Deividas Valiūnas

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2003	**Ph.D.,** Biomedical Sciences, Biology, Institute of Botany and Vilnius University, externally. Emphases: Phytopathology, Molecular Biology, Phylogeny, Bioinformatics. Dissertation (PhD thesis): 'Identification of phytoplasmas in Lithuania and estimation of their biodiversity and molecular evolutionary relationships'.
1997 – 1999	**Master's degree (MSc),** Biology, Vilnius Pedagogical University, Faculty of Natural Sciences, Vilnius, Lithuania, **1999**. Gymnasium teacher qualification (biology). Emphases: Virology, molecular biology. Master Thesis: Identification of Tomato ringspot virus, its biological properties and distribution in ornamental plants, Institute of Botany and Vilnius Pedagogical University.
1992 – 1997	**Bachelor's degree (BSc),** Biology and Chemistry, Vilnius Pedagogical University, Faculty of Natural Sciences, Vilnius, Lithuania, Secondary school biology and chemistry teacher qualification. State exams: biology, chemistry, psychology and pedagogy.

Languages: Lithuanian – native; English – very good; Russian – good.

PROFESSIONAL EXPERIENCE

2025 04 – until now	**Senior Researcher** State Scientific Research Institute Nature Research Centre Laboratory of Plant Physiology
2017 06 – 2025-04	**Senior Researcher** Nature Research Centre, since 2017 07 01 Laboratory of Plant Pathology
2012 06 – 2017 06	**Chief Researcher** Nature Research Centre, Phytovirus Laboratory
2011 04 – 2011 07	**Scientific Secretary** Nature Research Centre
2007 06 – 2012 06	**Senior Researcher** Institute of Botany, Phytovirus Laboratory Since 2010 Jan Nature Research Centre
2004 01 – 2007 06	**Researcher** Institute of Botany, Phytovirus Laboratory

2000 01 – 2004 01	**Junior Researcher (assistant)** Institute of Botany, Phytovirus Laboratory
1997 08 – 2000 01	**Technician** Institute of Botany, Phytovirus Laboratory

INTERNSHIPS

Oct 2004 – Oct 2005

Visiting Scientist, United States Department of Agriculture-Agricultural Research Service (USDA-ARS), Molecular Plant Pathology Laboratory (MPPL), MD 20705, Beltsville, USA

Jan 2001 – May 2001

Visiting Scientist, United States Department of Agriculture-Agricultural Research Service (USDA-ARS), Molecular Plant Pathology Laboratory (MPPL), MD 20705, Beltsville, USA

RESEARCH INTERESTS

Identification and classification of phytoplasmas (plant pathogenic unculturable *in vitro* bacteria), assessment of their biodiversity and molecular evolutionary relationships based on 16S rDNA and other genetic markers. Investigation of phytoplasmal diseases. Bioinformatics tools: LaserGene DNASTAR, Geneious Prime softwares etc. Phylogenetic analysis: ClustalX, TreeView. MegaX softwares. Other tools: pDraw, *i*PhyClassifier softwares, sequence analysis using NCBI GeneBank database. The physiological differences between healthy and phytoplasma-infected plants and the development of plant disease symptoms are of interest. **Keywords:** Phytoplasma, phylogeny, marker genes, plant diseases, plant physiology, phytoplasma vectors, bacterial microbiome, control of diseases, bacteria of class *Mollicutes,* plant viruses.

Key Achievements. Co-authored more than 63 scientific publications, including 31 articles published in Web of Science-indexed journals with an Impact Factor, 5 conference theses published in international scientific journals with an Impact Factor, and 4 articles published in Web of Science-indexed journals without an Impact Factor. Co-authored and deposited more than 150 nucleotide and amino acid sequences in the international GenBank database maintained by the *National Center for Biotechnology Information (NCBI)*. Discovered, described, and published a previously unknown novel bacterial (phytoplasma) species infecting strawberry plants, designated *'Candidatus Phytoplasma fragariae'* (Valiunas et al., 2006; EPPO Code: PHYPFG). Related strains of this phytoplasma have subsequently been identified in other regions of the world. Detected, characterized, and published several novel 16Sr phytoplasma subgroups previously unknown to science (Jomantiene et al., 2002; Valiunas et al., 2009a, b; Ivanauskas et al., 2022). In addition, a novel phytoplasma marker gene was developed, adapted and published for research purposes and is now being used by researchers worldwide (Valiunas et al., 2013). Completed two research fellowships at the Molecular Plant Pathology Laboratory in the United States. Awarded the State Scholarship for Young Scientists by the Lithuanian Ministry of Education and Science in 2008.

PUBLICATIONS

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

1. Dėlkus M., Ivanauskas A., Žižytė-Eidetienė M., **Valiūnas D.** 2026. Multilocus Molecular Characterization of '*Candidatus* Phytoplasma rubi'-Related Strains in Wild *Rubus nessensis* Hall and *Rubus idaeus* L. in Lithuania. Forests, 2026, 17(4), 493. ISSN 1999-4907, IF 2.5, CiteScore 4.6, **Q2** https://doi.org/10.3390/f17040493 WoS, Scopus

