

Laura Butrimavičienė

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2006 – 2010 PhD, Biomedical Science (N 012) (Vilnius University, Nature Research Center)
Thesis Title – „Genotoxic and cytotoxic effects of contaminants discharged from the oil platforms in fish and mussels“

2002 – 2004 MS, Ecology and Environment Science (Vilnius University Faculty of Natural Sciences)
Thesis Title – „Genotoxic and cytotoxic effects of oil exposure in fish cells“

1998 – 2002 BS, Biology (Vilnius University Faculty of Natural Sciences)
Thesis Title – „Cyclic and acyclic chlorinated compounds as an additional substrate influence of microorganisms development“

PROFESSIONAL EXPERIENCE

2013 07 – until now **Senior Researcher**
(Laboratory of evolutionary ecology of hydrobionts, Nature Research Centre)

2011 03 – 2013 05 **Researcher**

2004 06 – 2006 10 **Junior Researcher**

RESEARCH INTERESTS

Cytogenetic, biochemical, and haematological biomarkers, analysis of biomarker responses in bioindicators, assessment of environmental pollution, determination of marine and freshwater ecosystems status, monitoring, evaluation of geno- and cytotoxic parameters in selected bioindicators under various stressors exposure *in situ* or under laboratory conditions.

PUBLICATIONS

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

1. Turja, R., Benito, D., Ahvo, A., Izagirre, U., Lekube, X., Stankevičiūtė, M., **Butrimavičienė, L.**, Soto, M., & Lehtonen, K. K. (2023). Biomarker responses in mussels (*Mytilus trossulus*) from the Baltic Sea exposed to water-accommodated fraction of crude oil

- and a dispersant at different salinities. *Marine pollution bulletin*, 192, 1-14. doi:10.1016/j.marpolbul.2023.115100
2. Pažusienė, J., Valskienė, R., Grygiel, W., Stankevičiūtė, M., **Butrimavičienė, L.** & Baršienė, J. (2021). Cytogenetic damage in native Baltic Sea fish species: environmental risks associated with chemical munition dumping in the Gotland Basin of the Baltic Sea. *Environmental science and pollution research*, 28(44), 62200-62215. doi:10.1007/s11356-021-14827-0
 3. **Butrimavičienė, L.**, Nalivaikienė, R., Kalcienė, V., & Rybakovas, A. (2021). Impact of copper and zinc mixture on haematological parameters of rainbow trout (*Oncorhynchus mykiss*): acute exposure and recovery. *Ecotoxicology*, 30(5), 873-884. doi:10.1007/s10646-021-02404-7
 4. Lastumäki, A., Turja, R., Brenner, M., Vanninen, P., Niemikoski, H., **Butrimavičienė, L.**, Stankevičiūtė, M., & Lehtonen, K. K. (2020). Biological effects of dumped chemical weapons in the Baltic Sea: A multi-biomarker study using caged mussels at the Bornholm main dumping site. *Marine environmental research*, vol. 161, 63-73. doi:10.1016/j.marenvres.2020.105036
