Elena Servienė

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

1999 – 2002	Defended PhD thesis in Biomedical Sciences, Biology (01 B) (Vilnius University and Institute of Botany). The title of thesis: Impact of structure of yeast *Saccharomyces cerevisiae* recombinant DNA plasmids on the function of K2 preprotoxin killer gene, supervisor – dr. V. Melvydas. Research fields: gene engineering, yeast microbiology, investigation of killer yeast systems.
1987 – 1992	Vilnaus University, Master's degree (Diploma) in Biochemistry Title of thesis: "Prospecting of restriction - modification enzymes producers and investigation of enzymes." Institute of Botany, Laboratory of Genetics, Vilnius, Lithuania. Research fields: microbiology and gene engineering, purification and analysis of restriction-modification enzymes.

PROFESSIONAL EXPERIENCE

2015 - until now	***Head of the Laboratory of Genetics, Chief Researcher*** Nature Research Centre, Vilnius, Lithuania
2014 - 2015	***Head of the Laboratory of Genetics, Senior Researcher*** Nature Research Centre, Vilnius, Lithuania
2010 – 2014	***Senior Research Scientist***, Nature Research Centre, Vilnius, Lithuania
2006 – 2009	***Senior Research Scientist***, Institute of Botany, Vilnius, Lithuania
2005 – 2006	***Research Fellow***, Institute of Botany, Vilnius, Lithuania
2003 - 2005	***Postdoctoral scholar***, University of Kentucky, Lexington, USA
2002 - 2003	***Research Fellow,*** Institute of Botany, Vilnius, Lithuania

1999 – 2002 ***Doctoral student***,
Institute of Botany, Vilnius, Lithuania

1996 – 1999 ***Research Assistant***,
Institute of Botany, Vilnius, Lithuania

1992 - 1996 ***Research Assistant***,
Paediatric centre, Vilnius University, Vilnius, Lithuania

RESEARCH INTERESTS

The diversity and distribution of microorganisms, viruses, intracellular parasites, etc in natural and industrial ecosystems; the structure and assembly mechanisms of microbial communities; yeast viruses and their structural-functional analysis; functioning mechanisms of biocontrol yeasts; the studies of microbiosystems by applying -omics technologies; metagenomic, genomic and transcriptomic analysis; killing and resistance formation mechanisms; host-pathogen interaction; antimicrobials and their application; nanotechnology and investigation of functionalized nanomaterials; gene engineering, expression and regulation

PUBLICATIONS

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

1. Lukša, J.; Celitan, E.; **Servienė, E.;** Serva, S. 2022. Association of ScV-LA Virus with Host Protein Metabolism Determined by Proteomics Analysis and Cognate RNA Sequencing. Viruses, 14, 2345. https://doi.org/10.3390/v14112345. **Q2**
2. Aleknavičius, D.; Lukša, J.; Strazdaitė-Žielienė, Ž.; **Servienė, E**. 2022. The Bacterial Microbiota of Edible Insects *Acheta domesticus* and *Gryllus assimilis* Revealed by High Content Analysis. *Foods*, 11, 1073. https://doi.org/10.3390/foods11081073. **Q1**
3. Strazdaitė-Žielienė, Ž.**;** Baranauskaitė, A.; Butkauskas, D.; **Servienė, E**.; Prakas, P. 2022. Molecular identification of parasitic protozoa Sarcocystis in water samples. *Veterinary sciences,* 9 (8): 1-13. DOI: 10.3390/vetsci9080412. **Q1**
4. Saura, A.; Zakharova, A.; Klocek, D.; Gerasimov, ES.; Butenko, A.; Macedo, DH.; **Serviene, E**., Zagirova, D.; Meshceryakova, A.; Rogozin, IB.; Serva, S.; Yu, A.; Yurchenko, V. 2022. Elimination of LRVs elicits different responses in *Leishmania* spp. MSphere, 7, 4: 10.1128/msphere.00335-22. **Q2**
5. Ravoitytė, B.; Lukša, J.; Wellinger, R.E.; Serva, S.; **Servienė, E**. 2022. Adaptive Response of Saccharomyces Hosts to *Totiviridae* L-A dsRNA Viruses Is Achieved through Intrinsically Balanced Action of Targeted Transcription Factors. *J. Fungi*, 8, 381. https://doi.org/10.3390/jof8040381. **Q1**
6. Mozuraitis, R.; Apšegaitė, V.; Radžiutė, S.; Aleknavičius, D.; Budienė, J.; Stanevičienė, R.; Blažytė-Čereškienė, L.; **Servienė, E**.; Buda, V. 2022. Volatiles Produced by Yeasts - Related to Prunus avium and P. cerasus Fruits and Their Potentials to Modulate the Behaviour of the Pest Rhagoletis cerasi Fruit Flies. *J. Fungi*, 8, 95. **Q1**
7. Skrodenytė-Arbačiauskienė V., Virbickas T, Lukša J., **Servienė E**., Blažytė-Čereškienė L., Kesminas V. 2022. Gut Microbiome of Wild Baltic Salmon (*Salmo salar* L.) Parr. *Microbial Ecology*, 84, 1294-1298. 10.1007/s00248-021-01910-9. **Q1**
8. Vepštaitė-Monstavičė I., Lukša J., **Servienė E.** 2021. Interaction of host factors in response to yeast K2 toxin stress – attractiveness for plant protection. *Zemdirbyste-Agriculture*. 108 (4): 313-320. **Q3**

