# Laima Blažytė-Čereškienė

## CONTACT INFORMATION


| | |
|---|---|
| Address | Akademijos Str. 2, Vilnius LT-08412, Lithuania |
| Tel. no.: | +370 685 84622 |
| E-mail: | laima.blazyte@gamtc.lt<br>orcid.org/0000-0002-0801-0196<br>https://www.researchgate.net/profile/Laima-Blazyte-Cereskiene |


## EDUCATION AND ACADEMIC DEGREE

| | |
|---|---|
| 2003 | Ph.D. Biology: physiology (Honey bee learning), Institute of Ecology, Vilnius University, Vilnius Pedagogical University |
| 1997 | Master's degree, Botany (Nature reserves' flora; rare and beneficial plants) Vilnius Pedagogical University |
| 1996 | Bachelor's degree, Biology-chemistry, Vilnius Pedagogical University |

## PROFESSIONAL EXPERIENCE

| | |
|---|---|
| 2021 08 – now | **Head of Laboratory of Chemical and Behavioural Ecology** |
| 2016 11 – now | **Senior Researcher**<br>Laboratory of Chemical and Behavioural Ecology, Nature Research Centre |
| 2014 04 – 07 | **Open Access Centre Coordinator**<br>Open Access Centre, Nature Research Centre |
| 2003 – 2016 10 | **Researcher**<br>Laboratory of Chemical and Behavioural Ecology, Institute of Ecology, Nature Research Centre |
| 1997 04 – 12 | **Research assistant**<br>Laboratory of Chemoreception, Institute of Ecology |

## RESEARCH INTERESTS

Chemical ecology and behaviour of insects (honeybees, wild bees, coleopterans, lepidopterans), attractants, repellents, insect-pollinator and plant interaction, pest-host interaction, honey bee olfactory learning, honey bee diseases (viruses and microsporidians), Lithuanian native honeybee – *Apis mellifera mellifera*. Research techniques: electrophysiology techniques (electroantennogram) coupled to gas-chromatography. Techniques to measure insect behaviour in relation to olfaction (olfactometer, field trapping); molecular biology methods (RNA and DNR isolation, PCR Techniques, Gel Electrophoresis)

## PUBLICATIONS

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

1. **Blažytė-Čereškienė L.**, Aleknavičius D., Apšegaitė V., Būda V. 2022. Response of Parasitic Wasp *Cotesia glomerata* L. (Hymenoptera: Braconidae) to Cabbage Plants of Two Varieties: Olfactory Spectra of Males and Females. *Journal of Economic Entomology*, 115(5), 1464–1471. https://doi.org/10.1093/jee/toac135

