Gražina Stanevičiūtė

CONTACT INFORMATION

Address	Akademijos Str. 2, Vilnius LT-08412, Lithuania
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	https://www.researchgate.net/profile/Grazina-Staneviciute
	https://scholar.google.com/citations?hl=lt&user=SHrZO_MAAAAJ

EDUCATION AND ACADEMIC DEGREE

1994	Doctor degree in Zoology N 014, Vilnius University/Institute of Ecology, Vilnius, Lithuania. Dissertation topic „Karyological investigations of trematodes of the order Strigeiformes La Rue, 1926“, supervisor – habil.dr J. Baršienė. Research field: karyology and phylogeny of parasitic helminths.
1978-1983	Diploma of biologist, lecturer of biology and chemistry, Vilnius University, Faculty of Natural Sciences. Diploma work „Seasonal dynamics of biochemical indices of sturgeon and perch populations in the Curonian Lagoon and Aistmarės lagoon“

PROFESSIONAL EXPERIENCE

2010 – until now	**Senior Researcher** P. B. Šivickis Laboratory of Parasitology, Institute of Ecology, Nature Research Centre, Lithuania.
2003 – 2009	**Senior Researcher** Institute of Ecology of Vilnius University
1994 – 2003	**Researcher** Institute of Ecology, Lithuanian Academy of Sciences, Vilnius, Lithuania
1990 – 1991	**Junior researcher** Institute of Ecology, Lithuanian Academy of Sciences, Lithuania
1985 – 1989	**Junior researcher** Institute of Zoology and Parasitology, Lithuanian Academy of Sciences
1983 – 1984	**Teacher of biology** 22nd secondary school of Kaunas

RESEARCH INTERESTS

Phylogenetic interrelationships of the Platyhelminthes, combined cytogenetic and molecular phylogenetics, cytogenetic of molluscs - intermediate hosts of Trematoda and the role of snails in the transmitting flukes in the ecosystems.

PUBLICATIONS

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

1. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė, G. 2022.** Diversity of European lissorchiid trematodes from fish and snail hosts with comments on the validity of the genus *Parasymphylodora* Szidat, 1943. *Journal of Helminthology* 96: e67. DOI:

10.1017/S0022149X22000542

2. Petkevičiūtė, R., Zhokhov, A.E., Stunžėnas, V., Poddubnaya, L.G., **Stanevičiūtė, G**. 2020. *Phyllodistomum kupermani* n. sp. from the European perch, *Perca fluviatilis* L. (Perciformes: Percidae), and redescription of *Phyllodistomum macrocotyle* (Lühe, 1909) with notes on the species diversity and host specificity in the European *Phyllodistomum* spp. (Trematoda: Gorgoderidae). *Parasites & Vectors* 13: 561. DOI: 10.1186/s13071-020-04434-2
3. Petkevičiūtė, R., **Stanevičiūtė, G.** Stunžėnas, V. 2020. Exploring species diversity of lissorchiid trematodes (Digenea: Lissorchiidae) associated with the gravel snail, *Lithoglyphus naticoides*, in European freshwaters. *Journal of Helminthology* e152. DOI: 10.1017/S0022149X2000036X
4. Petkevičiūtė, R., Stunžėnas, V., Zhokhov, A.E., Poddubnaya, L.G., **Stanevičiūtė, G**. 2018. Diversity and phylogenetic relationships of European species of *Crepidostomum* Braun, 1900 (Trematoda: Allocreadiidae) based on rDNA, with special reference to *Crepidostomum oschmarini* Zhokhov & Pugacheva, 1998. *Parasites & Vectors* 11: 530. DOI: 10.1186/s13071-018-3095-y
5. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė, G.** 2018. Comments on species divergence in the genus *Sphaerium* (Bivalvia) and phylogenetic affinities of *Sphaerium nucleus* and *S. corneum* var. *mamillanum* based on karyotypes and sequences of 16S and ITS1 rDNA. *PLoS ONE* 13(1): e0191427. DOI: 10.1371/journal.pone.0191427
6. Stunžėnas, V., Petkevičiūtė, R., Poddubnaya, L.G., **Stanevičiūtė, G.,** Zhokhov, A.E. 2017. Host specificity, molecular phylogeny and morphological differences of *Phyllodistomum pseudofolium* Nybelin, 1926 and *Phyllodistomum angulatum* Linstow, 1907 (Trematoda: Gorgoderidae) with notes on Eurasian ruffe as final host for *Phyllodistomum* spp. *Parasites & Vectors* 10: 286. DOI: 10.1186/s13071-017-2210-9.
7. Petkevičiūtė, R., Kudlai, O., Stunžėnas, V., **Stanevičiūtė, G.** 2015. Molecular and karyological identification and morphological description of cystocercous cercariae of *Phyllodistomum umblae* and *Phyllodistomum folium* (Digenea, Gorgoderidae) developing in European sphaeriid bivalves. *Parasitology International* 64: 441–447. DOI: 10.1016/j.parint.2015.06.007.
8. **Stanevičiūtė, G.,** Stunžėnas, V., Petkevičiūtė, R. 2015. Phylogenetic relationships of some species of the family Echinostomatidae Odner, 1910 (Trematoda), inferred from nuclear rDNA sequences and karyological analysis. *Comparative Cytogenetics* 9(2): 257–270. DOI: 10.3897/CompCytogen.v9i2.4846
9. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė, G.,** Zhokhov, A.E. 2015. European *Phyllodistomum* (Digenea, Gorgoderidae) and phylogenetic affinities of *Cercaria duplicata* based on rDNA and karyotypes. *Zoologica Scripta* 44: 191–202. DOI: 10.1111/zsc.12080
10. Stunžėnas, V., Petkevičiūtė, R., **Stanevičiūtė, G.,** Binkienė, R. 2014. *Rhipidocotyle fennica* (Digenea: Bucephalidae) from *Anodonta anatina* and pike *Esox lucius* in Lithuania. *Parasitology Research* 113: 3881–3883. DOI: 10.1007/s00436-014-4102-7.
11. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė, G.** 2014. Differentiation of European freshwater bucephalids (Digenea: Bucephalidae) based on karyotypes and DNA sequences. *Systematic Parasitology* 87 (2): 199–212. DOI: 10.1007/s11230-013-9465-0
12. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė, G.** 2012. Clarification of the systematic position of *Cercariaeum crassum* Wesenberg-Lund, 1934 (Digenea), based on karyological analysis and DNA sequences. *Journal of Helminthology* 86: 293–301. DOI: 10.1017/S0022149X11000393
13. Stunžėnas, V., Petkevičiūtė, R., **Stanevičiūtė, G.** 2011. Phylogeny of *Sphaerium solidum* (Bivalvia) based on karyotype and sequences of 16S and ITS1 rDNA. *Central European Journal of Biology* 6(1): 105–117. DOI 10.2478/s11535-010-0101-6
14. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė, G.,** Sokolov, S.G. 2010. Comparison of the developmental stages of some European allocreadiid trematode species and a clarification of