9. Stanevičienė R., Lukša J., Strazdaitė-Žielienė Ž., Ravoitytė B., Losinska-Sičiūnienė R., Mozūraitis R., **Servienė E.** 2021. Mycobiota in the carposphere of sour and sweet cherries and antagonistic features of potential biocontrol yeasts. *Microorganisms*. 9, 1423: 1-15. **Q2**
10. Gruškienė R., Kavleiskaja T., Stanevičienė R., Kikionis S., Ioannou E., **Servienė E.**, Roussis V., Sereikaite J. 2021. Nisin-Loaded Ulvan Particles: Preparation and Characterization. *Foods.*10, 1007: 1-13. **Q1**
11. Aitmanaitė L., Konovalovas A., Medvedevas P., **Servienė E.**, Serva S. 2021. Specificity Determination in *Saccharomyces cerevisiae* Killer Virus Systems. *Microorganisms*. 9, 236. https://doi.org/10.3390/ microorganisms9020236 **Q2**
12. Novickij V., Stanevičienė R., Gruškienė R., Badokas K., Lukša J., Sereikaitė J., Mažeika K., Višniakov N., Novickij J., **Servienė E.** 2021. Inactivation of Bacteria Using Bioactive Nanoparticles and Alternating Magnetic Fields. *Nanomaterials*. 11, 342. https://doi.org/10.3390/ nano11020342. **Q1**
13. Ravoitytė B., Lukša J., Yurchenko, V., Serva, S., **Servienė, E**. 2020. *Saccharomyces paradoxu*s transcriptional alterations in cells of distinct phenotype and viral dsRNA content. *Microorganisms*. 8, 1902; doi:10.3390/microorganisms8121902. **Q2**
14. Prakas, P., Strazdaitė-Žielienė, Ž., Januškevičius V., Chiesa, V., Baranauskaitė, A., Rudaitytė-Lukošienė, E., **Servienė, E**., Petkevičius, S., Butkauskas, D. 2020. Molecular identification of four Sarcocystis species in cattle from Lithuania, icluding S. hominis, and development of a rapid molecular detection method. *Parasites & Vectors*. 13(1):610. doi: 10.1186/s13071-020-04473-9. **Q1**
15. Lukša J., **Servienė E**. 2020. White mulberry (*Morus alba* L.) fruit-associated bacterial and fungal microbiota. 2020. *Journal of Environmental Engineering and Landscape Management*. 28 (4): 183-191. doi:10.3846/jeelm.13735. **Q2**
16. Lukša J., Vepštaitė-Monstavičė I., Apšegaitė V., Blažytė-Čereškienė L., Stanevičienė R., Strazdaitė-Žielienė Ž., Ravoitytė B., Aleknavičius D., Būda V., Mozūraitis R., **Servienė E**. 2020. Fungal microbiota of sea buckthorn berries at two ripening stages and volatile profiling of potential biocontrol yeasts. *Microorganisms*. 8, 456: 1-18. doi:10.3390/microorganisms8030456. **Q2**
17. Rudaitytė-Lukošienė, E., Delgado de las Cuevas, G. E., Prakas, P., Calero-Bernal, R., Martínez-González, M., Strazdaitė-Žielienė, Ž., **Servienė, E**., Habela, M. A., Butkauskas, D. 2020. Sarcocystis spp. diversity in the roe deer (Capreolus capreolus) from Lithuania and Spain. *Parasitology Research*. doi:10.1007/s00436-020-06603-9. **Q2**
18. Novickij, V., Stanevičienė, R., Staigvila, G., Gruškienė, R., Sereikaitė, J., Girkontaitė, I., Novickij, J., **Servienė, E.** 2020. Effects of pulsed electric fields and mild thermal treatment on antimicrobial efficacy of nisin-loaded pectin nanoparticles for food preservation. *LWT-Food Science and technology*, 120: doi.org/10.1016/j.lwt.2019.108915. **Q1**
19. Rudaityte-Lukosiene E., Prakas P, Strazdaite-Zieliene Z., **Serviene E.**, Januškevičius V., Butkauskas D. 2020. Molecular identification of two *Sarcocystis* species in fallow deer (*Dama dama*) from Lithuania. *Parasitology International*, 75:102044. doi.org/10.1016/j.parint.2019.102044. **Q3**.
20. Mozūraitis R., Aleknavičius D., Vepštaitė-Monstavičė I., Stanevičienė R., Emamic S.N., Apšegaitė V., Radžiutė S., Blažytė-Čereškienė L., **Servienė E.**, Būda V. 2020. *Hippophae rhamnoides* berry related *Pichia kudriavzevii* yeast volatiles modify behaviour of *Rhagoletis batava* flies. *Journal of Advanced Research,* 21: 71-77. doi.org/10.1016/j.jare.2019.08.001. **Q1**
21. De Las Cuevas GED, Prakas P., Strazdaitė-Žielienė Ž., Martinez-Gonzalez M., Rudaitytė-Lukošienė E., Butkauskas D., **Servienė E.**, Habela MA, Calero-Bernal R. 2019. *Sarcocystis morae* (Apicomplexa) in Fallow Deer (*Dama dama*) from Spain: Ultrastructure and new host record. *Journal of Parasitology*, 105(5): 813-815. **Q3**
22. Novickij, V., Zinkevičienė, A., Stanevičienė, R., Gruškienė, R., **Servienė, E.**, Vepštaitė-Monstavičė, I., Krivorotova, T., Lastauskienė, E., Sereikaitė, J., Novickij, J. 2018.