2. **Blažytė-Čereškienė L.**, Būda V., Apšegaitė V., Radžiutė, S., Būdienė, J., Aleknavičius D., Mozūraitis R. 2022. Sea Buckthorn *Hippophae rhamnoides* and Fruit Flies *Rhagoletis batava*: Search for Volatile Semiochemicals Involved in Pest Attraction. *Horticulturae* 2022, 8, 179. https://doi.org/10.3390/horticulturae8020179
3. 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*. https://doi.org/10.1007/s00248-021-01910-9
4. Mozūraitis R., Apšegaitė V., Radžiutė S., Aleknavičius D., Būdienė J., Stanevičienė R., **Blažytė-Čereškienė L.,** Servienė E., Būda, 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. *Journal of Fungi*, 8 (2), 95. https://doi.org/10.3390/jof8020095
5. Būda V., Radžiutė S., Apšegaitė V., **Blažytė-Čereškienė L.**, Čepulytė, R., Bumbulytė, G., Mozūraitis R. 2022. Electroantennographic and behavioural responses of European cherry fruit fly, *Rhagoletis cerasi*, to the volatile organic compounds from sour cherry, *Prunus cerasus*, fruit. *Insects*, 2022, 13, 114. https://doi.org/10.3390/insects13020114
6. Būda V., **Blažytė-Čereškienė L.**, Radžiutė S., Apšegaitė V., Schultz S., Stamm P., Aleknavičius D., Mozūraitis R. 2020. Male-produced (-)-δ-heptalactone as pheromone of the fruit fly *Rhagoletis batava* (Diptera: Tephritidae), a pest of sea buckthorn berries. *Insects*, 11, 138. https://doi:10.3390/insects11020138
7. 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(3), 456; https://doi:10.3390/microorganisms8030456
8. Mozūraitis, R., Aleknavičius, D., Vepštaitė-Monstavičė, I., Stanevičienė, R., Noushin Emami, S., 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. https://doi.org/10.1016/j.jare.2019.08.001
9. **Blažytė-Čereškienė L.**, Apšegaitė V., Būda V. 2019. The choice between flowers of closely related plant species by generalist pollinator: identification of relevant VOCs. *Arthropod-Plant Interactions*. 13(5): 735–743. https://doi.org/10.1007/s11829-019-09702-2
10. Skrodenytė-Arbačiauskienė V., Budrienė A., **Blažytė-Čereškienė L.**, Budrys E. 2019. Illumina-based 16S metagenomic analysis of the indigenous gut microbiota of cavity-nesting bee *Megachile centuncularis*: a comparison with the cavity-nesting wasp *Ancistrocerus antilope*. *Journal of Apicultural Research*. 58(4): 587–590. https://doi.org/10.1080/00218839.2019.1614734
11. Fors L., Mozūraitis R., **Blažytė-Čereškienė L.**, Verschut T., Hambäck P. 2018. Selection by parasitoid females among closely related hosts based on herbivore-induced volatiles: Identifying relevant chemical cues. *Ecology and Evolution*. 8(6): 3219–3228. https://doi.org/10.1002/ece3.3877

***Patents:***

1. Būda V., Butkienė R., **Blažytė-Čereškienė L.**, Pečiulytė D., Apšegaitė V. (2021) Method for detection of mould contamination in grain. European patent EP3400438B1 https://data.epo.org/publication-server/document?iDocId=6598467&iFormat=0
2. Būda V., Butkienė R., **Blažytė-Čereškienė L.**, Pečiulytė D., Apšegaitė V. (2017) Grūdų užteršimo pelėsiniais grybais aptikimo būdas [Method for detection of mould contamination in grain]. The State Patent Bureau of the Republic of Lithuania. Patent No. 6458. http://www.vpb.lt/db_patentai/rezult-singl.php?id=X531369
3. Būda V., Butkienė R., **Blažytė-Čereškienė L.**, Pečiulytė D., Apšegaitė V. (2017) Method for detection of mould contamination in grain. Paraiškos numeris PCT/IB2016/051320.

Publikacijos numeris WO2017118881 A1. Paskelbimo data 2017 liepos 13. https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2017118881

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

1. **Blažytė-Čereškienė L.** 2017. Bičių šeima ir jos vystymosi biologija [Honey bee colony and its developmental biology]. Eds. A. Skirkevičius, S. Skebienė, *Pradedantiems bitininkams*. Vilnius, p. 35-49.
2. **Blažytė-Čereškienė L.** 2017. Medingieji augalai, bičių ganyklos [Melliferous plants, bee pastures.]. Eds. A. Skirkevičius, S. Skebienė, *Pradedantiems bitininkams*. Vilnius, p. 102-118.
3. **Blažytė-Čereškienė L.** 2007. Globalios klimato kaitos poveikis sąveikoms tarp žydinčių augalų ir jų apdulkintojų. [Impact of global climate change on interactions between flowering plants and their pollinators] Ed. M. Žalakevičius, *Biota ir globali kaita*, I dalis, Vilnius, p. 137-158.
4. **Blažytė-Čereškienė L.**, Skirkevičius A. 2006. The effect of the season on the olfactory learning of worker honeybees (*Apis mellifera carnica* Pollm.) to queen bee pheromone. *Acta Biologica Universitatis Daugavpiliensis*, 6 (1-2): 45-50.
5. Skirkevičius A., **Blažytė-Čereškienė L.** 2004. The workers' (*Apis mellifera carnica* Pollm.) response with proboscis extension to the odour of queen extract. *Journal of Apicultural Science.* 48 (1): 11-17.
6. Skirkevičius A., **Blažytė L.**, Skirkevičienė Z. 2000. Influence of keeping bees (*Apis mellifera carnica* Pollm.) in colonies or caged on the formation of conditioned reflex on the queen bee pheromones. *Pszczelnicze zeszyty naukowe,* Rok. XLIV, Nr. 2: 43-53.