their life-cycles based on ITS2 and 28S sequences. *Systematic Parasitology* 76: 169–178. DOI: 10.1007/s11230-010-9249-8.
15. Petkevičiūtė, R., **Stanevičiūtė, G.** 2008. Comparative karyological analysis of three members of Allocreadiidae (Digenea): taxonomic and phylogenetic implications. *Parasitology Research* 103: 1105–1110. DOI: 10.1007/s00436-008-1101-6
16. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė G.,** Lee, T., Ó Foighil, D. 2007. Pronounced karyological divergence of the North American congeners *Sphaerium rhomboideum* and *S. occidentale* (Bivalvia: Veneroida: Sphaeriidae). *Journal of Molluscan Studies* 73: 315–321. DOI: 10.1093/mollus/eym025
17. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė, G**. 2006. Polymorphism of the *Sphaerium corneum* (Bivalvia, Veneroida, Sphaeriidae) revealed by cytogenetic and sequence comparison. *Biological Journal of the Linnean Society* 89: 53–64. DOI: 10.1111/j.1095-8312.2006.00657.x
18. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė, G**. 2004. Cytogenetic and sequence comparison of adult *Phyllodistomum* (Digenea: Gorgoderidae) from the three-spined stickleback with larvae from two bivalves. *Parasitology* 129 (6): 771–778.
19. Petkevičiūtė, R., **Stanevičiūtė, G.,** Molloy, D.P. 2003. Chromosome analysis of *Phyllodistomum folium* (Trematoda, Gorgoderidae) infecting three European populations of zebra mussels. *Parasitology Research* 90: 377–382.
20. **Stanevičiūtė G**., Kiselienė V. 2001. Chromosome studies of *Ichthyocotylurus platycephalus* (Creplin, 1825) Odening 1969 with description of triploid variant and comparative karyology of genus *Ichthyocotylurus. Parasite* 8 (2): 137-145.