2. Tzanetakis I. E., Aknadibossian V., Špak J., et al., **Valiunas D**. et al. 2025. Streamlining Global Germplasm Exchange: Integrating Scientific Rigor and Common Sense to Exclude Phantom Agents from Regulation. Plant Disease, 109(4): 736-755. ISSN: 0191-2917 | e-ISSN: 1943-7692, **Q1,** IF: 4.4 https://doi.org/10.1094/PDIS-04-24-0745-FE WoS and Scopus
3. Dėlkus M., Lukša-Žebelovič J., Žižytė-Eidetienė M., Ivanauskas A., **Valiūnas D**., Servienė E. 2025. Comparative Analysis of Endophytic Bacterial Microbiomes in Healthy and Phytoplasma-Infected European Blueberry Plants. Forests, 16(5): 758. ISSN: 1999-4907, IF:2,4(2023), **Q2** https://doi.org/10.3390/f16050758 Wos, Scopus
4. Dėlkus M., Žižytė-Eidetienė M., Ivanauskas A., **Valiunas D**. 2025. First Report of 'Candidatus Phytoplasma trifolii'-Related Strain Associated with Vaccinium Reddish Witches'-Broom Disease of European Blueberry in Lithuania. Plant Disease, 109(3): 709. ISSN: 0191-2917 | e-ISSN: 1943-7692, **Q1**, IF:4.4 https://doi.org/10.1094/PDIS-11-24-2431-PDN Wos, Scopus
5. Dėlkus M., Žižytė-Eidetienė M., Ivanauskas A., **Valiūnas D.** 2024. First Report of Lingonberry Stunted Yellows Disease of *Vaccinium vitis-idaea* associated with '*Candidatus* Phytoplasma trifolii'-Related Phytoplasma Strain in Lithuania. Plant Disease, 108(5): 1391. ISSN: 0191-2917. e-ISSN: 1943-7692 IF: 4.5, **Q1**. https://doi.org/10.1094/PDIS-02-24-0284-PDN Wos, Scopus
6. Ivanauskas A., **Valiunas D**., Rimsaite J., Danilov J., Sneideris D., Zizyte-Eidetiene M., Wei W. 2022. New genetically distinct phytoplasmas and insect carriers associated with pine tree disease revealed by a survey in Curonian Spit, Lithuania. Canadian Journal of Forest Research, **52(2):** 201-208. IF: 1,8, **Q2** https://doi.org/10.1139/cjfr-2021-0152 Wos, Scopus
7. Marcone C.. **Valiunas D.**, Mondal S., Sundararaj R. 2021. On some significant phytoplasma diseases of forest trees: an update. Forests, **12:** 408. ISSN 1999-4907, IF: 3.282 (2019). **Q1** https://doi.org/10.3390/f12040408 Wos, Scopus
8. Sneideris, D., Ivanauskas, A., Zizyte, M. **Valiunas D.** 2021. secA gene suitability for fast and easy identification of Phytoplasmas by RFLP analysis. European Journal of Plant Pathology, **160(3):** 737-743. Electronic ISSN 1573-8469; Print ISSN 0929-1873, IF: 1.582 (2019) **Q2** https://doi.org/10.1007/s10658-021-02262-3 Wos, Scopus
9. **Valiunas D.,** Jomantiene R., IvanauskasA., Sneideris D., Zizyte-Eidetiene M., Shao J., Zhao Y., Costanzo S., Davis R. E. 2019. Rapid detection and identification of 'Candidatus Phytoplasma pini'-related strains based on genomic markers present in 16S rRNA and tuf genes. Forest Pathology, **94(6):** e12553. https://doi.org/10.1111/efp.12553 Online ISSN:1439-0329. **Q3,** IF 1.434. Wos, Scopus
10. **Valiunas D.**, Ivanauskas A., Urbanaviciene L., Sneideris D., Kricenaite J., Jomantiene R. 2017. First report of a new disease of cucumber in Lithuania: molecular genetic characterization of the associated phytoplasma and identification of a possible insect vector, *Stenocranus minutus.* Plant Disease, **101(2):** 379. http://dx.doi.org/10.1094/PDIS-09-16-1318-PDN ISSN: 0191-2917. IF 3.192. **Q1**. Wos, Scopus
11. Ivanauskas A., Urbonaite I., Jomantiene R., **Valiunas D.**, Davis R.E., 2016. First report of '*Candidatus* Phytoplasma asteris' subgroup 16SrI-A associated with a disease of potato (*Solanum tuberosum*) in Lithuania. Plant Disease, **100(1)::**207. *http://dx.doi.org/10.1094/PDIS-05-15-0575-PDN.* ISSN: 0191-2917. IF 3.192. **Q1**. Wos, Scopus
12. **Valiunas D.,** Jomantiene R., Ivanauskas A., Urbonaite I., Sneideris D., Davis R.E. 2015: Molecular identification of phytoplasmas infecting diseased pine trees in the UNESCO-protected Curonian Spit of Lithuania. Forests, **6(7):** 2469-2483; doi:10.3390/f6072469. ISSN 1999-4907. IF: 1.583. **Q2**. Wos, Scopus
13. Ivanauskas A., **Valiūnas D**., Jomantienė R., Picciau L., Davis R.E. 2014: Possible insect vectors of '*Candidatus* Phytoplasma asteris' and '*Ca*. Phytoplasma pruni'-related strains in Lithuania. Zemdirbyste-Agriculture, **101(3):** 313–320. DOI 10.13080/z-a.2014.101.040. ISSN 1392-3196. IF 0,420, **Q3.** Wos, Scopus

14. **Valiunas D.,** Jomantiene R., Davis R.E. 2013: Evaluation of the DNA-dependent RNA polymerase β-subunit gene (*rpo*B) for phytoplasma classification and phylogeny. International Journal of Systematic and Evolutionary Microbiology **63(10):**3904-3914; doi:10.1099/ijs.0.051912-0. IF 2.798. **Q2**. Wos, Scopus
15. Ivanauskas A., **Valiunas D**., Jomantiene R., Staniulis J., Alma A., Picciau L., Davis R. E. 2011: First report of potential phytoplasma vectors: *Euscelis incisus* and *Macrosteles sexnotatus* in Lithuania. - Bulletin of Insectology **64(S):** S131-S132, ISSN 1721-8861. IF 0,592. **Q3**. http://www.bulletinofinsectology.org/contents/insectology64-supplement-2011.htm Wos, Scopus
16. Jomantiene R., **Valiunas D**., Ivanauskas A., Urbanaviciene L., Staniulis J., Davis R. E. 2011: Larch is a new host for a group 16SrI, subgroup B phytoplasma in Ukraine. Bulletin of Insectology **64(S):** S101-S102, ISSN 1721-8861. IF 0,592. **Q3.** Wos, Scopus
17, Jomantiene R., Davis R. E., Lee I.-M., Zhao Y., Bottner-Parker, K., **Valiunas D.,** Petkauskaite R. 2010: Onion is host for two phytoplasma lineages, subgroups 16SrI-A and 16SrI-(B/L)L, in Lithuania: A *Hinf*I site revealed a SNP marking divergent branches of evolution. Journal of Plant Pathology. **92(2):** 461-470. ISSN: 1125-4653. IF 1,054. **Q3**. Wos, Scopus
18. **Valiunas D.,** Jomantiene R., Ivanauskas A., Abraitis R., Staniene G., Zhao Y., Davis R. E., 2009: First report of a new phytoplasma subgroup, 16SrIII-T, associated with decline disease affecting sweet and sour cherry trees in Lithuania. Plant Disease, **93(5):** 550. ISSN: 0191-2917. IF 2,121. **Q2**. https://doi.org/10.1094/PDIS-93-5-0550B Wos, Scopus
19. **Valiunas D.,** Jomantiene R., Davis R. E., 2009: Establishment of a new phytoplasma subgroup, 16SrI-Q, to accomodate a previously undescribed phytoplasma found in diseased cherry in Lithuania. – Journal of Plant Pathology, **91(1):** 71-75. ISSN: 1125-4653. IF 0,974. **Q3**. Wos, Scopus
20. **Valiūnas D.,** Jomantienė R., Davis R. E. 2007: Phytoplasmas detected in cultivated fruit plants in Lithuania. - Bulletin of Insectology, **60 (2):** 139-140. ISSN 1721-8861. IF 0,381. Q4. Wos, Scopus
21. Samuitienė M., Jomantienė R., **Valiūnas D.,** Navalinskienė M., Davis R. E. 2007: Phytoplasma strains detected in ornamental plants in Lithuania. - Bulletin of Insectology, **60 (2):** 137-138. ISSN 1721-8861. IF 0,381. Q4. Wos, Scopus
22. Urbanavičienė L., Jomantienė R., **Valiūnas D.,** Davis R. E. 2007: Molecular identification of 16SrI-A, 16SrI-B, 16SrI-C, and 16SrI-L subgroups of phytoplasmas in gramineous plants in Lithuania. - Bulletin of Insectology, **60 (2):** 127-128. ISSN 1721-8861. IF 0,381. Q4. Wos, Scopus
23. **Valiunas D.,** Samuitiene M., Rasomavicius V., Navalinskiene M., Staniulis J., Davis R. E., 2007: Subgroup 16SrIII-F phytoplasma strains in an invasive plant, *Heracleum sosnowskyi*, and an ornamental, *Dictamnus albus*. Journal of Plant Pathology, **89(1):** 137-140. ISSN: 1125-4653. IF 0,974. **Q3**. Wos, Scopus
24. **Valiunas D.,** Staniulis J., Davis R. E., 2006: '*Candidatus* Phytoplasma fragariae', a novel phytoplasma taxon discovered in yellows diseased strawberry, *Fragaria x ananassa*. - International Journal of Systematic and Evolutionary Microbiology, **56(1):** 277-281. ISSN: 1466-5026. (Online ISSN: 1466-5034). IF 2,662. **Q2**. DOI 10.1099/ijs.0.63935-0 Wos, Scopus
25. **Valiunas D.,** Alminaite A., Jomantiene R., Davis R. E. Maas, J. L., 2004: Possible cause of European blueberry disease is related to North American milkweed yellows phytoplasma. - Journal of Plant Pathology, **86(2):** 135-140. ISSN: 1125-4653. IF 0,586. **Q3**. WoS, Scopus
26. Kuisiene N., Jomantiene R., **Valiunas D.**, Chitavichius D., 2002: Characterization of thermophilic proteolytic spore-forming bacteria from a geothermal site in Lithuania based on 16S rDNA RFLP and ITS-PCR analyses – (From Russian Mikrobiologiia, **71(6):** 824-828. ISSN 0026-3656) Microbiology, **71(6):** 712-716. ISSN: 0026-2617.. IF 0,515. https://link.springer.com/content/pdf/10.1023/A:1021440208887.pdf Q4. WoS, 2 x Scopus