 5. Turja, R., Sanni, S., Stankevičiūtė, M., **Butrimavičienė, L.**, Devier, M. H., Budzinski, H., & Lehtonen, K. K. (2020). Biomarker responses and accumulation of polycyclic aromatic hydrocarbons in *Mytilus trossulus* and *Gammarus oceanicus* during exposure to crude oil. *Environmental science and pollution research*, 27(13), 15498-15514. doi:10.1007/s11356-020-07946-7
 6. Valskienė, R., Baršienė, J., **Butrimavičienė, L.**, Pažusienė, J., Grygiel, W., Stankevičiūtė, M., & Rybakovas, A. (2019). Induction of nuclear abnormalities in herring (*Clupea harengus membras*), flounder (*Platichthys flesus*), and Atlantic cod (*Gadus morhua*) collected from the southern part of the Gotland Basin the Baltic Sea (2010-2017). *Environmental science and pollution research*, 26(13), 13366-13380. doi:10.1007/s11356-019-04687-0
 7. Höher, N., Turja, R., Brenner, M., Nyholm, J. R., Östin, A., Leffler, P., **Butrimavičienė, L.**, Baršienė, J., Halme, M., Karjalainen, M., Niemikoski, H., Vanninen, P., Broeg, K., Lehtonen, K. K., & Berglind, R. (2019). Toxic effects of chemical warfare agent mixtures on the mussel *Mytilus trossulus* in the Baltic Sea: A laboratory exposure study. *Marine environmental research*, 145, 112-122. doi:10.1016/j.marenvres.2019.02.001
 8. **Butrimavičienė, L.**, Stankevičiūtė, M., Kalcienė, V., Jokšas, K., & Baršienė, J. (2019). Genotoxic, cytotoxic, and neurotoxic responses in *Anodonta cygnea* after complex metal mixture treatment. *Environmental science and pollution research*, 26(4), 7627-7639. doi:10.1007/s11356-019-04206-1
 9. **Butrimavičienė, L.**, Baršienė, J., Pažusienė, J., Stankevičiūtė, M., & Valskienė, R. (2018). Environmental genotoxicity and risk assessment in the Gulf of Riga (Baltic Sea) using fish, bivalves, and crustaceans. *Environmental science and pollution research*, 25(25), 24818-24828. doi:10.1007/s11356-018-2516-y
 10. Valskienė, R., Baršienė, J., **Butrimavičienė, L.**, Grygiel, W., Stunžėnas, V., Jokšas, K., & Stankevičiūtė, M. (2018). Environmental genotoxicity and cytotoxicity levels in herring (*Clupea harengus*), flounder (*Platichthys flesus*) and cod (*Gadus morhua*) inhabiting the Gdansk Basin of the Baltic Sea. *Marine pollution bulletin*, 133, 65-76. doi:10.1016/j.marpolbul.2018.05.023
 11. Stankevičiūtė, M., **Butrimavičienė, L.**, Valskienė, R., Greiciūnaitė, J., Baršienė, J., Vosyliene, M. Z., & Svecevičius, G. (2016). Analysis of nuclear abnormalities in erythrocytes of rainbow trout (*Oncorhynchus mykiss*) treated with Cu and Zn and after 4-, 8-, and 12-day depuration (post-treatment recovery). *Mutation research - Genetic toxicology and environmental mutagenesis*, 797, 26-35. doi:10.1016/j.mrgentox.2016.01.003
 12. Baršienė, J., **Butrimavičienė, L.**, Grygiel, W., Stunžėnas, V., Valskienė, R., Greiciūnaitė, J., & Stankevičiūtė, M. (2016). Environmental genotoxicity assessment along the transport