***Reviewed scientific articles, published in Lithuania:***

1. **Blažytė-Čereškienė L.**, Karalius V. 2010. New records of *Boros schneideri* (Panzer, 1796) (Coleoptera, Boridae) in Lithuania in 2007. *New and rare for Lithuania insect species*. 22: 74-80**.**
2. Skirkevičius A., **Blažytė-Čereškienė L.** 2009. Olfactory learning in worker honeybees from queenright and queenless colonies (*Apis mellifera carnica* Pollm.). *Biologija*. 55: 125-132.
3. **Blažytė-Čereškienė L.**, Vaitkevičienė G., Apšegaitė V. 2007. Age-dependent conditioned responses to queen pheromone in *Apis mellifera carnica* Pollm. workers from queenless colony treated with synthetic queen mandibular pheromone. *Acta Zoologica Lituanica*. 17 (4): 341-345.
4. **Blažytė-Čereškienė L.**, Būda V. 2007. Ability of honey bees to detect and recognise isomers of cresol. *Ekologija*. 53 (3): 16-21.
5. Skirkevičius A., **Blažytė-Čereškienė L.** 2005. Response of workers (*Apis mellifera carnica* Pollm.) by proboscis extension to queen extract odour before conditioning procedure. *Biologija*, 4: 82-87.
6. **Blažytė L.** 2001. Some factors influencing the development of conditioned reflex to queenbee pheromone in worker honeybees (*Apis mellifera carnica* Pollm.). *Ekologija*, 3: 3-8.
7. Skirkevičius A., **Blažytė L.**, Skirkevičienė Z. 2001. Ability of worker honeybees to learn after keeping them in different conditions. *Žemdirbystė*, 76: 144-153.

**PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS**

***Experimental development work fulfilling the Frascati Manual criteria, other experimental development work***

**Project Leader**

| | |
|---|---|
| 2018-2019 | Investigation of CO2 gas formation in stored grains. Client: IT SISTEMOS. |
| 2018-2019 | Spectral characteristics of plants infected with oat streak disease. Client: BENCO, Baltic Engineering Company. |
| 2018 | Spectrometric analyses of honey and contaminants used in honey falsification. Client: „Spektrolabas“. |
| 2018 | Development of a methodology for the establishment of disease diagnosis sites with natural infection, artificial and controlled infection. Client: ART21. |
| 2018 | Investigating the relationship between the reflected light properties of oats and their chemical and physiological properties. Client: ART21. |
| 2017 | Analysis of the composition, nature and extent of potential contamination of compounds emitted by beeswax and assessment of its suitability for use in beekeeping. Client: „Bičių korys“. |
| 2014-2019 | Detection of microsporidia, *Nosema apis* and *N. ceranae*, and bee viruses in honey bees, *Apis mellifera*, by molecular methods. Client: Lietuvos agrarinių ir miškų mokslų centro Žemdirbystės institutas. |

