A., Sellami D., Silva A.C., Sotirovski K., Soulioti N., Stein F., Terhonen E.L., Topalidou E., Vannini A., Vettraino A.M., Vuletić D., Weiss M., Woodward S., Zlatković M., Witzell J., Jactel H. 2025. Synthesizing research and scanning horizons for urban tree health. *Biosecurity and Surveillance for Quarantine Pests of Trees in Forests and Cities, Joint Meeting of COST Action “Urban Tree Guard” (CA20132) and European and Mediterranean Plant Protection Organization, September 8-10, Carcavelos, Portugal*. <https://ub3guard.eu/news/registration-and-abstract-submission-now-open-joint-conference-cost-action-urban-tree-guard-ca20132-and-eppo>. Book of Abstracts: 30. https://ub3guard.eu/storage/app/media/uploaded-files/Book%20of%20Abstracts_Sept%205th.pdf
5. Čepukoit D., Jaseliūnaitė S., **Burokienė D.** 2025. Two targets at one shot – entomopathogens against insect pests and plant pathogens. *Biosecurity and Surveillance for Quarantine Pests of Trees in Forests and Cities, Joint Meeting of COST Action “Urban Tree Guard” (CA20132) and European and Mediterranean Plant Protection Organization, September 8-10, Carcavelos, Portugal*. <https://ub3guard.eu/news/registration-and-abstract-submission-now-open-joint-conference-cost-action-urban-tree-guard-ca20132-and-eppo>. Book of Abstracts: 43. https://ub3guard.eu/storage/app/media/uploaded-files/Book%20of%20Abstracts_Sept%205th.pdf
6. Čepukoit D., Koreivienė J., **Burokienė D.** 2025. Cyanobacterial bioextracts as biocontrol agents against plant pathogens. *14th Conference of the European Foundation for Plant Pathology. June 2-5, Uppsala, Sweden*. <https://www.efpp2025.com/>. <https://www.efpp2025.com/wp-content/uploads/sites/42/2025/05/Detailed-programme.pdf>
7. **Burokienė D.**, Koreivienė J., Čepukoit D. 2025. Evaluation of *Microcystis aeruginosa* biomass extracts against plant pathogens. *13th International Conference on cyanobacteria (ICTC13). May 4–8, Chania, Crete, Greece*. Book of Abstracts: 212 <https://cyanometa.project.uj.edu.pl/>

- documents/154136743/158963227/ICTC13_abstract+book/3d3ab02e-2141-4fe0-b2e9-34b117f46e88
8. **Burokienė D.**, Čepukoit D., Koreivienė J., Sokė I., Jaseliūnaitė S. 2025. Biocontrol of phytopathogenic fungi using wild cyanobacteria biomass. *17th European Conference on Fungal Genetics. March 2-5, Dublin, Ireland.* <https://ecfg17.org/>; Book of Abstracts: 216, https://ecfg17.org/wp-content/uploads/2025/03/ECFG17-Book-of-abstracts_WEB.pdf
 9. Čepukoit D., Sokė I., Jaseliūnaitė S., **Burokienė D.** 2025. A study of population genetics in fungi of the genus *Diaporthe*. *17th European Conference on Fungal Genetics. March 2-5, Dublin, Ireland.* <https://ecfg17.org/>; Book of Abstracts: 264, https://ecfg17.org/wp-content/uploads/2025/03/ECFG17-Book-of-abstracts_WEB.pdf