- routes of chemical munitions leading to the dumping areas in the Baltic Sea. Marine pollution bulletin, 103(1-2), 45-53. doi:10.1016/j.marpolbul.2015.12.048
13. Baršienė, J., **Butrimavičienė, L.**, Michailovas, A., & Grygiel, W. (2015). Assessing the environmental genotoxicity risk in the Baltic Sea: frequencies of nuclear buds in blood erythrocytes of three native fish species. Environmental monitoring and assessment, 187(1), 4078-4078. doi:10.1007/s10661-014-4078-x
 14. Baršienė, J., **Andreikėnaitė, L.**, Grygiel, W., Lang, T., Michailovas, A., & Jackūnas, T. (2014). Environmental genotoxicity and cytotoxicity in flounder (*Platichthys flesus*), herring (*Clupea harengus*) and Atlantic cod (*Gadus morhua*) from chemical munitions dumping zones in the southern Baltic Sea. Marine environmental research, 96, 56-67. doi:10.1016/j.marenvres.2013.08.012
 15. Turja, R., Höher, N., Snoeijs, P., Baršienė, J., **Andreikėnaitė, L.**, Kuznetsova, T., Kholodkevich, S. V., Devier, M. H., Budzinski, H., & Lehtonen, K. K. (2014). A multibiomarker approach to the assessment of pollution impacts in two Baltic Sea coastal areas in Sweden using caged mussels (*Mytilus trossulus*). Science of the total environment, 473-474, 398-409. doi:10.1016/j.scitotenv.2013.12.038
 16. Kreitsberg, R., Baršienė, J., Freiberg, R., **Andreikėnaitė, L.**, Tammaru, T., Rumvolt, K., & Tuvikene, A. (2013). Biomarkers of effects of hypoxia and oil-shale contaminated sediments in laboratory-exposed gibel carp (*Carassius auratus gibelio*). Ecotoxicology and environmental safety, 98(1), 227-235. doi:10.1016/j.ecoenv.2013.08.016
 17. Baršienė, J., Rybakovas, A., Lang, T., **Andreikėnaitė, L.**, & Michailovas, A. (2013). Environmental genotoxicity and cytotoxicity levels in fish from the North Sea offshore region and Atlantic coastal waters. Marine pollution bulletin, 68(1-2), 106-116. doi:10.1016/j.marpolbul.2012.12.011
 18. Kreitsberg, R., Tuvikene, A., Baršienė, J., Fricke, N. F., Rybakovas, A., **Andreikėnaitė, L.**, Rumvolt, K., & Vilbaste, S. (2012). Biomarkers of environmental contaminants in the coastal waters of Estonia (Baltic Sea): effects on eelpouts (*Zoarces viviparus*). Journal of environmental monitoring, 14(9), 2298-2308. doi:10.1039/c2em30285c
 19. Baršienė, J., Rybakovas, A., Lang, T., Grygiel, W., **Andreikėnaitė, L.**, & Michailovas, A. (2012). Risk of environmental genotoxicity in the Baltic Sea over the period of 2009-2011 assessed by micronuclei frequencies in blood erythrocytes of flounder (*Platichthys flesus*), herring (*Clupea harengus*) and eelpout (*Zoarces viviparus*). Marine environmental research, 77, 35-42. doi:10.1016/j.marenvres.2012.01.004
 20. Baršienė, J., Rybakovas, A., Garnaga, G., & **Andreikėnaitė, L.** (2012). Environmental genotoxicity and cytotoxicity studies in mussels before and after an oil spill at the marine oil terminal in the Baltic Sea. Environmental monitoring and assessment, 184(4), 2067-2078. doi:10.1007/s10661-011-2100-0
 21. Šyvokienė, J., Stankus, S., & **Andreikėnaitė, L.** (2011). Bacterioflora of digestive tract of fishes in vitro. Veterinarija ir zootechnika, 56, 93-101
 22. Brooks, S. J., Harman, C., Grung, M., Farmen, E., Ruus, A., Vingen, S., Godal, B. F., Baršienė, J., **Andreikėnaitė, L.**, Skarphéðinsdóttir, H., Liewenborg, B., & Sundt, R. C. (2011). Water column monitoring of the biological effects of produced water from the Ekofisk offshore oil installation from 2006 to 2009. Journal of toxicology and environmental health, Part A, 74(7-9), 582-604. doi:10.1080/15287394.2011.550566
 23. Vosylienė, M. Z., Kazlauskienė, N., Baršienė, J., **Andreikėnaitė, L.**, Milukaitė, A., & Taujanskis, E. (2010). Ecotoxicity and genotoxicity relating to fish in wastewaters discharged from the Vilnius treatment plant. Water science and technology, 62(4), 859-865. doi:10.2166/wst.2010.916
 24. Baršienė, J., Dedonytė, V., Rybakovas, A., **Andreikėnaitė, L.**, & Andersen, O. K. (2006). Investigation of micronuclei and other nuclear abnormalities in peripheral blood and kidney of marine fish treated with crude oil. Aquatic toxicology, 78(suppl.1), 99-104. doi:10.1016/j.aquatox.2006.02.022