**Principal Investigator**

| | |
|---|---|
| 2019-2020 | „Disruption of mating behaviour - an innovative approach to biocontrol of the apple fruit fly (*Cydia pomonella*)“ Nr. 14PA-KK-18-1-03469-PR001, Client: “Vijolina” |
| 2017-2018 | Studies on the effects of light, electromagnetic field and semiochemicals on insect behaviour for the development of an automated breeding technology for the yellow mealworm beetle. Client: „MKDS“. |

***Participation in international research programmes and projects***

| | |
|---|---|
| 2021-2023 | Preparatory action for monitoring of environmental pollution using honey bees. INSIGNIA-EU. https://www.insignia-bee.eu/team/national-coordinators/ **National Coordinator** |
| since 2021 | COLOSS network core project “Monitoring of honey bee colony losses”. https://coloss.org/activities/coreprojects/monitoring/ **National Coordinator** |
| 2020-2022 | Development of a prototype spectrometric technology and methodology for on-site preventive oyster quality assessment (SOQA). Project No 01.2.2-MITA-K-702-07-002 funded by the EU Structural Funds under the EU Investment Facility "Commercialisation and internationalisation of R&D results" (EUREKA). The project is carried out with partners ART21 UAB and Croatia. |
| 2019-2021 | Horizon 2020 „Internet of Food and Farm 2020, Within Field Management Zoning – Baltic (IoF2020, WFMZ – Baltic). https://www.iof2020.eu/use-case-catalogue/arable/within-field-management-zoning-baltics |

***Participation in national research programmes and projects***

**Project Leader**

| | |
|---|---|
| 2022 | Applied research programme project on beekeeping and bee products "Morphometric assessment of selection efficiency in the emerging Lithuanian dark bee population and search for new colonies to maintain it". Funded by the Ministry |

of Agriculture of the Republic of Lithuania

2021 Applied research programme project on beekeeping and bee products "Searching for potential sites for the conservation of native Lithuanian bees". Funded by the Ministry of Agriculture of the Republic of Lithuania.

2020-2022 EIP Action Group project "Innovative beehive protection and monitoring system". Implementing Authority - NRC and partners. NRC Part Leader. Funded by the Ministry of Agriculture of the Republic of Lithuania. https://www.kaimotinklas.lt/lt/projektai/inovatyvi-biciu-aviliu-apsaugos-stebesenos-sistema

2020 Applied research programme project on beekeeping and bee products "Comparison of virus and microsporidian infections in colonies of native and introduced subspecies". Funded by the Ministry of Agriculture of the Republic of Lithuania.

2019 Applied research programme project on beekeeping and bee products "Possible influence of hygienic behaviour of bees on the prevalence of viruses and microsporidia in honey bee colonies“. Funded by the Ministry of Agriculture of the Republic of Lithuania.

2018-2019 EIP Action Group project "Development of an integrated pest management system using aero-distance-spectrometric techniques". Executing agency - Chamber of Agriculture, partner - NRC. Head of the NRC part. Funded by the Ministry of Agriculture of the Republic of Lithuania. https://www.kaimotinklas.lt/lt/projektai/integruotos-kenksminguju-organizmu-kontroles-sistemos-sukurimas-naudojantis-aerodistanciniais-spektrometriniais-metodais

2018-2019 EIP Action Group project "Development of an innovative integrated quality control system for grain and feed for ground storage". Implementing institution - ART21, partner - NRC. NRC Part Manager. Funded by the Ministry of Agriculture of the Republic of Lithuania. https://www.kaimotinklas.lt/lt/projektai/inovatyvios-kompleksines-grudu-ir-pasaru-kokybes-kontroles-sistemos-sukurimas-antzeminiams-sandeliams

2018 Applied research programme project on beekeeping and bee products: 'Does hygienic behaviour of bees influence the prevalence of viruses and microsporidia in honey bee colonies?'. Funded by the Ministry of Agriculture of the Republic of Lithuania.