27. Jomantiene R., Davis R. E., **Valiunas D.**, Alminaite A., 2002: New group 16SrIII phytoplasma lineages in Lithuania exhibit rRNR interoperon sequence heterogeneity. - European Journal of Plant Pathology, **108(6)**: 507-517. ISSN: 0929-1873. IF 1,475. WoS, Scopus
28. Jomantiene R., Davis R. E., Alminaite A., **Valiunas D.**, Jasinskaite R., 2002: First report of oat as host of a phytoplasma belonging to group 16SrI, subgroup A. - Plant Disease, **86(4)**: 443. ISSN: 0191-2917. IF 1,429. https://doi.org/10.1094/PDIS.2002.86.4.443B
29. Alminaite, A., Davis R.E., **Valiunas D.**, Jomantiene R., 2002: First report of a group 16SrI, subgroup B, phytoplasma in diseased *Epilobium hirsutum* in the region of Tallin, Estonia. - Plant Disease, **86(10):** 1177. ISSN: 0191-2917. IF 1,429. https://doi.org/10.1094/PDIS.2002.86.10.1177A WoS, Scopus
30. **Valiunas D**., Alminaite A., Staniulis J., Jomantiene R., Davis R.E., 2001: First report of aster yellows-related subgroup I-A phytoplasma strains in carrot, phlox, sea-lavender, *Aconitum*, and hyacinth in Lithuania. - Plant Disease, **85(7):** 804. ISSN: 0191-2917. IF 1,163. https://doi.org/10.1094/PDIS.2001.85.7.804C
31. **Valiunas D**., Alminaite A., Staniulis J., Jomantiene R., Davis R.E., 2001: First report of alder yellows phytoplasma in the Eastern Baltic Region. - Plant Disease, **85(10):** 1120. ISSN: 0191-2917. IF 1,163. https://doi.org/10.1094/PDIS.2001.85.10.1120B

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

1. **Valiunas D.,** Jomantiene R., Staniulis J., Davis R.E. 2005. Evidence for a New Phytoplasma Taxon in Diseased Strawberry, *Fragaria x ananassa.* Phytopathology**, 95(6)**: S160. IF 2,049. https://doi.org/10.1094/PHYTO.2005.95.6.S158 https://www.webofscience.com/wos/woscc/full-record/WOS:000202991401437 WoS
2. Jomantiene R., Davis R. E., **Valiunas D.**, 2005: Phylogenetic relationships of phytoplasmas inferred from analysis of DNA-directed RNA polymerase beta subunit, RpoB. – Phytopathology, **95(6):** S169. ISSN: 0031-949X. IF 2,049. https://doi.org/10.1094/PHYTO.2005.95.6.S168 https://www.webofscience.com/wos/woscc/full-record/WOS:000202991401498 WoS.
3. **Valiunas D.,** Jomantiene R., Davis R. E., 2005: A '*Candidatus* Phytoplasma asteris'-related phytoplasma associated with cherry little leaf disease represents a new subgroup, 16SrI-Q. – Phytopathology, **95(6):** S106. ISSN: 0031-949X. IF 2,049. https://doi.org/10.1094/PHYTO.2005.95.6.S1 https://www.webofscience.com/wos/woscc/full-record/WOS:000202991401112 WoS.
4. **Valiunas D**., Alminaite A., Davis E. R., Staniulis J., Jomantiene R., 2001. Group 16SrV phytoplasma in diseased alder trees (*Alnus glutinosa*) in Lithuania. Phytopathology, **91(6)** S91. ISSN: 0031-949X. IF 2,126. https://doi.org/10.1094/PHYTO.2001.91.6.S1
5. Jomantiene R., **Valiunas D**., Davis R. E., Staniulis J., 2000. Clover phyllody and *cirsium* yellows phytoplasmas: strain diversity or species divergence?. - Phytopathology, **90(6)** S39. ISSN: 0031-949X. IF 2,145. https://doi.org/10.1094/PHYTO.2000.90.6.S1

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

1. Cicenas J., Kalyan K., Sorokinas A., Jatulyte A., **Valiunas D**., Kaupinis A., Valius M. 2014: Highlights of the Latest Advances in the Research on the CDK Inhibitors. Cancers, Special Issue "Kinases and Cancer", *6(4)*, 2224-2242; doi:10.3390/cancers6042224. ISSN 2072-6694. WoS, Scopus
2. Stanienė G., Stanys V., Vinskienė J., Abraitis R., Jomantienė R., **Valiūnas D.,** Abraitienė A. 2009: Fitoplazmomis ir viroidais infekuotos trešnės (*Prunus avium* L.) *in vitro* kultūra (*In vitro*

culture of phytoplasma- and viroid- infected sweet cherry (*Prunus avium* L.)). – Zemdirbystė-Agriculture, **96(3):** 129-140. ISSN 1392-3196. Trejų metų IF 0,232 (2008-2010 m.). WoS, Scopus

3. Urbanavičienė L., **Valiūnas D.,** Jomantienė R., 2008: Molecular identification of agents causing yellows diseases in oats (*Avena sativa* L.). Zemdirbyste-Agriculture, **95(3):** 286–292. ISSN: 1392-3196. Trejų metų IF 0,232 (2008-2010 m.). WoS, Scopus
4. **Valiunas D**., Jomantiene R., Davis R.E., Sindaraviciene I., Alminaite A., Staniulis J., 2000: Molecular detection and characterization of phytoplasmas infecting vegetables, legumes, and ornamental plants in Lithuania. - In: Development of environmentally friendly plant protection in the Baltic region; Proceedings of the International Conference; Tartu, Estonia, September 28-29, Transactions of the Estonian Agricultural University. Tartu University Press, **209:** 220-223. ISBN 9985-882-77-6. ISSN 1406-4049. https://www.webofscience.com/wos/woscc/full-record/WOS:000167245100066 ; https://www.cabidigitallibrary.org/doi/full/10.5555/20013028746 ; https://agris.fao.org/search/en/providers/122461/records/647235ce2c1d629bc978c532 WoS.