Articles in publications of other databases

1. Baršienė, J., Bjornstad, A., Rybakovas, A., Šyvokienė, J., & **Andreikėnaitė, L.** (2010). Environmental genotoxicity and cytotoxicity studies in mussels and fish inhabiting northern Atlantic zones impacted by aluminum industry. *Ekologija*, 56(3-4), 116-123. doi:10.2478/v10055-010-0017-5
2. Baršienė, J., **Andreikėnaitė, L.**, & Bjornstad, A. (2010). Induction of micronuclei and other nuclear abnormalities in blue mussels *Mytilus edulis* after 1-, 2-, 4- and 8-day treatment with crude oil from the North Sea. *Ekologija*, 56(3-4), 124-131. doi:10.2478/v10055-010-0018-4
3. Baršienė, J., **Andreikėnaitė, L.**, Vosylienė, M. Z., & Milukaitė, A. (2009). Genotoxicity and immunotoxicity of wastewater effluents discharged from Vilnius wastewater treatment plant. *Acta zoologica Lituonica*, 19(3), 188-196. doi:10.2478/v10043-009-0025-4
4. Baršienė, J., **Andreikėnaitė, L.**, Garnaga, G., & Rybakovas, A. (2008). Genotoxic and cytotoxic effects in the bivalve mollusks *Macoma balthica* and *Mytilus edulis* from the Baltic Sea. *Ekologija*, 54(1), 44-50
5. **Andreikėnaitė, L.**, Baršienė, J., & Vosylienė, M. Z. (2007). Studies of micronuclei and other nuclear abnormalities in blood of rainbow trout (*Oncorhynchus mykiss*) treated with heavy metal mixture and road maintenance salts. *Acta zoologica Lituonica*, 17(3), 213-219
6. Baršienė, J., & **Andreikėnaitė, L.** (2007). Induction of micronuclei and other nuclear abnormalities in blue mussels exposed to crude oil from the North Sea. *Ekologija*, 53(3), 9-15
7. Baršienė, J., **Andreikėnaitė, L.**, & Rybakovas, A. (2006). Cytogenetic damage in perch (*Perca fluviatilis* L.) and Duck mussel (*Anodonta anatina* L.) exposed to crude oil. *Ekologija*, 1, 25-31
8. Baršienė, J., Dedonytė, V., Rybakovas, A., **Andreikėnaitė, L.**, & Andersen, O. K. (2005). Induction of micronuclei in Atlantic cod (*Gadus morhua*) and turbot (*Scophthalmus maximus*) after treatment with bisphenol A, diallyl phthalate and tetrabromodiphenyl ether-47. *Ekologija*, 4, 1-7.

Articles in other peer-reviewed conference proceedings

1. **Butrimavičienė, L.**, Kalcienė, V., Stankevičiūtė, M., & Jokšas, K. (2019). Neuro-, geno- and cytotoxicity responses in mussels *Anodonta cygnea* after six metals mixture treatment. In CEST 2019: 16th international conference on environmental science and technology: empowering science to deliver change, 4-7 September 2019, Rhodes, Greece (pp. 1-2).
2. Valskienė, R., Stankevičiūtė, M., **Butrimavičienė, L.**, Greiciūnaitė, J., & Svecevičius, G. (2015). Induction of nuclear abnormalities in rainbow trout (*Oncorhynchus mykiss*) after exposure to model mixture of heavy metals (Zn, Cu, Ni, Cr, Cd, Pb) at maximum permissible concentration. In Proceedings of the 18th conference for junior researchers "Science – future of Lithuania" (pp. 100-105). Vilnius.
3. Vosylienė, M. Z., Kazlauskienė, N., Baršienė, J., **Andreikėnaitė, L.**, Taujanskis, E., & Milukaitė, A. (2009). Untreated and treated wastewater effluent toxicity and genotoxicity to fish at different stages of development. In International conference on xenobiotics in the urban water cycle: XENOWAC 2009: 11th-13th March 2009, Cyprus: proceedings (Nicosia, pp. 1-5).
4. Baršienė, J., Rybakovas, A. & **Andreikėnaitė, L.** (2008). Environmental genotoxicity in the open and coastal areas of the Baltic Sea. In Sea and coastal research - 2008: scientific-practical conference: conference proceedings, April 09-11 2008, Klaipėda (pp. 11-13).
5. Baršienė J., Rybakovas A., **Andreikėnaitė L.** 2007. Environmental genotoxicity studies in marine fish and mussels. ICES 2007 Annual Science Conference. CM 2007 Documents. Theme Session on Effects of hazardous substances on ecosystem health in coastal and

brackish-water ecosystems: present research, monitoring strategies, and future requirements
 ICES CM 2007/I:05.
<http://www.ices.dk/iceswork/asc/2007/ThemeSessions/abstracts/ListI.pdf>

Methodological publication

Baršienė J., Lyons B., Rybakovas A., Martinez-Gomez C., **Andreikėnaitė L.**, Brooks S., Maes T. 2012. Background document: micronucleus assay as a tool for assessing cytogenetic/DNA damage in marine organisms, 71–83. In: Davies I.M., Vethaak D. (eds) Integrated marine environmental monitoring of chemicals and their effects. ICES Cooperative Research Report, 315. ICES, Copenhagen, 277.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROJECTS

- 2023–2024 Grant agreement „Preparation of a joint project application on lake restoration in the Baltic states“, project co-financed by Iceland, Liechtenstein and Norway grants project No. 90002129621, (Principal investigator)
- 2020–2022 Grant agreement „Development of a prototype spectrometric technology and methodology for preventive on-site quality assessment of oysters (SOQA)“, project co-financed by the European Union Structural Funds, Agency for Science, Innovation and Technology, EUREKA program, project No. Nr. 01.2.2-MITA-K-702-07-0006, (Primary implementer)
- 2017–2020 „Assessment of cumulative toxicity impact in the aquatic organisms induced by different types of stressors“, funding from the Research Council of Lithuania, project No. SMIP–17-10 (Principal investigator)
- 2015–2016 „Blood sample analysis of fish from the Gulf of Finland, the Baltic Sea“ funding from the Estonian University of Life Sciences, No. SF 0170011s08, (Primary implementer)
- 2012–2014 CHEMSEA project „Chemical Munitions Search and Assessment“ funding from the Baltic Sea Region Program, the European Regional Development Fund and the state budget of Lithuania (Primary implementer)
- 2012–2014 GENOTOX-CG project „Environmental genotoxicity studies in chemical munitions dumping zones of the Baltic Sea“, funding from Research Council of Lithuania, project No. MIP-33/2012, (Primary implementer)
- 2010–2012 Scottish Integrated Assessment Demonstration Programme „Determination of micronuclei in flatfish“, The Scottish Ministers acting through Marine Scotland, without funding (Secondary implementer)
- 2010–2011 GENCITOX project „Environmental geno-cytotoxicity studies in marine system Atlantic Ocean-North Sea-Baltic Sea“, funding from the Research Council of Lithuania, project No. MIP-62/2010, (Primary implementer)
- 2009–2011 BONUS program BEAST project „Biological effects of anthropogenic stress: tools for the assessment of ecosystem health“ funding from the European Community's Seventh Framework Programme (FP/2007-2013) under Grant Agreement No. 217246, (Primary implementer)

OTHER PROFESSIONAL EXPERIENCE:

Other type of projects:

- 08/2020 Grant agreement. Project „Participation of Lithuanian researchers in meetings with potential partners, info-days, brokerage events, consultation events“ fundent by EU structural funds „The internationalisation of Lithuanian research – the development of RDI links (LINO-LT)“ financed through the specific measure dedicated to strengthening the researchers capacities 2016-2020. Project No. LINO-LYR-1568.
- 09/2019 Grant agreement. The project „Raising the Competence of Researchers at the 16th International Conference on Environmental Science and Technology“ is funded by EU Social Fund. Project No. 09.3.3-LMT-K- 12 “Scientists, other researchers, students development of scientific competence through practical scientific activities ”

Seminars and courses:

- 14/05/2013 Training „Project and procurements management“ 8 academic hours
- 24/05/2013 Training „The project's activities and financial management and responsibility“ 8 academic hours
- 29/05/2013–30/05/2013 Course „Project funding opportunities and sources“ 16 academic hours
- 13/06/2013–14/06/2013 Course „Project team building and management“ 16 academic hours
- 12/09/2013–13/09/2013 Course „Strategy Planning (Strategy for Collaboration with Business)“ 16 academic hours
- 11/01/2009–15/01/2009 Course „Implementation of „LEADER“ program in local action groups“ 12 academic hours
- 2006–2008 Lectures (6 series) „Global change interdisciplinary training“, course „Biostatistics“ 68 academic hours, course „Global change and anthropogenic effects on ecosystems research“ 144 academic hours

Other activity: Chairperson of Doctoral committee for the Ecology and Environmental Sciences at Nature Research Centre