2017-2019 Research and development project "Assessment of the survival potential of the gene pool of the Lithuanian native bee *Apis mellifera mellifera* (MTTV-2017)". Funded by the Ministry of Agriculture of the Republic of Lithuania. https://zum.lrv.lt/uploads/zum/documents/files/GTC_Apis%20melifera%20melifera%20galutin%C4%97.pdf

**Principal Investigator**

2018-2021 The project "The role of metabolites in the tritrophic plant-microorganism-phytophage ecosystem (DOT_METABOL)", funded by the EU Structural Funds "Improvement of the qualification of scientists in the framework of high-level RTD projects". Funded by the Lithuanian Research Council.

2022 Applied research programme project on beekeeping and bee products: 'Prevalence of nucleolar DNA markers specific to Lithuanian native bees in colonies used for selection'. Funded by the Ministry of Agriculture of the Republic of Lithuania.

2022 Applied research programme project on beekeeping and bee products: 'Study of microsporidian and viral infections in Lithuanian dark bee colonies used for breeding and selection'. Funded by the Ministry of Agriculture of the Republic of Lithuania.

2021 Applied research programme project on beekeeping and bee products "Haplotyping of nucleolar introns characteristic of the Lithuanian native bee population". Funded by the Ministry of Agriculture of the Republic of Lithuania.

2020 Applied research programme project on beekeeping and bee products: "Assessment of hybridisation of Lithuanian native bees with imported bees using intron sequences". Funded by the Ministry of Agriculture of the Republic of Lithuania.

## PARTICIPATION IN SCIENTIFIC CONFERENCES

***International scientific conferences:***

1. **Blažytė-Čereškienė L.**, Būda V., Apšegaitė V., Radžiutė S., Būdienė J., Aleknavičius D., Mozūraitis R. 2022. VOCs of sea buckthorn fruits attractive for fruit fly *Rhagoletis batava*: search for kairomone compounds. 3rd Joint Meeting of ISCE-APACE, Managing sustainability in challenging times. August 8-12, 2022, Kuala Lumpur, Malaysia, Abstract Book, [S9-P58] p. 233. https://www.isceapacejointmeeting.com/
2. **Blažytė-Čereškienė L.**, Radžiutė S., Apšegaitė V., Ravoitytė B., Aleknavičius D., Čepulytė R., Servienė E., Būda V., Mozūraitis R. 2021. Behavioural responses of *Rhagoletis cerasi* flies to volatiles from the yeasts populating cherry berries. 36th Annual Meeting of the International Society of Chemical Ecology CHEMICAL ECOLOGY AND SUSTAINABLE DEVELOPMENT. September 5-10, 2021, Stellenbosch, South Africa. Programme and Book of Abstracts, 164. https://isce2021.carlamani.com/ISCE2021-Programme-and-Book-of-Abstracts.pdf
3. Mozūraitis R., **Blažytė-Čereškienė L.**, Radžiutė S., Apšegaitė V., Stamm P., Schulz S., Aleknavičius D., Būda V. 2021. (S)-(–)-δ-Heptalactone, an aggregation pheromone of fruit fly *Rhagoletis batava*, a *Hippophae rhamnoides* berries pest. 36th Annual Meeting of the International Society of Chemical Ecology CHEMICAL ECOLOGY AND SUSTAINABLE DEVELOPMENT. September 5-10, 2021, Stellenbosch, South Africa. Programme and Book of Abstracts, 91. https://isce2021.carlamani.com/ISCE2021-Programme-and-Book-of-Abstracts.pdf
4. Servienė E., Stanevičienė R., Vepštaitė-Monstavičė I., Lukša J., Strazdaitė-Žielienė Ž., Apšegaitė V., Butkienė R., Aleknavičius D., **Blažytė-Čereškienė L.**, Būda V., Mozūraitis R. 2019. Sea buckthorn berry-related yeasts and their volatiles. FEBS3+conference of Latvian, Lithuanian and Estonian Biochemical societies, June 17-19, 2019, Riga, Latvia. Book of Abstracts, 107-108.
5. Mozūraitis R., Aleknavičius D., Radžiutė S., **Blažytė-Čereškienė L.**, Servienė E., Būda V. 2019. Effect of the volatiles released by yeasts related to sea buckthorn *Hippophae rhamnoides* berries on behaviour of *Rhagoletis batava* flies ISCE 2019 Annual Meeting, Atlanta, GA, June 2-6, 2019. Poster Presentations. P. 66. https://isce2019.biosci.gatech.edu/wp-content/uploads/sites/848/2019/05/ABSTRACT-BOOK-POSTER-ABSTRACT-TEMPLATE3818-2.pdf
6. Būda V., Aleknavičius D., Apšegaitė V., Radžiutė S., **Blažytė-Čereškienė L.**, Servienė E., Butkienė R. 2019. Is buckthorn and fruit fly interaction mediated by yeasts? ISCE 2019 Annual Meeting, Atlanta, GA, June 2-6, 2019. Poster Presentations. P. 15. https://isce2019.biosci.gatech.edu/wp-content/uploads/sites/848/2019/05/ABSTRACT-BOOK-POSTER-ABSTRACT-TEMPLATE3818-2.pdf