Books' chapters published by significant recognized press.

1. Marcone C., **Valiunas D.**, Salehi M., Mondal S., Sundararaj R. 2023. Phytoplasma diseases of trees (Chapter 4). In.: Asiegbu F.O., Kovalchuk A. (eds). Forest microbiology: tree diseases and pests. Vol. 3. London : Academic Press, January 2023, **Elsevier**. ISBN 9780443186943. p. 99-120. https://doi.org/10.1016/B978-0-443-18694-3.00008-0 Scopus
2. Carmine Marcone, **Deividas Valiunas**, Soma Mondal and Ramachandran Sundararaj. 2021. On Some Significant Phytoplasma Diseases of Forest Trees: An Update. In.: Salvatore Moricca and Tiziana Panzavolta (eds). Forest Pathology and Entomology. **MDPI**, 1052 Basel, Switzerland. Reprinted from: Forests 2021, 12, 408, doi:10.3390/f12040408, pp. 295-314. ISBN 978-3-0365-2659-1 (Hbk), ISBN 978-3-0365-2658-4 (PDF). https://doi.org/10.3390/books978-3-0365-2658-4 ; https://www.mdpi.com/books/pdfview/book/4776
3. de Oliveira E., **Valiūnas D.**, Jović J., Bedendo I. P., Urbanavičienė L., de Oliveira C. M. 2018. Occurrence and Epidemiological Aspects of Phytoplasmas in Cereals (Chapter 3). In: Rao G. P., Bertaccini A., Fiore N., Liefting L. W. (eds), Phytoplasmas: Plant Pathogenic Bacteria - I. Characterisation and Epidemiology of Phytoplasma - Associated Diseases. The First edition. **Springer** Nature, Singapure Pte Ltd., pp. 67-89. ISBN 978-981-13-0118-6 ISBN 978-981-13-0119-3 (eBook). https://doi.org/10.1007/978-981-13-0119-3_3 Scopus
4. **Valiunas D.,** Jomantiene R., Ivanauskas A., Sneideris D., Staniulis J., Davis R. E. 2010: A possible threat to the timber industry: '*Candidatus* Phytoplasma pini' in Scots pine (*Pinus sylvestris* L.*)* in Lithuania. Abstract book of the combined meeting of Work Groups 1-4, COST Action FA0807, Editors A. Bertaccini, A. Lavifia, E. Torres, Current status and perspectives of phytoplasma disease research and management, Sitges, Spain, February 1th and 2nd, 2010. IRTA, Page 38. ISBN-13: 978-84-692-98916 https://www.costphytoplasma.ipwgnet.org/PDF%20files/WG%20BookwithiISBN.pdf
5. **Valiunas D**., Jomantiene R., Davis R.E., Sindaraviciene I., Alminaite A., Staniulis J., 2000: Molecular detection and characterization of phytoplasmas infecting vegetables, legumes, and ornamental plants in Lithuania. - In: Development of environmentally friendly plant protection in the Baltic region; Proceedings of the International Conference; Tartu, Estonia, September 28-29, Transactions of the Estonian Agricultural University. Metspalu, L.; Mitt, S. (eds). Tartu University Press, **209:** 220-223. ISBN 9985-882-77-6. WoS

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

1. Ivanauskas A., Rimsaite J., Danilov J., Soderman G., Sneideris D., Zizyte-Eidetiene M., Wei W. **Valiunas D.** 2021.A survey of potential insect vectors of mo untain pine proliferation decline phytoplasma in Curonian Spit, Lithuania. Published: 12 November 2020 by MDPI in The 1st International Electronic Conference on Forests — Forests for a Better Future: Sustainability, Innovation, Interdisciplinarity, session Forest Genetics, Ecophysiology and Biology. Environmental Sciences Proceedings **2021**, *3*(1), 81; ISSN: 2673-4931 *https://doi.org/10.3390/IECF2020-07977*
2. **Valiunas D.,** Samuitiene M., Navalinskiene M., Davis R. E., 2008: Identification of viral and phytoplasmal agents causing diseases in *Gaillardia* Foug. plants in Lithuania. – Agronomy Research, **6(1):** 109-118. ISSN 1406-894X.
3. Bogoutdinov D. Z., **Valiunas D.,** Navalinskiene M., Samuitienė M., 2008: O vidovoj identifikacii vozbuditelej fitoplazmozov paslennyh. – Sel'skohoz. Biologija, ISSN 0131–6397, **1:** 77–80. , ISSN: 0131–6397.
4. Urbanavičienė L., **Valiūnas D.,** Jomqntienė R. 2006: Detection of aster yellows group (subgroup 16SrI-B) phytoplasma in oats based on nested PCR and RFLP in Lithuania. – Agronomy Research, **4(special issue):** 417-420. ISSN 1406-894X.
5. Urbanavičienė L., **Valiūnas D.,** Jomantienė R., 2005: Molecular detection and identification of subgroup 16SrI-L phytoplasma in ryegrass (*Lolium multiflorium*). – Phytopathologia Polonica, **35:** 121-124. ISSN:1230-0462. http://www.up.poznan.pl/~ptfit1/pdf/PP35/PP_35_16.pdf

Reviewed scientific articles, published in Lithuania:

1. Jomantienė R., **Valiūnas D.**, Kalvelytė A., Alminaite A.. 2019. *In memoriam* DR ROBERT EDWARD DAVIS. Botanica, 25(2): 202–207. ISSN 2538-8657. https://doi.org/10.2478/botlit-2019-0021
2. Žižytė-Eidetienė M., **Valiūnas D.**, 2018. IN MEMORIAM JUOZAS BENEDIKTAS STANIULIS (1938–2018). Botanica., 24(1): 101-112. ISSN 2538-8657. https://doi.org/10.2478/botlit-2018-0010
3. Jomantienė R., Ivanauskas A., **Valiūnas D.,** Urbanavičienė L., Šneideris D. 2016. Epidemics of group 16SrI-A phytoplasmas in a garden of Vilnius region in Lithuania. Botanica Lithuanica., 22(1): 16–22. ISSN 2029-932X. https://doi.org/10.1515/botlit-2016-0002 **Scopus**
4. Ivanauskas A., **Valiūnas D**., Ivinskis P., Rimšaitė J. 2014: Some data on Cicadomorpha and Fulgoromorpha (Insecta, Hemiptera) of Lithuania. New and Rare for Lithuania Insect Species, **26:** 26-30.
5 **Valiūnas D**., Urbanavičienė L., Jomantienė R.,Davis R.E. 2007: Molecular detection, classification, and phylogenetic analysis of subgroup 16SrI-C phytoplasmas detected in diseased *Poa* and *Festuca* in Lithuania. – Biologija, **53(2):** 36-39. ISSN 1392-0146. https://lmaleidykla.lt/ojs/index.php/biologija/article/view/733
6. Urbanavičienė L., Jomantienė R., **Valiūnas D.,** Jaciunskas K., 2007: Varpinius augalus pažeidžiančių fitoplazmų identifikavimas ir klasifikacija. – Lietuvos biologinė įvairovė (būklė, struktūra, apsauga), VPU, **2:** 112-118. ISSN 1822-2781.
7. Urbanavičienė L., **Valiūnas D.** 2006: Identification of aster yellows group (subgroup 16SrI-C) phytoplasma in *Festuca arundinacea* Schreb. based on PCR and RFLP methods. - Botanica Lithuanica, **12(2):** 121-125. ISSN 1392-1665.
8. Urbanavičienė L., Jomantienė R., **Valiūnas D.,** Davis R. E., 2004: Molecular detection of phytoplasmas in oats, barley, and *Triticosecale* and their classification based on 16S rRNA gene polymorphisms. – Žemės ūkio mokslai, **3:** 15-19. ISSN 1392-0200.
9. **Valiūnas D.,** Jomantienė R., Davis R. E., 2004: Identification of subgroup 16SrI-B phytoplasma from naturally infected pear in Lithuania. - Sodininkystė ir daržininkystė, mokslo darbai. **23(4):** 29-36. ISSN 0236-4212.
10. Samuitienė M., Zitikaitė I., Navalinskienė M., **Valiūnas D**., 2003: Identification of *tomato ringspot nepovirus* by RT-PCR. – Biologija, **4:** 39-42. ISSN 1392-0146.
11. **Valiūnas D**., Jomantienė R., 2003: Identification of subgroup 16SrI-M phytoplasma from naturally infected garden onion. – Sodininkystė ir daržininkystė, mokslo darbai, **22(3):** 235-242. ISSN 0236-4212.

12. **Valiūnas D.,** 2003: Identification of phytoplasmas in Lithuania and estimation of their biodiversity and molecular evolutionary relationships. – Botanica Lithuanica, **9(3):** 305-306. ISSN 1392-1665.
13. Alminaitė A., **Valiunas D**., Navalinskiene M., Staniulis J., Jomantiene R., 2001: *Hyacinthus orientalis* is the host for a new phytoplasma, exhibiting ribosomal interoperon sequence heterogeneity. – Biologija, **4:** 37-39. ISSN 1392-0146.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2024 – 2028 **The representative of Lithuania COST Action Management Committee, and one of the Proposers, and member of Working Groups 1, 4, and 5.**
COST Action CA23107, Network for Evidence Synthesis in The Agri-Food Sector (EU-NESA), nominated as MC Member on 2024-07, Science Council of Lithuania coordinates COST Actions.

2021 – 2025 **Member of Working groups 1 and 2.** COST Action CA20113, "A sound proteome for a sound body: targeting proteolysis for proteome remodeling (ProteoCure)". Second MC Marija Žižytė-Eidetienė, substitute Algirdas Ivanauskas, other investigators: Deividas Valiūnas (member of Working groups 1 and 2), Martynas Dėlkus.

2022 – 2026 **The representative of Lithuania** COST Action Management Committee and member of **Working Group 3**.
COST Action CA21134, Towards zer0 Pesticide AGRIculture: European Network for sustainability (T0P-AGRI-Network), nominated as MC Member CA21134 LT on 2023-03-08 08, International action. Science Council of Lithuania coordinates COST Actions.

2013 – 2015 **Principal investigator**
The Research Council of Lithuania support, Groups of scientist's project, Reg. Nr. MIP-13287, MIP-51/2013. "Molecular identification of conifer pathogens from UNESCO-protected Curonian Spit", contract Number: MIP-51/2013, amount of support 341 000 LTL (98 760 Euro).

2011 – 2012 **Primary implementer**
The Research Council of Lithuania support, Groups of scientist's project, MIP-11070, Characterization of phospholipases as potencial factors of phytoplasma pathogenicity, contract Number. MIP-062/2011, head dr. Rasa Jomantienė, amount of support 180 000 LTL.

2009 - 2013 **The representative of Lithuania** COST Action Management Committee
COST Action FA0807, Integrated Management of Phytoplasma Epidemics in Different Crop Systems. International action**. Support: Science and Technology Agency (2009 support 9000 LTL, contract number NR.31V-216 (dr. D. Valiūnas**)); from 2010 Science Council of Lithuania coordinates COST Actions.

2007 - 2009 **Primary implementer**
N-07010; N-15/2007-2009. Project on Development of the Industrial Biotechnology in Lithuania 2007-2010; 'Detection and Elimination of Viroids and Phytoplasmas from Horticultural Crops Used in Industrial Biotechnology'. 180 000 LTL. Lithuanian State Science and Studies Foundation.

2006 **Principal investigator**
T-51/06, Groups of scientists project: ‚Molecular investigation of viruses and phytoplasmas associated with cultivated plants of *Poaceae* family', 30 000 LTL. Supported by Lithuanian State Science and Studies Foundation.

2002 - 2004 **Primary implementer**
K-057, „Diversity and phylogenetic relationships of *Mollicutes* and thermophilic *Bacillus"*, 173 700 LTL. Lithuanian State Science and Studies Foundation.

2001 - 2003 **Primary implementer**
K-036. „*Specific ecological niches microorganisms diversity*, communication, and *evaluation of the potential of biotechnology*“, Head dr. Alė Kučinskienė, Institute of Botany Hydrobotany Laboratory, 180 000 LTL. Lithuanian State Science and Studies Foundation.

1998 - 2012 **Primary implementer**
Specific Cooperative Agreement (SCA), **US**, USDA-ARS Molecular Plant Pathology Laboratory (Research leader Robert E. Davis) and **LT**, Institute of Botany (from 2010, Nature Research Centre) Phytovirus Laboratory, “Genome based markers for detecting plant pathogenic phytoplasmas”, Project number: 1275-22000-246-04S. Responsible investigator (head) Rasa Jomantienė, amount of support >200 000 U.S. dollars.