Inactivation of *Escherichia coli* using nanosecond electric field and nisin nanoparticles: a kinetic study. *Frontiers in Microbiology* 9: 3006. doi: 10.3389/fmicb.2018.03006. **Q1**

23. Vepštaitė-Monstavičė, I., Lukša, J., Konovalovas, A., Ežerskytė, D., Stanevičienė, R., Strazdaitė-Žielienė, Ž., Serva, S., **Servienė, E**. 2018. *Saccharomyces paradoxus* K66 killer system evidences expanded assortment of helper and satellite viruses. *Viruses,* 16 (10), pii:E564. **Q2**
24. Lukša, J., Vepštaitė-Monstavičė, I., Yurchenko, V., Serva, S., **Servienė, E**. 2018. High content analysis of sea buckthorn, black chokeberry, red and white currants microbiota – A pilot study. *Food Research International,* 111: 597-606. **Q1**
25. Gruskiene, R., Krivorotova, T., Staneviciene, R., Ratautas, D., **Serviene, E.,** Sereikaite, J. 2018. Preparation and characterization of iron oxide magnetic nanoparticles functionalized by nisin. *Colloids Surf B Biointerfaces,* 169: 126-134. **Q1**
26. Prakas, P., Strazdaitė-Žielienė, Ž., Rudaitytė-Lukošienė, **Servienė, E**., Butkauskas, D. 2018. Molecular identification of *Sarcocystis lutrae* (Apicomplexa: Sarcocystidae) in muscles of five species of the family Mustelidae. *Parasitology Research,* 117 (6): 1989-1993. **Q2**
27. Rudaitytė-Lukošienė, E., Prakas, P., Butkauskas, D., Kutkienė, L., Vepštaitė-Monstavičė, I., **Servienė, E**. 2018. Morphological and molecular identification of Sarcocystis spp. from the sika deer (Cervus nippon), including two new species *Sarcocystis frondea* and *Sarcocystis nipponi*. *Parasitology Research,* 117(5): 1305-1315. **Q2**
28. Novickij, V., Stanevičienė, R., Vepštaitė-Monstavičė, I., Gruškienė, R., Krivorotova, T., Sereikaitė, J., Novickij, J., **Servienė, E.** 2018. Overcoming antimicrobial resistance in bacteria using bioactive magnetic nanoparticles and pulsed electromagnetic fields. *Frontiers in Microbiology* 8: 2678. doi: 10.3389/fmicb.2017.02678. **Q1**
29. Mikalkėnas, A., Ravoitytė, B., Tauraitė, D., **Servienė, E.,** Meškys, R., Serva S. 2018. Conjugation of phosphonoacetic acid to nucleobase promotes a mechanism-based inhibition. *Journal of Enzyme Inhibition and Medicinal Chemistry,* 33: 384-389. **Q1**