7. **Blažytė-Čereškienė L.**, Apšegaitė V., Mozūraitis R., Būda V. 2018. New compound in chemical interaction: *Ips typhographus* and *Picea abies.* 34th Annual Meeting of the International Society of Chemical Ecology 12-18 August 2018, Budapest, Hungary. Abstract book p. 69.
8. **Blažytė-Čereškienė L.**, Tamašauskienė D., Būda V. 2018. Detection of viruses in virgin and mated queens of the honey bee *Apis mellifera* L. EurBee 8. 8th Congress of Apidology, 18-20 September 2018, Ghent, Belgium. Program & Abstract Book, p. 156.
9. Tamašauskienė D., Balžekas J., **Blažytė-Čereškienė L.** 2018. Hygienic behaviour in different lines of honey bee colonies. EurBee 8. 8th Congress of Apidology, 18-20 September 2018, Ghent, Belgium. Program & Abstract Book, p. 180.
10. Tamašauskienė D., Balžekas J., **Blažytė-Čereškienė L.** 2018. Analysis of hygienic behavior of honey bees *Apis mellifera carnica*. 55 Naukowa Konferencja Pszczelarska. Materialy z konferencji, Pulawy p. 38-39.

## PARTICIPATION IN THE STUDY PROCESS

***Supervision of PhD students:***

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

| | | |
|---|---|---|
| Martynas Skulskis | Research theme: „Characteristics of beekeeping in urban areas“ | 2022-10-01 – 2026-09-30 |

***Member of the dissertation defence council:***

Science area: *Agriculture Sciences* (A000). Science field: *Animal sciences* (A003)

| | | |
|---|---|---|
| Alma Račkauskaitė | Ph.D. thesis: „Genetic and phenotypic evaluation of Lithuanian Trakehner horses “ | 2022-08-30 |

***Opponent:***

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

| | | |
|---|---|---|
| Rasa Čepulytė | Ph.D. thesis “Potato cyst nematodes *Globodera rostochiensis* and *Globodera pallida*, and their chemoecological interactions with the host plant” | 2012-04-24 |

***Supervision of bachelor and master students:***

| | | |
|---|---|---|
| Vaida Plaušinaitytė | Bachelor theme: *Wolbachia pipentis* in *Rhagoletis cerasi* and *Rhagoletis batava* flies (VU, Molecular Biology study programme) | 2022 |
| Akvilė Galeckaitė | Bachelor theme: Studies on chemoecological interactions between Norway spruce (*Picea abies*) and bark beetle (*Ips typographus*) using biologically active compounds (VU, Ecology study programme | 2020 |
| Vaida Pranckūnaitė | Bachelor theme: Influence of hygienic behaviour of honey bee colonies on the infection of colonies with viruses (VMU Academy of Education, Biology study programme) | 2020 |
| Ela Briling | Bachelor theme: Search for *Varroa destructor* compounds that are electrophysiologically active in honey bees *Apis mellifera* (VU, Biophysics study programme) | 2019 |
| Justina Lopataitė | Master theme: Investigation of chemoecological interactions in Nymphalinae (VU, Biodiversity study programme) | 2018 |