TRAINING

2001 Chemical Waste Management Training Course – USDA-ARS, Beltsville, USA

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. Lukša-Žebelovič J., Dėlkus M., Žižytė-Eidetienė M., Ivanauskas A., **Valiūnas D**., Servienė E. Phytoplasma-driven shifts in the endophytic bacterial communities of European blueberry plants. 2nd Annual Conference of the MiCropBiomes COST Action. June 17-18, 2025, Limassol, Cyprus. Poster presentation by Juliana Lukša-Žebelovič. https://micropbiomes.eu/2nd-annual-conference-on-plant-microbiomes-in-lemesos-cyprus-from-17-to-19-june-2025
2. Dėlkus M., Mikalauskas A., Žižytė M., Ivanauskas A., **Valiūnas D**. 2024. Detection of Lingonberry Stunted Yellows Disease associated with *'Candidatus* Phytoplasma trifolii' in the natural habitat of Lithuania. In International Conference of Life Sciences "The COINS 2024", Vilnius University, April 15-18, Conference https://thecoins.eu/posters/about; Books of Abstracts Page 105 https://thecoins.eu/about/past, Biology and Ecology section, Poster presentation E26 by Augustas Mikalauskas
3. Dėlkus M., Žižytė-Eidetienė M., **Valiūnas D**. 2023. ‘*Candidatus* phytoplasma rubi’ detection in blackberries (*Rubus plicatus*) and raspberries (*Rubus idaeus*) in Lithuania. – X International Conference „Bioresources and Viruses“, 11-13 September, Kyiv, Ukraine. Book of Abstracts: 64. https://global-uploads.webflow.com/638e14438e3336e28f604839/64f98c528caea04829368494_ICBV_2023_Book_abstracts_.pdf
4. Ivanauskas A., Rimsaite J., Danilov J., Soderman G., Sneideris D., Zizyte-Eidetiene M., Wei W. **Valiunas D.** 2020. A survey of potential insect vectors of mo untain pine proliferation decline phytoplasma in Curonian Spit, Lithuania. Published: 12 November 2020 by MDPI in The 1st International Electronic Conference on Forests — Forests for a Better Future: Sustainability, Innovation, Interdisciplinarity, session Forest Genetics, Ecophysiology and Biology. Environmental Sciences Proceedings **2021**, *3*(1), 81; ISSN: 2673-4931 *https://doi.org/10.3390/IECF2020-07977* https://sciforum.net/manuscripts/7977/manuscript.pdf; Presentation slides https://sciforum.net/manuscripts/7977/slides.pdf

5. **Valiunas, D.** Jomantiene, R. Ivanauskas, A., Urbonaite, I., Davis, R. E. Molecular identification of pine tree-infecting phytoplasmas from the UNESCO-protected Curonian Spit in Lithuania. In Joint IUFRO Working Party Meetings, Swedish University of Agricultural Sciences, Uppsala, Sweden, 7-12 June, **2015**, Page 89. Poster presentation. *http://www.iufro.org/science/divisions/division-7/70000/70200/70202/activities*
6. Ivanauskas A., **Valiunas D.**, Jomantiene R., Staniulis J., Alma A., Picciau L., Davis R. E. 2011: First report of potential phytoplasma vectors: *Euscelis incisus* and *Macrosteles sexnotatus* in Lithuania. - *Second International Phytoplasmologist Working Group Meeting*. Neustadt/Weinstrasse, Germany, 12-16 September 2011. Oral presentation. http://www.ipwgnet.org/index.php?option=com_content&view=article&id=38&Itemid=33
7. Jomantiene R., **Valiunas D.,** Ivanauskas A., Urbanaviciene L., Staniulis J., Davis R. E. 2011: Larch is a new host for a group 16SrI, subgroup B phytoplasma in Ukraine. *Second International Phytoplasmologist Working Group Meeting*. Neustadt/Weinstrasse, Germany, 12-16 September 2011.
8. **D. Valiunas,** R. Jomantiene, A. Ivanauskas, D. Sneideris, J. Staniulis, R.E. Davis. 2010: A possible threat to the timber industry: '*Candidatus* Phytoplasma pini' in Scots pine (*Pinus sylvestris* L.*)* in Lithuania. Abstract book of the combined meeting of Work Groups 1-4, COST Action FA0807, Editors A. Bertaccini, A. Lavifia, E. Torres, Current status and perspectives of phytoplasma disease research and management, Sitges, Spain, February 1th and 2nd, 2010. Page 38. ISBN-13: 978-84-692-98916 Oral presentation.
http://www.costphytoplasma.ipwgnet.org/PDF%20files/Talks%20Sitges/VALIUNAS%20WG1%20cost%20PINUS%202010.pdf
http://www.ipwgnet.org/index.php?option=com_content&view=article&id=38&Itemid=33
9. **Valiunas D.,** Jomantiene R., Staniulis J., Davis R. E., 2009: 16SrI-B phytoplasma infections in plum and in sour cherry in Lithuania. 21st International Conference on Virus and Other Graft Transmissible of Fruit Crops. July 5 – 10, 2009, Neustadt, Germany. Abstract. P 81. ISSN 1866-590X. Poster presentation.
10. **Valiūnas D.,** Jomantienė R., Davis R. E., 2007. Phytoplasmas detected in cultivated fruit plants in Lithuania. http://www.phytoplasma-vector.com/meeting.htm *First International Phytoplasmologist Working Group Meeting,* Bologna, Italy, 12-15 November 2007. Poster and oral presentation.
11. Samuitienė M., Jomantienė R., **Valiūnas D.,** Navalinskienė M., Davis R. E., 2007: Phytoplasma strains detected in ornamental plants in Lithuania. http://www.phytoplasma-vector.com/meeting.htm *First International Phytoplasmologist Working Group Meeting,* Bologna, Italy, 12-15 November 2007.
12. Urbanavičienė L., Jomantienė R., **Valiūnas D.,** Davis R. E. 2007: Molecular identification of 16SrI-A, 16SrI-B, 16SrI-C, and 16SrI-L subgroups of phytoplasmas in gramineous plants in Lithuania. http://www.phytoplasma-vector.com/meeting.htm *First International Phytoplasmologist Working Group Meeting,* Bologna, Italy, 12-15 November 2007.
13. Urbanavičienė L., **Valiūnas D.,** Jomqntienė R. 2006: Detection of aster yellows group (subgroup 16SrI-B) phytoplasma in oats based on nested PCR and RFLP in Lithuania. – International conference, Development of environmentally friendly plant protection, Puhajarve, Estonia, 5-7-09-2006, Programme and Abstracts, p. 51. Poster presentation (participated D. Valiunas).
14. Bogoutdinov D. Z., **Valiunas D.,** Navalinskiene M., Samuitiene M., 2005: K etiologii fitoplazmozov paslienovykh v Rosii. – V kn. „Vtoroj vserosijskij s'ezd po zashchite rastenij. S.-P., 5-10 dekabria 2005. Fitosanitarnoe ozdorovlenie ekosistem". – Materialy s'ezda, tom I, s. 140-143.
15. **Valiunas D.,** Jomantiene R., Davis R. E., 2005: A '*Candidatus* Phytoplasma asteris'-related phytoplasma associated with cherry little leaf disease represents a new subgroup, 16SrI-Q. – 2005 APS Annual Meeting July 30 – August 3 Austin, Texas, USA, Poster presentation.