30. Vepštaitė-Monstavičė, I., Lukša, J., Stanevičienė, R., Strazdaitė-Žielienė, Ž., Yurchenko, V., Serva, S., **Servienė, E**. 2018. Distribution of apple and blackcurrant microbiota in Lithuania and the Czech Republic. *Microbiological Research*, 206: 1-8. **Q2**
31. Lukša, J., Ravoitytė, B., Konovalovas, A., Aitmanaitė, L., Butenko, A., Yurchenko, V., Serva, S., **Servienė, E**. 2017. Different metabolic pathways are involved in response of *Saccharomyces cerevisiae* to L-A and M viruses. *Toxins,* 9 (233): 1-17. **Q1**
32. Krivorotova T., Staneviciene R., Luksa J., **Serviene E.,** Sereikaite J**.** 2017. Impact of pectin esterification on the antimicrobial activity of nisin-loaded pectin particles. *Biotechnology Progress*, 33: 245-251. **Q2**
33. Krivorotova T., Staneviciene R., Luksa J., **Serviene E**., Sereikaite J. 2016. Preparation and characterization of nisin-loaded pectin-inulin particles as antimicrobials. *LWT-Food Science and technology*, 72: 518-524. **Q1**
34. Novickij V., Stanevičienė R., Grainys A., Lukša J., Badokas K., Krivorotova T., Sereikaitė J., Novickij J., **Servienė E**. 2016. Electroporation-assisted inactivation of *Escherichia coli* using nisin-loaded pectin nanoparticles. *Innovative food science & emerging technologies,* 38, Part A: 98-104. **Q1**
35. Krivorotova T., Cirkovas A., Maciulyte S., Staneviciene R., Budriene S., **Serviene E**., Sereikaite J. 2016. Nisin-loaded pectin nanoparticles for food preservation. *Food Hydrocolloids,* 54: 49-56. **Q1**
36. Gylienė O., **Servienė E.,** Vepštaitė I., Binkienė R., Baranauskas M., Lukša J. 2015**.** Correlation between the sorption of dissolved oxygen onto chitosan and its antimicrobial activity against *Esherichia coli*. *Carbohydrate Polymers.* 131: 218-223. **Q1**
37. Lukša, J., Podoliankaitė, M., Vepštaitė, I., Strazdaitė-Žielienė, Ž., Urbonavičius, J., **Servienė, E.** 2015**.** Yeast β-1,6-glucan is a primary target for the *Saccharomyces cerevisiae* K2 toxin. *Eukaryot Cell.* 14:406-414. **Q2**
38. Snopok, B., Naumenko, D., **Serviene, E**., Bruzaite, I., Stogrin, A., Kulys, J., Snitka, V.

2014. Evanescent-field-induced Raman scattering for bio-friendly fingerprinting at sub-cellular dimension. *Talanta.* 128:414-421. **Q1**