| | | |
|---|---|---|
| Viktorija Audickaitė | Master theme: Influence of viruses on the pheromone composition of honey bee (*Apis mellifera* L.) queens (VU, Ecology study programme) | 2016 |
| Irma Kragnytė | Master theme: Viral and microsporic pathogens of honey bees (*Apis mellifera* L.) in Lithuanian apiaries (VU, Ecology study programme) | 2015 |
| Gintarė Eskytė | Bachelor theme: Chemical interactions between strawberry (*Fragaria* sp.) and pollinating insects (VU, Ecology study programme) | 2013 |
| Julija Tamulevičiūtė | Bachelor theme: Chemical interactions between Norway spruce (*Picea abies*) and the bark beetle (*Ips typographus*) (VU, Ecology study programme) | 2013 |
| Erika Laurinėnienė | Bachelor theme: *Nosema ceranae*, an invasive pathogen of honey bees (*Apis mellifera*) in apiaries of Vilnius beekeepers (VU, Ecology study programme) | 2012 |
| Vidmantas Kriukelis | Master theme: Project on automation of bee training to detect volatile substances (VU, Neurobiology study programme) | 2012 |
| Kamila Ząbkiewicz | Bachelor theme: Distribution of the *Monochamus galloprovincialis* a potential vector of the pine wilt nematode (*Bursaphelenchus xylophilus*) in Lithuania (VU, Ecology study programme) | 2011 |
| Vidmantas Kriukelis | Bachelor theme: Using the olfactory abilities of bees to detect explosives (VU, Biophysics study programme) | 2009 |

***Supervising student internships***

| | | |
|---|---|---|
| Gvidas Šulskis | Project "Population restoration of the Lithuanian honey bee, *Apis mellifera mellifera*: assessment of the status of queens mating freely in an isolated area" No. S-SV-22-118 | 2022 |
| Gabrielė Bumbulytė | Project "Possible influence of hygienic bee behaviour on the prevalence of viruses in honey bee colonies", No. 09.3.3.-LMT-K-712-15-0104 | 2019 |
| Tomas Pocius | Internship topic "Volatile compounds of sea buckthorn berries that modify the behaviour of sea buckthorn flies" | 2017 |
| Viktorija Audickaitė | Project "Diagnosis of bee viruses in honey bee queens by molecular methods" No. 2015/SUT-6-1/SMT 158-005 | 2015 |
| Ugnė Leikaitė | Project "Diagnosis of bee diseases in Lithuanian apiaries using molecular methods" No. SUT-6-37/SMP14-023 | 2014 |
| Dominykas Aleknavičius | Project "Influence of chemotype and floral sexual dimorphism on mutualistic interactions between thyme (*Thymus pulegioides* L.) and insect pollinators" No. SUT-6-36/SMP14-022 | 2014 |
| Tomas Paulauskas | Project "Influence of *Origanum vulgare* extracts on the behaviour of *Tenebrio molitor*" Nr. PR-4-18 | 2013 |

**OTHERS**

***Societies:***

Lithuanian Entomological Society, EurBee, COLOSS, International Society of Chemical Ecology, The Lithuanian Union of Beekeepers, Lithuanian Dark Bee Association.

**Scientific article reviews:** Ekologija, Žemdirbystė-Agriculture, Journal of Insect Conservation, Journal of Apicultural Research, Insect Conservation and Diversity, Agriculture (MDPI journal), Pathogens (MDPI journal), Scientific Reports, Chemoecology and etc.