 10. Franic I., Allan E., Prospero S., Adamson K., Attorre F., Auger-Rozenberg M.A., Augustin S., Avtzis D., Baert W., Barta M., Bauters K., Bellahirech A., Boron P., Braganca H., Brestovanska T., Brurberg M.B., Burgess T., **Burokienė D.**, Cleary M., Corley J., Coyle D.R., Csoka G., Cerny K., Davydenko K., de Groot M., Diez J.J., Lehtijarvi H.T.D., Drenkhan R., Edwards J., Elsafy M., Eotvos C.B., Falko R., Fan J.T., Feddern N., Furjes-Miko A., Gossner M.M., Grad B., Hartmann M., Havrdova L., Horakova M.K., Hrabetova M., Justesen M.J., Kacprzyk M., Kenis M., Kirichenko N., Kovac M., Kramarets V., Lackovic N., Lantschner M.V., Lazarevic J., Leskiv M., Li H.M., Madsen C.L., Malumphy C., Matosevic D., Matsiakh I., May T.W., Meffert J., Migliorini D., Nikolov C., O'Hanlon R., Oskay F., Paap T., Parpan T., Piskur B., Ravn H.P., Richard J., Ronse A., Roques A., Ruffner B., Sivickis K., Soliani C., Talgo V., Tomoshevich M., Uimari A., Ulyshen M., Vettraino A.M., Villari C., Wang Y.J., Witzell J., Zlatkovic M., Eschen R. 2024. Climate, host and geography are of similar importance in shaping insect and fungal communities of trees on a global scale. *The XXVI World Congress of the International Union of Forest Research Organizations (IUFRO). 23-29 June, Stockholm, Sweden.* Book of Abstracts: 702–704, <https://iufro2024.com/wp-content/uploads/iufro2024abstracts.pdf>
 11. Čepukoit D., **Burokienė D.** 2024. Distribution of *Diaporthe* species in native and invasive woody *Fabaceae* plants in Lithuania. *The XXVI World Congress of the International Union of Forest Research Organizations (IUFRO). June 23-29, Stockholm, Sweden.* Book of Abstracts: 208, <https://iufro2024.com/wp-content/uploads/iufro2024abstracts.pdf>
 12. **Burokienė D.** 2024. The work of the Plant Pathology Laboratory at the Nature Research Centre towards COST Action “Root-Benefit” objectives. *The 1st Annual Meeting of the COST Action CA22142 (Root-Benefit), April 23–24, Riga, Latvia.* <https://www.root-benefit.eu/1st-annual-meeting-of-root-benefit/>
 13. Šuikaitė I., Karosienė J., Savadova-Ratkus K., **Burokienė D.**, Čepukoit D., Koreivienė J. 2023. Ecology and phylogeny of alien *Raphidiopsis raciborskii*, *Chrysosporium bergii*, *Sphaerospermopsis aphanizomenoides* and *Cuspidothrix issatschenkoi* from three hypertrophic Lithuanian lakes. *8th European Phycological Congress, August 20–26, Brest, France.* <https://doi.org/10.1080/09670262.2024.2317016>
 14. **Burokienė D.**, Mizerienė G., Čepukoit D. 2023. Monitoring of invasive pathogens in forest ecosystems. *International scientific conference „Current issues in Biotechnology, Ecology and Nature Management“, April 27-28. Kharkiv, Ukraine.* Online Conference: <https://biotechuniv.edu.ua/wp-content/uploads/2023/04/zaprosh-conf-27-28-04-23-en.pdf>.
 15. Mizerienė G., Čepukoit D., **Burokienė D.** 2023. Laboratory of Plant Pathology: joys and sorrows. *NEFOM network meeting/workshop „eDNA data analysis and publishing“. Tartu, Estonia. January 17-19.* <https://unite.ut.ee/courses.php?id=3>
 16. Čepukoit D., **Burokienė D.** 2022. Survey of pathogenic microorganisms on woody *Fabaceae* plants in Lithuania. – *IUFRO Conference Division 7 „Forest Health Pathology and Entomology“, September 6–9, Lisbon, Portugal.* Book of Abstracts: 282. <https://www.iufro.org/fileadmin/material/publications/proceedings-archive/70000-all-div7-lisbon22.pdf>.