39. Podoliankaitė, M., Lukša, J., Vyšniauskis, G., Sereikaitė, J., Melvydas, V., Serva, S., **Servienė, E.** 2014. High-Yield Expression in Escherichia coli, Purification and Application of Budding Yeast K2 Killer Protein. *Mol Biotechnol*. 56: 644-652. **Q2**
40. Naumenko, D., Snitka, V., **Serviene, E.**, Bruzaite, I., Snopok, B. 2013**.** *In vivo* characterization of protein uptake by yeast cell envelope: single cell AFM imaging and μ-tip-enhanced Raman scattering study. *Analyst.* 138(18): 5371-83. **Q1**
41. **Serviene, E.**, Luksa, J., Orentaite, I., Lafontaine, D., Urbonavicius, J. 2012. Screening the Budding Yeast Genome Reveals Unique Factors Affecting K2 Toxin Susceptibility. *PLoS ONE*. 7(12): e50779. doi:10.1371/journal.pone.0050779. **Q1**
42. Jiang, Y., Cheng, CP., **Serviene, E.**, Shapka, N., Nagy, PD. 2010. Repair of lost 5‘-terminal sequences in tombusviruses: Rapid recover of promoter – and enhancer – like sequences in recombinant RNAs. *Virology*. 404 (1): 96-105. **Q2**
43. Cheng, CP., Jaag, HM., Jonczyk, M., **Serviene, E.,** Nagy, PD. 2007. Expression of the Arabidopsis Xrn4p 5'-3' exoribonuclease facilitates degradation of tombusvirus RNA and promotes rapid emergence of viral variants in plants. *Virology*. 368(2): 238-248. **Q2**
44. Jiang, Y., **Serviene, E.**, Gal, J., Panavas, T., Nagy, PD. 2006. Identification of essential host factors affecting tombusvirus RNA replication based on the yeast Tet promoters Hughes Collection. *J Virology*. 80 (15): 7394-404**. Q1**
45. Cheng, CP., **Serviene, E**., Nagy, PD. 2006. Suppression of viral RNA recombination by a host exoribonuclease. *J Virology*. 80 (6): 2631-40. **Q1**
46. **Serviene, E**., Jiang, Y., Cheng, CP., Baker, J., Nagy, PD. 2006. Screening of the yeast yTHC collection identifies essential host factors affecting tombusvirus RNA recombination. *J Virology*. 80 (3): 1231-41**. Q1**
47. **Serviene, E.,** Shapka, N., Cheng, C., Panavas, T., Phuangrat, B., Baker, J., Nagy, PD. 2005. Genome-wide screen identifies host genes affecting viral RNA recombination. *Proc. Natl. Acad. Sci. USA*. 102 (30): 10545–10550**. Q1**
48. Panavas, T., **Serviene, E**., Brasher, J., Nagy, PD. 2005**.** Yeast genome-wide screen reveals dissimilar sets of host genes affecting replication of RNA viruses. *Proc. Natl. Acad. Sci. USA*. 102 (20): 7326–7331. **Q1**

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (without citation index):

1. Konovalovas A., **Servienė E**., Serva S. 2016. Genome sequence of *Saccharomyces cerevisiae* double-stranded RNA virus L-A-28. *Microbiology Research Announcements*. 4(3): e00549-16.

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

1. Pogany, J., Panavas, T., **Serviene, E.**, Nawaz-Ul-Rehman, MS., Nagy, PD. 2010. A high-throughput approach for studying virus replication in yeast. *Current Protocols in Microbiology,* John Wiley, N. Y., Chapter 16: J.1 – J.16.
2. Panavas, T.**, Serviene, E.,** Pogany, J., Nagy, PD. 2008. Genome-wide screens for identification of host factors in viral replication. *Methods in Molecular Biology.* Humana Press, Clifton, N. J., 451: 615-624.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2021 - 2022 **NRC project coordinator -** EU structural funds project "Nanosilver enhanced graphene oxide ink" (EUREKA), Nr**.** 01.2.2-MITA-K-702-12-0002.

2021 - 2022 **Project leader -** R&D project funded by Agency for Science, Innovation and Technology „Ultraviolet light disinfection of salmonella-infected chicken products".

2019 – 2023 **Member of management committee -** European Cooperation in Science and Technology (COST) project, CA18113 action "Understanding and exploiting the impact of low pH on microorganisms".

2021 **NRC project coordinator -** European Union and Research Council of Lithuania, Short-term research in health and education project „System for virus spread control and extreme situation management during COVID-19 epidemics", Nr. S-DNR-20-2.

2020 – 2022 **Project leader -** European Union and Research Council of Lithuania project for Development of Scientific Competences of Scientists, other Researchers and Students through Practical Research Activities "Cricket cultivars for novel food: safety evaluation based on microbiota's analysis" (09.3.3-LMT-K-712-19-0021).