16. Urbanavičienė L. Jomantienė R., **Valiūnas D.**, Davis R. E., 2005: Molecular identification of phytoplasmas occuring in gramineous plants in Lithuania (Varpiniuose augaluose paplitusių fitoplazmų molekulinis identifikavimas Lietuvoje). – XIII pasaulio lietuvių mokslo ir kūrybos simpoziumas, Tezių rinkinys, Vilnius, 2005 m. birželio 30 d. – liepos 4 d., p. 137. ISBN 9955-9789-0-2.
17. **Valiunas D.,** Jomantiene R., Staniulis J., Davis R. E., 2005: Evidence for a New Phytoplasma Taxon in Diseased Strawberry, *Fragaria x ananassa.* American Phytopathological Society, Potomac Division, Ocean City, MD, USA, March 16th – 18th, 2005, Publication no. P-2005-0037-PTA, On line, *http://www.filebox.vt.edu/users/abaudoin/potomac/2005OceanCityArchive.htm* *http://www.apsnet.org/members/div/potomac/pdfs/2005FinalMtgProgram.pdf* Oral presentation.
18. Jomantiene R., Davis R. E., **Valiunas D.,** 2004: Phylogenetic relationships of phytoplasmas inferred from analysis of DNA-directed RNA polymerase beta subunit, RpoB. –APS 2004 Northeastern Division Meeting Abstracts, October 6-8, 2004 – State College, Pensylvania. Online http://www.apsnet.org/meetings/div/ne04abs.asp
19. Urbanavičienė L., Jomantienė R., **Valiūnas D.,** 2004: Molecular detection and identification of subgroup 16SrI-L phytoplasma in ryegrass (*Lolium* L.). - Improvement and unification of plant disease diagnostics, August 30th – September 1st, 2004, Research Institute of Pomology and Floriculture, Skierniewice, Poland, Book of Abstracts, p. 61. Poster presentation (participated D. Valiunas).
20. **Valiūnas D.**, Jomantienė R., 2003: Identification of subgroup 16SrI-M phytoplasma from naturally infected garden onion. Scientific works of the Lithuanian Institute of Horticulture and Lithuanian University of Agriculture. Horticulture and vegetable growing, Progress of plant protection in current horticulture: theoretical and applied aspects 2003 09 10-12, Babtai, Lithuanian Institute of Horticulture, Sodininkystė ir daržininkystė, mosklo darbai, **22(3):** 235-242. ISSN 0236-4212, Poster presentation.
21. Jomantiene R., Davis R. E., Alminaite A., Staniulis J., **Valiunas D.,** 2002: Ribosomal RNA interoperon sequence heterogeneity in new phytoplasma lineages infecting oak, campion, thistle, and dandelion. – American Phytopathological Society, Potomac Division Meeting Abstracts, March 4-6, 2002, Williamsburg, Virginia, posted online https://www.apsnet.org/members/community/divisions/pot/meetings/Pages/2002MeetingAbstracts.aspx
22. **Valiunas D.**, Alminaite A., Davis R. E., Maas J. L., Jomantiene R., 2002: Molecular evidence for the presence of a milkweed yellows-related phytoplasma in blueberry. - In.: Book of Abstracts. Disease Resistance in Plant Pathology. 6th Conference of European Foundation for Plant Pathology. – Prague, Czech Republic, 8-14 September 2002: 56. Poster presentation.
23. **Valiunas D**., Alminaite A., Davis E. R., Staniulis J., Jomantiene R., 2001 Group 16SrV phytoplasma in diseased alder trees (*Alnus glutinosa*) in Lithuania. –Abstract of Joint Meeting of APS, MSA, and SON, 2001 08 25-29, Salt Lake City, Utah, USA. Poster presentation.
24. **Valiunas D**., Jomantiene R., Davis R.E., Sindaraviciene I., Alminaite A., Staniulis J., 2000: Molecular detection and characterization of phytoplasmas infecting vegetables, legumes, and ornamental plants in Lithuania. - In: Development of environmentally friendly plant protection in the Baltic region; Proceedings of the International Conference; Tartu, Estonia, September 28-29, Transactions of the Estonian Agricultural University. Tartu University Press, **209:** 220-223. ISBN 9985-882-77-6. ISSN 1406-4049. Poster presentation.
25. Jomantiene R., Davis R. E., **Valiunas D.**, Staniulis J., 2000. Diversity and phylogenetic relationships of phytoplasmas affecting plants in Lithuania. In.: Book of Abstracts. Biodiversity in Plant Pathology. 5th Congress of the European Foundation for Plant Pathology: 49. – Taormina – Giardini Naxos, Italy. September 18

http://poke.ijs.si/ResultPublicationDetails.aspx?ResultPublicationId=d795294e46e94189b9068b8be3ea1c16&SourceDatabaseId=9cc5f422c50f42eba55b8f82da45986f

26. Jomantiene R., **Valiunas D**., Davis R. E., and Staniulis J., 2000. Clover Phyllody and *Cirsium* Yellows Phytoplasmas: Strain Diversity or Species Divergence?. - Annual APS Meeting. USA.

National scientific conferences:

1. Dėlkus M., Žižytė-Eidetienė N., Ivanauskas A., **Valiūnas D.** 2024. Fitoplazmų įvairovė ir paplitimas Lietuvos uoginiuose augaluose. 17-oji Lietuvos jaunųjų mokslininkų konferencija „Bioateitis: gamtos ir gyvybės mokslų perspektyvos“, https://gamtostyrimai.lt/wp-content/uploads/2024/11/2024-11-21-konferencijos-BIOATEITIS-pranesimu-tezes.pdf
2. Dėlkus M., **Valiūnas D**., Žižytė-Eidetienė M., Ivanauskas A. 2023. Fitoplazminių infekcijų uoginiuose augaluose plitimo keliai ir kontrolės būdai. Kaip išvengti pesticidų?, Herbologija 2023: piktžolių ekologija ir kontrolė, mokslinė konferencija, Lietuvos herbologų draugija, VDU Žemės ūkio akademija, 2023. p. 27-30. ISBN 978-609-449-116-0. https://zua.vdu.lt/wp-content/uploads/2023/03/Herbologu-konferencijos-2023-03-21_1-1.pdf
3. **Valiūnas D.,** Jomantienė R. 2010: COST veikla FA0807: Fitoplazmų epidemijų įvairiose kultūrinių augalų sistemose integruotas tyrimas. COST informacinė diena – seminaras, Botanikos institutas, Vilnius, 2010-12-07. Oral presentation.
4. **Valiūnas D.,** Jomantienė R. 2009: COST veikla FA0807: Fitoplazmų epidemijų įvairiose kultūrinių augalų sistemose integruotas tyrimas. COST informacinė diena – seminaras, Botanikos institutas, Vilnius, 2009-10-28. Oral presentation.
5. **Valiūnas D.,** 2009: Lietuvos soduose aptiktos fitoplazmos ir jų identifikavimas molekulinės biologijos metodais., Mokslinė konferencija: Augalai – žaliava pramoninei biotechnologijai. Babtai, birželio 30 d., 2009. Oral presentation.
6. Urbanavičienė L., Jomantienė R., **Valiūnas D.,** Jaciunskas K., 2007: Varpinius augalus pažeidžiančių fitoplazmų identifikavimas ir klasifikacija. – Lietuvos biologinė įvairovė (būklė, struktūra, apsauga), VPU, 2: 112-118. Šalies mokslinė konferencija 2007 11 21. ISSN 1822-2781.
7. Urbanavičienė L., **Valiūnas D.** 2006: Astrų geltos grupės (16SrI-C pogrupio) fitoplazmos, pažeidžiančios *Festuca arundinacea* Schreb. augalus, identifikavimas PGR ir RFLP metodais. - Lietuvos biochemikų draugijos IX suvažiavimas-konferencija, Biochemija: mokslas ir žinių visuomenė, 2006-06-16-18 d., Tolieja (Molėtų raj.), Pranešimų tezės, Kaunas : Vytauto Didžiojo universitetas, 2006: 79-80. Poster presentation (participated D. Valiūnas).
8. Alminaitė A., **Valiūnas D**., Jomantienė R., 2001: Naktižiedžių geltligės fitoplazmos identifikavimas ir paplitimas Lietuvoje. Identification and distribution of Silene yellows phytoplasma in Lithuania. – In.: Lietuvos jaunųjų botanikų darbai. Trečiosios mokslinės konferencijos pranešimų tezės. Proceedings of the Lithuanian Young Botanists. Abstracts of the Third Scientific Conference: 49-50. – Vilnius, Botanikos instituto leidykla.
9. **Valiūnas D**., Alminaitė A., Jomantienė R., Staniulis J., 2001: Medžius žudančios fitoplazmos. Tree injuring phytoplasmas. – In.: Lietuvos jaunųjų botanikų darbai. Trečiosios mokslinės konferencijos pranešimų tezės. Proceedings of the Lithuanian Young Botanists. Abstracts of the Third Scientific Conference: 76-78. – Vilnius, Botanikos instituto leidykla. Oral presentation.
10. **Valiūnas D**., 1999: Pomidorų žiediškosios dėmėtligės viruso identifikavimas ir paplitimas dekoratyviniuose augaluose. The identification of tomato ringspot virus and its distribution in ornamental plants. – In.: Lietuvos jaunųjų botanikų darbai. Antrosios mokslinės konferencijos pranešimų tezės. Proseedings of the Lithuanian Yong Botanists. Abstracts of the Second Scientific Conference: 1999. balandžio 27-28 d. 98-99. – Botanikos instituto leidykla, Vilnius. Oral presentation.