17. Petroševičius T., Matelis A., Čepukoit D., Jasiukaitytė-Grojzdek E., **Burokienė D.** 2022. „Qualitative assessment of ligninolytic enzymes of xylotrophic fungi *in vitro*”. *CA17128 LignoCOST Working Groups meeting (physical, optional online), August 24-25, Tallinn, Estonia.*
18. Jasiukaitytė-Grojzdek E., Pogorevc R., **Burokienė D.**, Sivickis K., Čepukoit D., Grilc M., Likozar B. 2022. Examination of fungal oxidases potential for lignin valorisation. *The International Symposium on Green Chemistry (ISGC 2022) „The world event in sustainable chemistry research & innovation”, May 16–20, La Rochelle, France.* https://isgc-symposium-2022.livescience.io/medias/isgc2022/abstract_submission/pdf/abstract-1179-9B8E9.pdf.
19. Čepukoit D., Kałużna M., **Burokienė D.** 2022. Screening of microorganisms for antagonistic activity against pathogenic bacteria *Xanthomonas* spp. *14th International Conference on Plant Pathogenic Bacteria (ICPPB) “The Impact of Plant Pathogenic Bacteria on Global Plant Health”, July 3–8, Assisi, Italy.* Book of Abstracts: 144.
20. Čepukoit D., **Burokienė D.** 2022. Molecular characterization of *Diaporthe* spp. isolates detected in *Fabaceae* plants. *1st Meeting of COST Action CA20132, Safeguarding European Urban Trees and Forests Through Improved Biosecurity, May 10–12, Denizli, Turkey.*
21. Bragard C., **Burokiene D.**, Chang C., Cohen S., Cunnac S., Le Saux M.F., Nagy I.K., Kölliker R., Lang J.M., Leach J.E., Luna E.K., Peduzzi C., Portier P., Sagia A., Ziegler J., Jacobs J.M., Koebnik R. 2021. Complete genome sequences of clade-1 xanthomonads reveal novel genetic traits in the genus *Xanthomonas*. *4th Annual Conference of the EuroXanth COST Action Integrating Science on Xanthomonadaceae for integrated plant disease management in Europe (EuroXanth 2021), June 28–30, Belgrade, Serbia.* Book of Abstracts: 33, https://euroxanth.eu/wp-content/uploads/2021/08/Book_of_Abstracts-4th_Annual_Conference.pdf.
22. Šalomskienė J., Čepukoit D., Mačionienė I., **Burokienė D.** 2021. Influence of natural antimicrobials on *Xanthomonas* strains growth. *4th Annual Conference of the EuroXanth COST Action, Integrating Science on Xanthomonadaceae for integrated plant disease management in Europe, June 28–30, Belgrade, Serbia.* Book of Abstracts: 85, https://euroxanth.eu/wp-content/uploads/2021/08/Book_of_Abstracts-4th_Annual_Conference.pdf.
23. Morales-Rodríguez C., Anslan S., Auger-Rozenberg M.-A., Augustin S., Baranchikov Yu., Bellahirech A., **Burokiene D.**, Cepukoit D., Çota E., Davydenko K., Doğmuş-Lehtijärvi H.T., Drenkhan R., Drenkhan T., Eschen R., Franić I., Glavendekić M., de Groot M., Kacprzyk M., Kenis M., Kirichenko N., Matsiakh I., Musolin D.L., Nowakowska J.A., O’Hanlon R., Prospero S., Roques A., Santini A., Talgø V., Tedersoo L., Uimari A., Vannini A., Witzell J., Woodward S., Zambounis A., Cleary M. 2020. Preventive detection of potentially invasive pests and pathogens in sentinel plantings. – In: *Dendrobiotic Invertebrates and Fungi and their Role in Forest Ecosystems. The Kataev Memorial Readings – XI. Proceedings of the All-Russia Conference with International Participation (ed. by D.L. Musolin, N.I. Kirichenko, A.V. Selikhovkin). St. Petersburg (Russia): St. Petersburg State Forest Technical University, 2020. P. 225–226 (in Russian) and 227–228 (in English) [DOI: 10.21266/SPBFTU.2020.KATAEV].*
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