2020 – 2021 **Project leader -** European Union and Research Council of Lithuania project for Development of Scientific Competences of Scientists, other Researchers and Students through Practical Research Activities "Screening of killer yeasts in water ecosystems and profiling of their antibacterial activity" (09.3.3-LMT-K-712-22-0108)

2019 – 2020 **Project leader -** European Union and Research Council of Lithuania project for Development of Scientific Competences of Scientists, other Researchers and Students through Practical Research Activities "Yeast diversity and prevalence in Lithuanian freshwater" (09.3.3-LMT-K-712-16-0096).

2018 – 2021 **Project participant** - European Union and Research Council of Lithuania project, Implementing World-class R&D Projects**,** „The role of metabolites in three-trophic interactions between plant, microorganisms and phytophagous insects", registr. Nr. DOTSUT-12 (09.3.3-LMT-K-712-01-0099).

2015 – 2018 **Project leader -** National scientific research program „Sustainability of agro-, forest and water ecosystems" project "Agroecosystems microbiota under climate change: structure and concordance mechanisms", Nr. SIT-7/2015.

2014 – 2016 **NRC project coordinator -** Research Council of Lithuania Project „Universal antiviral compounds: design, selection and mechanism of the action", Nr. MIP-035/2014.

2014 – 2015 **NRC project coordinator -** National scientific research program „Healthy and safe food" Project „Investigation of encapsulation of bacteriocins as preservatives", Nr. SVE-03/2014.

2013 – 2015 **Project leader -** Research Council of Lithuania project „Interplay between killing and resistance in *Saccharomyces cerevisiae* K2 killer system“, Nr. MIP-42/2013.

2012 – 2014 **Project participant** - 7th Framework Programme for Research, project FP7-SME-2012-315087- ChitoClean “Enhanced chitin-based biosorbents for drinking water purification“.

2011 – 2012 **Project leader -** Research Council of Lithuania project „Genome-wide screening for *S. cerevisiae* genes modulating sensitivity for K2 toxin“, Nr. MIP-061/2011.

2010 - 2011 **Project participant** - National scientific research program “Ecosystems in Lithuania – climate change and human impact” project “Alien *Gonyostomum* – biological peculiarities, genetic diversity and adaptation in new areas”, Nr. LEK-10014.

INTERNSHIP AND TRAINING

2015 07 Training in metagenomic and transcriptomic analysis (Life Sciences Center, Ostrava University, Czech Republic)

2011 Robot-aided analysis of *Saccharomyces cerevisiae* deletion mutant’s library (Center for Microscopy and Molecular Imaging, Universite Libre de Bruxelles, Gosselies, Belgium)

2010 Application of AFLP methods for studies of population genetics (Lund University, Sweden)

2003 - 2005 Application of yeast model systems for investigation of plant viruses (Department of Plant Pathology, University of Kentucky, USA)

PARTICIPATION IN INTERNATIONAL SCIENTIFIC CONFERENCES (2017-2022)

2022 Microbiology 2022 (Birštonas, Lithuania, April 28 -29).
2022 International conference of Lithuanian biochemical society “Biochemistry in the big data age” (Vilnius, Lithuania, September 30)
2022 International FEBS3+ conference (Tallinn, Estonia, June 15-17).
2022 The Coins 2022 (Vilnius, Lithuania, February 28 - March 3).
2021 36th Annual Meeting of the International Society of Chemical Ecology (Stellenbosch, South Africa, September 5-10
2021 World microbe online forum (ASM & FEMS collaboration, June 20-24).
2021 The Coins 2021 (Vilnius, Lithuania, March 30).
2021 Open Readings (Vilnius, Lithuania, March 16-19).
2020 FEMS Online Conference on Microbiology (Belgrade, Serbia, October 28-31)
2020 The Coins 2020 (Vilnius, Lithuania, February 25-27).
2020 1st Open Meeting, EuroMicropH (Lisbon, Portugal, February 12-14).
2019 5th International Meeting on Apicomplexan Parasites in Farm Animals, (Berlin, Germany, September 2-4).
2019 The 29th International Meeting of Yeast Genetics and Molecular Biology (Goteborg, Sweden, August 18-22).
2019 8th Congress of European microbiologists (Glasgow, Scotland, July 7-11).