PARTICIPATION IN SCIENTIFIC CONFERENCES**International scientific conferences:**

1. Micutaitė J., Kalcienė V., Nalivaikienė R., Rybakovas A., **Butrimavičienė L.** Responses of biochemical biomarkers in *Unionidae* molluscs from Neris river (Lithuania). 17th international conference of Life Sciences „The COINS 2022“. February-3 March 2022, Vilnius, Lithuania: 62. <https://thecoins.eu/static/resources/booksofabstracts/COINS2022.pdf>
2. Micutaitė J., Kalcienė V., Nalivaikienė R., Rybakovas A., **Butrimavičienė L.** Biožymenų atsakai Unionidae šeimos moliuskuose, surinktuose Neris upėje. Vilniaus universiteto Šiaulių akademijos organizuojamoje tarptautinėje studentų mokslinėje konferencijoje „Jaunasis tyrėjas išmaniajai visuomenei 2022“ 2022, gegužės 11 d., Šiauliai, Lietuva.
3. Nalivaikienė R., Kalcienė V., Rybakovas A., Pūtys Ž., Višinskienė G., **Butrimavičienė L.** Geno- and cytotoxic responses in flounder (*Platichthys flesus*) from the Lithuanian coastal zone (Baltic Sea). 64th International Conference for Students of Physics and Natural Sciences „Open Readings 2021“. March 16–19. 2021. Center for Physical Sciences and Technology, Vilnius. https://www.openreadings.eu/wp-content/uploads/2021/03/Abstract_book_2021S.pdf
4. Nalivaikienė R., Kalcienė V., Rybakovas A., Jakutait V., **Butrimavičienė L.** Responses of biochemical biomarkers in bivalve mussels (*Unio pictorum*) from Nemunas river

- (Lithuania). 16th international conference of Life Sciences „The COINS 2021“. March 27–30. 2021. Life Sciences Center, Vilnius University, Vilnius. <https://www.thecoins.eu/static/resources/booksofabstracts/COINS2021.pdf>
5. Nalivaikienė R., Kalcienė V., **Butrimavičienė L.** Response of oxidative stress and neurotoxicity biomarker in Rainbow trout (*Oncorhynchus mykiss*) after exposure to six metals mixtures. OPEN Readings, 63rd International Conference for students of physics and natural sciences, March 17-20 2020 Vilnius, Lithuania. <https://www.openreadings.eu/wp-content/uploads/2020/04/knyga20N.pdf>
 6. Stankevičiūtė M., Turja R., **Butrimavičienė L.**, Pažusienė J., Ahvo A., Lehtonen K.K., Jørgensen K.S. Geno- and cytotoxic effects of crude oils on the mussel *Mytilus spp.* from the Baltic Sea. SETAC Europe 29th Annual Meeting, May 26-30 2019 Helsinki, Finland. <https://helsinki.setac.org/wp-content/uploads/2019/05/SETAC-Helsinki-Abstract-Book-2019.pdf>
 7. Höher N., Turja R., Brenner M., Nyholm J.R., Ostin A., Leffler P., **Butrimavičienė L.**, Baršienė J., Karjalainen M., Vanninen P., Niemikoski H., Broeg K., Lehtonen K.K., Berglund R.S. Toxic effects of chemical warfare agent mixtures on the mussel *Mytilus trossulus* in the Baltic Sea: a laboratory exposure study. SETAC Europe 29th Annual Meeting, May 26-30 2019 Helsinki, Finland. <https://helsinki.setac.org/wp-content/uploads/2019/05/SETAC-Helsinki-Abstract-Book-2019.pdf>
 8. **Butrimavičienė L.**, Kalcienė V., Stankevičiūtė M., Jokšas K. Neuro-, geno- and cytotoxicity responses in mussels *Anodonta cygnea* after six metals mixture treatment. 16th International Conference on Environmental Science and Technology, September 4-7, 2019 Rhodes, Greece. https://cest2019.gnest.org/sites/default/files/ABSTRACT%20BOOK_CEST2019_FINAL%202.pdf
 9. Pažusienė J., Valskienė R., Stankevičiūtė M., **Butrimavičienė L.**, Baršienė J. Environmental genotoxicity and risk assessment in herring (*Clupea harengus*), Atlantic cod (*Gadus morhua*) and flounder (*Platichthys flesus*) caught in the Gotland Basins from the Baltic Sea (2010-2017). 16th International Conference on Environmental Science and Technology, September 4-7, 2019 Rhodes, Greece. https://cest2019.gnest.org/sites/default/files/ABSTRACT%20BOOK_CEST2019_FINAL%202.pdf
 10. Stasiūnaitė E., Čapukotienė B., Eglinskaitė R., Stankevičiūtė M., Makaras T., **Butrimavičienė L.** Haematological and biochemical indices in Rainbow trout (*Oncorhynchus mykiss*) after 4, 7- and 14-days exposure with metals mixture. OPEN Readings, 62-nd International Conference for students of Physics and natural Sciences, March 19-22, 2019 Vilnius, Lithuania. <https://www.openreadings.eu/wp-content/uploads/2019/03/abstractbook19.pdf>
 11. Pažusienė J., **Butrimavičienė L.**, Baršienė J., Stankevičiūtė M., Valskienė R. Environmental genotoxicity and risk assessment in the Gulf of Riga (Baltic Sea) using fish, bivalves and crustaceans. OPEN Readings, 62-nd International Conference for students of Physics and natural Sciences, March 19-22, 2019 Vilnius, Lithuania. <https://www.openreadings.eu/wp-content/uploads/2019/03/abstractbook19.pdf>
 12. Pažusienė J., Stankevičiūtė M., Valskienė R., **Butrimavičienė L.**, Baršienė J., 2019. Environmental genotoxicity and risk assessment in herring (*Clupea harengus*) blood erythrocytes collected in the Bornholm and Gotland Basins from the Baltic Sea (2009-2017). 8th Young Environmental Scientists „Yes 2019“ meeting. February 05-10, Ghent University, Belgium.
 13. Brenner M., Höher N., Schuster R., Turja R., Lastumäki A., Nyholm J.R., Östin A., Leffler P., **Butrimavičienė L.**, Baršienė J., and et al. Biological effects of dumped warfare agent on the Baltic mussel *Mytilus spp.*; first results from field and lab exposure studies INTERNATIONAL SYMPOSIUM for sea-dumped munition and UXO Munition in the sea