PARTICIPATION IN THE STUDY PROCESS

Supervision of PhD students:

Natural Sciences (N000). *Biology* (N010)

Martynas Dėlkus	Topic of PhD thesis: 'Phytoplasmas of Berry Plants and Their Endophytic Bacterial Microbiota'. Defenced on July 31, 2026.	2021-10-01 - 2025-09-31
Algirdas Ivanauskas	Topic of PhD thesis: ‚Phytoplasmal diseases and their vectors in Lithuania '. Defenced on June 17, 2014.	2009-10-01 – 2013 10

Member of PhD thesis defense Doctoral Committee*:*
Ramunė Stanevičienė 2023-12-20
Iglė Vepštaitė-Monstavičė 2021-12-10;
Sigitas Šulčius 2013-06-28.
Genovaitė Marija Žižytė 2010-06-22;
Vilma Meškauskienė 2010-11-30;

A member of the **doctoral examination committee** of Ph.D. student Juliana Lukša, "Experimental Biology", 2013 September 24.
Doctoral "Research methodology" **examination committee** member, doctoral student Agnė Baranauskaitė, 2022 January 11.

Member of the Doctoral Commission of the Science of Biology of the Nature Research Centre, Vilnius, Lithuania 2013 – 2022 years.

Election of the best 2020 PhD thesis in Lithuania, - Lithuanian Union of Young Scientists. Certificate No. D/21-56.

Supervision of bachelor and master students:
Algirdas Ivanauskas (2007 and 2009 years), Raimonda Petkauskaitė (2009 and 2010 years), Jūratė Kričėnaitė (2015-2016 years), Justina Lopataitė (2015-2016 years), Kristina Skiudulaitė (2016-2018 years), Martynas Dėlkus (2018-2021 years) etc.

OTHERS

1. **Expert activity (1)** Lithuanian Science Council, database of experts, since 2023 September 6 and Applications were **evaluated in 2024, 2025, 2026 years**, https://lmt.lrv.lt/en/science-policy-implementation/work-as-an-expert **(2)** European Commission, expert database, number EX2024D919729 since 2024 January 18 https://ec.europa.eu/research/participants/experts (3) Lithuanian Young Scientists Union, the best of 2020 year dissertation election, 2021 Year
2. There was identified and described **a new** for science unculturable **phytoplasma species** '*Candidatus* Phytoplasma fragariae' in 2006 Year.

https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=338604 and EPPO Code: PHYPFG https://gd.eppo.int/taxon/PHYPFG (in EPPO Global Database https://gd.eppo.int)

3. There were identified and described several **new** for science **16Sr phytoplasma subgroups** (see list of publications).
4. 2008-year State **scholarship (award)** of Lithuanian junior scientist. Lithuanian ministry of education and science.
5. **Project applications** submitted to Research Council of Lithuania, **eligible for funding**, but not funded due to the competition (head D. Valiūnas): research groups (2019, 2020, 2021, 2022); Lithuanian-Ukrainian bilateral cooperation program 2023.

6. **Sequences deposited** in the GenBank database, more than 157 (NCBI www.ncbi.nlm.nih.gov) https://www.ncbi.nlm.nih.gov/nuccore/?term=valiunas+d
7. **Reviewed scientific articles** in journals:: Biologija, Botanica Lithuanica, Journal of Phytopathology, International Journal of Biodiversity and Conservation, Plant Disease, Žemdirbystė-Agriculture, European Journal of Plant Pathology, Australasian Plant Pathology, International Journal of Systematic and Evolutionary Microbiology, Phytopathologia Mediterranea, Forest Pathology, Plant Health Progress, Canadian Journal of Plant Pathology, TROPICAL Plant Pathology, Plants, etc. https://www.webofscience.com/wos/author/record/387771 and https://orcid.org/0000-0001-7625-3766
8. **Senior editor** of journal Australasian Plant Pathology https://www.springer.com/journal/13313 – 2013 year.
9. **Guest editor** of Forests journal https://www.mdpi.com/journal/forests Special Issue „Forest Plant Disease Diagnostics and Management Innovation„ https://www.mdpi.com/journal/forests/special_issues/N4DSHY9W12 2026.
10. **Guest editor** of Forests journal https://www.mdpi.com/journal/forests Special Issue "Recent Scientific Developments in Forest Pathology" https://www.mdpi.com/journal/forests/special_issues/QQV7T8Q7GY, 2023-2025.
11. **Guest editor** of Forests journal https://www.mdpi.com/journal/forests Special Issue "Biology, Diagnosis and Management of Forest Phytoplasmas": https://www.mdpi.com/journal/forests/special_issues/Forest_Phytoplasmas 2022-2023.
12. Member of Australasian Plant Pathology Society (APPS). Member of Lithuanian Microbiologist Society. Member of the Lithuanian Society of Plant Physiologists, member of American Phytopathological Society (APS).

Publications for general public in Lithuania:

1. Marija Žižytė-Eidetienė, Martynas Dėlkus, Algirdas Ivanauskas, **Deividas Valiūnas.** 2026. Ar žinojote, kad puansetija slepia mokslinę paslaptį? Ūkininko patarėjas, 2026-04-12. https://ukininkopatarejas.lt/naujienos/ar-zinojote-kad-puansetija-slepia-moksline-paslapti/
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