2019	The FEBS 3+ conference (Riga, Latvia, June 17-19)
2018	The EMBO Conference "Experimental approaches to evolution and ecology using yeast and other model systems" (Heidelberg, Germany, October 17-20).
2018	The 18th European Biotechnology Congress (Geneva, Switzerland, July 1-4).
2018	XVth International Conference of Lithuanian Biochemical Society (Druskininkai, Lithuania, June 26-29).
2017	The 28th International Meeting of Yeast Genetics and Molecular Biology (Praha, Czech Republic, September 5-12).
2017	7th Congress of European microbiologists (Valencia, Spain, July 9-13).

PARTICIPATION IN THE STUDY PROCESS

Supervision of PhD students:

Area of Natural sciences (N000), field of Biology (N010)		
Ramunė Stanevičienė	The title of thesis: „The impact of biocidal systems on the functioning of the microbiota components “	2019-10-01 – 2023-09-30
Area of Biomedical sciences (N000), field of Biology (01B)		
Juliana Lukša	The title of thesis: „*Saccharomyces cerevisiae* K2 killer system: interplay between killing and resistance“	2012-10-01 – 2016-09-30
Area of Natural sciences (N000), field of Biology (N010)		
Bazilė Ravoitytė	The title of thesis: „Investigation of the functioning of dsRNA viruses in *Saccharomyces* genus yeasts“	2016-10-01 – 2020-09-30
Area of Natural sciences (N000), field of Biology (N010)		
Iglė Vepštaitė-Monstavičė	The title of thesis: „The structure of fruit mycobiota and functioning mechanisms of its components killer systems of *Saccharomyces* genus yeasts“	2015-10-01 – 2021-09-30

Scientific consultant:

Area of Biomedical sciences (B000), field of Ecology and Environmental Sciences (03B)		
Irma Orentaitė	The title of thesis: „Investigation of the influence of yeast *Saccharomyces cerevisiae* killer toxin K2 on the environmental microorganisms“	2012-10-01 – 2016-09-30

Chairman or member of dissertation defence committee:

2022	Aliona Avižinienė
2021	Marina Sidorenko
2020	Raimonda Petkauskaitė
2019	Mikas Ilgūnas, Dovilė Stravinskienė, Ksenija Savadova-Ratkus
2018	Agota Aučynaitė, Milda Norkienė
2017	Symantas Ragauskas, Raminta Pranckutė, Vaida Simanavičienė
2016	Gediminas Alzbutas, Renata Gudiukaitė
2014	Irma Vitonytė, Algirdas Ivanauskas
2013	Živilė Strazdaitė-Žielienė, Rūta Ivanec-Goranina, Justas Povilonis, Lina Baranauskienė
2012	Laimonas Karvelis, Rūta Stanislauskienė
2011	Indrė-Kučinskaitė Kodzė, Birutė Pudžiuvytė
2010	Eglė Strainienė

Supervision of bachelor and master students:

Vilnius University: Masters in Biochemistry (2), Genetics (1), Microbiology (1); Bachelors in Biochemistry (2), Genetics (1) and Molecular Biology (3).
Vilnius Gediminas Technical University: Bachelor (25) and Masters (7) in Bioengineering and Nanobiotechnology.

OTHER

Fellowships:

2018 Travel Fellowship granted by Lithuanian Research Council
2014 Travel Fellowship granted by Lithuanian Research Council
2011 The Fellowship granted by European Molecular Biology Organization (EMBO)
2005 Travel Fellowship granted by the American Society for Virology
2004 Travel Fellowship granted by the American Society for Virology
2002 Doctoral fellowship from Lithuanian State Science and Education Fund
2001 Fellowship granted by the European Commission
2001 FEBS Young Scientist Travel Fellowship
2001 Fellowship from Lithuanian State Science and Education Fund

Invited reviewer:

Welcome Trust; Sciex; Research Council of Lithuania; Agency for Science, Innovation and Technology.
Editor of Special Issue „Recent advances in the yeast killer systems research“, Microorganisms.
Ad hoc reviewer of manuscripts to international journals (Yeast, Mycoscience, Food Control, Food Research International, Applied and Environmental Microbiology, Frontiers in Microbiology, Zemdirbyste-Agriculture, Food Biosciences, Current Opinion in Food Sciences)