is a global problem for marine economy and has an unknown environmental impact From May 2nd to 4th, 2018 an interdisciplinary symposium in Berlin (Germany). <https://epic.awi.de/id/eprint/47189/>

14. Ašmenaitė G., Petkutė G., Stankevičiūtė M., **Butrimavičienė L.** Genotoxicity assessment of heavy metal model mixture in swan mussel, european perch and common roach gills. OPEN Readings, 60-th International Conference for Students of Physics and natural Sciences, March 14-17, 2017 Vilnius, Lithuania
15. Greiciūnaitė J., Valskienė R., **Butrimavičienė L.**, Baršienė J. Environmental genotoxicity studies in erythrocytes cells of fish collected in the eastern Gotland basin of the Baltic Sea. OPEN Readings, 60-th International Conference for Students of Physics and natural Sciences, March 14-17, 2017 Vilnius, Lithuania
16. Valskienė R., **Butrimavičienė L.**, Stankevičiūtė M., Greiciūnaitė J., Dasevičiūtė L., Grygiel W., Baršienė J., Environmental Genotoxicity Assessment in Chemical Munitions Dumping Zones in the Southern Baltic Sea. The Coins 2016 – International Conference of Natural and Life Sciences. 29th February – 3rd March 2016. Life Science Centre Saulėtekio Ave. 7.
17. Baršienė J., **Butrimavičienė L.**, Rybakovas A., Grygiel W., Lang T., Michailovas A., Valskienė R., Stankevičiūtė M., Greiciūnaitė J., Eiva P., 2014. Genotoxicity and cytotoxicity responses in fish from chemical munitions zones of the Baltic Sea. Fifth International Dialogue on Underwater Munitions. May 28-29, Halifax, Nova Scotia, Canada.
18. Turja R., Brenner M., Baršienė J., **Butrimavičienė L.**, Lastumäki A., Lehtonen K.K., “Integrated assessment of biological effects of chemical warfare agents on caged blue at official dumping site in the Baltic Sea” BSSC, 2013 August 26-30 Klaipėda, Lithuania.
19. Baršienė J., **Butrimavičienė L.**, Grygiel W., Michailovas A., Beldowski J., Jackūnas T., “Genocytotoxicity levels in fish from chemical munitions dumpsites (Baltic Sea)” BSSC, 2013 August 26-30 Klaipėda, Lithuania.
20. Robinson C.D., MacNeish K., Webster L., Baršienė J., **Butrimavičienė L.**, Bignell J., Katsiadaki I., Sibire M., Gubbins M., “An assessment of contaminants and their biological effects in Scottish flatfish” SETAC, May 12-16 Glasgow, United Kingdom 2013.
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PARTICIPATION IN THE STUDY PROCESS

Supervision of PhD students:

Reda Nalivaikienė Research theme: „Responses of biochemical and cytogenetic biomarkers in aquatic organisms after exposure to a single stressor or a complex of them“ (Ecology and Environmental Science, N012) **2019-01-02 – 2023-12-31**