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

1. Petkevičiūtė, R., Stunžėnas, V., **Stanevičiūtė, G**. 2013. DNA based analysis of the life cycles of *Phyllodistomum* spp. (Digenea, Gorgoderidae): current status of knowledge and perspectives. *Tropical Medicine & International Health*. 18 (s1): 229.
2. **Stanevičiūtė, G.**, Stunžėnas, V., Petkevičiūtė, R. 2013. Studies of *Rhipidocotyle fennica* Gibson, Taskinen & Valtonen 1992 (Digenea: Bucephalidae), parasitising bivalvia *Anodonta anatina*, based on DNA sequences. *Tropical Medicine & International Health*. 18 (s1): 229.

Reviewed scientific articles, published in Lithuania:

1. **Stanevičiūtė, G.,** Petkevičiūtė, R., Kiselienė, V. 2008. Digenean parasites in population of prosobranch snail *Lithoglyphus naticoides* with morphological description of *Echinochasmus* sp. cercaria. *Ekologija* 54 (4): 251–255.
2. Stunžėnas V., **Stanevičiūtė G.** 2001. The effect of total RNA on splenocyte response to allogeneic cells. *Biologija* 1: 36-38.
3. Stunžėnas V., **Stanevičiūtė G.** 2000. How parasites change their environment – host immunity for survival in the host. New hypothesis. *Ekologija* 4: 32-40.
4. **Stanevičiūtė G.,** Petkevičiūtė R., Kiselienė V. 1998. Karyological analysis of two species of genus *Posthodiplostomum* Dubois, 1936 (Trematoda: Diplostomidae) with remarks on the karyological evolution of the Diplostomidae. *Acta Zoologica Lithuanica* 8 (1): 41-47.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2019-2024 **Investigator**
COST (European Cooperation in Science and Technology) CA18239,

„Conservation of freshwater mussels: a pan-European approach“ (Dvigeldžių gėlavandenių moliuskų apsauga Europoje)

2015 – 2018 **Principal Investigator**
Research Council of Lithuania. Contract MIP-043/2015. " Specificity of parasitic platyhelminthes and their speciation in relation to the host spectrum"

2013 – 2015 **Principal Investigator**
Research Council of Lithuania. Contract No. MIP-52/2013. “Studies on evolution of life-cycles and phylogeny of flukes based on molecular and karyological data”.

2012-2013 **Principal Investigator**
Ministry of Science and Education. Lithuanian – Ukrainian scientific cooperation programe. Contract No. TAP-LU-11-034. „Species diversity and host specificity of bucephalid flukes: life cycle analysis and phylogeny revealed by morphological, karyological and molecular methods”

2010-2011 **Principal Investigator**
Research Council of Lithuania. Contract No. MIP-84/2010. “Molecular identification and life cycles of flukes, parasites of bivalves and fish”.

2010-2011 **Project leader**
Research Council of Lithuania. Contract No. LEK-10/2010. “Studies of invasive freshwater mollusks and associated flukes communities using genetic markers”.

2005-2006 **Investigator**
US National Science Foundation New investigator’s Twinning Program, “Towards a comprehensive phylogeny of holarctic Sphaeriidae (Mollusca: Bivalvia): systematics, genome amplification and phylogeography

2001-2002 **Investigator**
US National Science Foundation New investigator’s Twinning Program, “Cytogenetics - a tool for species discrimination among trematode parasites of zebra mussels

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. 2017 - EUROMAL - 8th European Congress of Malacological Societies, Krakow, Poland.
2. 2015 - 6th Conference of the Scandinavian-Baltic Society for Parasitology, Uppsala, Sweden.
3. 2013 - 8th European Congress on Tropical Medicine and International Health & 5th Conference of the Scandinavian-Baltic Society for Parasitology, Copenhagen, Denmark
4. 2013 - XV International Conference of the Ukrainian Scientific Society of Parasitologists, Chernivtsi, Ukraine
5. 2011- 4th Conference of the Scandinavian-Baltic Society for Parasitology , Oslo, Norway
6. 2011 - 6th Congress of the European Malacological Societies, Vitoria-Gasteiz, Spain

PARTICIPATION IN THE STUDY PROCESS

Member of the dissertation defence council:

Scientific field: *Natural science* (N000). Ecology and environmental science (N 012)

Janina Pažusienė	Environmental genotoxicity and cytotoxicity studies in fish blood erythrocytes and genotoxicity risk assessment in the Gotland Basin of the Baltic Sea	2021.06.18
Milda Stankevičiūtė	Experimental studies of xenobiotics genotoxicity and cytotoxicity in fish erythrocytes	2018.10.01
Roberta Valskienė	Studies of environmental genotoxicity and cytotoxicity effects in different fish species inhabiting the southern baltic sea region	2018.10.01

Scientific field: *Natural science* (N000). (N000). Biology (N 010)

Asta Aleksandravičienė	Prevalence of pathogens in *Dermacentor* reticulatus ticks in different locations of distribution	2017.05.21