

## Publications

### Gunārs Lācis

#### Monographs:

1. **Lācis G.**, 2015. Application of biotechnological methods in fruit plant breeding. L. Ikase (Ed.) Fruit growing, Latvia State Institute of Fruit-Growing, Dobeles, 100 – 109. pp. (in Latvian)
2. **Lācis G.**, 2010. Characterisation of the Latvian and Swedish Sweet and Sour Cherry Genetic Resources. Acta Universitatis Agriculturae Sueciae, Doctoral Thesis, No. 2010:89 (<http://diss-epsilon.slu.se:8080/archive/00002393/> )

#### Publications indexed in the Web of Science and / or Scopus databases:

1. Górnas P., Rudzińska M., Grygier A., **Lācis G.** 2019. Diversity of oil yield, fatty acids, tocopherols, tocotrienols, and sterols in the seeds of 19 interspecific grapes crosses. Journal of the Science of Food and Agriculture, 99 (5), 2078-2087. 10.1002/jsfa.9400
2. Hjeltnes S.H., Giovannini D., Blouin M., Benedikova D., Drogoudi P., Hofer M., **Lācis G.**, Ognjanov V., Lateur M., Engels J.M., Maggioni L., 2017. PRUNDOC – a project to define accessions for the European Collection. Acta Hort. 1175. 19-23. DOI: 10.17660/ActaHortic.2017.1175.5
3. **Lācis G.**, Kota-Dombrovska I., Bartulsons T. 2017. Genetic structure of cultivated Latvian sea buckthorn (*Hippophaë rhamnoides* L.) germplasm revealed by molecular markers. Acta Hort. 1172, 205-212. DOI: 10.17660/ActaHortic.2017.1172.39 <https://doi.org/10.17660/ActaHortic.2017.1172.39>
4. **Lācis G.**, Kota-Dombrovska I., Strautiņa S. 2017. Evaluation of red raspberry cultivars used for breeding and commercial growing in the Baltic region. Proceedings of the Latvian Academy of Sciences. Section B: Natural, Exact and Applied Sciences, 71(3), 203–210. DOI: 10.1515/prolas-2017-0034
5. Vēsmiņš G., Ruisa S., **Lācis G.** 2016. Grape genetic resources and breeding in Latvia. Acta Hort. 1139, 117-122. DOI: 10.17660/ActaHortic.2016.1139.21 ([http://www.actahort.org/books/1139/1139\\_21.htm](http://www.actahort.org/books/1139/1139_21.htm) )
6. **Lācis G.**, Lāce B., Blukmanis M. 2015. Evaluation of the susceptibility of pear cultivars to scab (*Venturia pirina* Aderh.). Acta Horticulturae, 1099: 741-747. DOI: 10.17660/ActaHortic.2015.1099.92 (<http://dx.doi.org/10.17660/ActaHortic.2015.1099.92> )
7. Lāce B., **Lācis G.**, Blukmanis M., 2015. Average fruit weight variability of pear cultivars under growing conditions of Latvia. Acta Horticulturae, 1094, 189-195 DOI: 10.17660/ActaHortic.2015.1094.24 (<http://dx.doi.org/10.17660/ActaHortic.2015.1094.24> )
8. Lāce B., **Lācis G.** 2015. Evaluation of pear (*Pyrus communis* L.) cultivars in Latvia. Horticultural Science, 42(3), 107–113. (<http://www.agriculturejournals.cz/publicFiles/159483.pdf> )
9. Górnas P., Mišina I., Grāvīte I., **Lācis G.**, Radenkovs V., Olšteine A., Segliņa D., Kaufmane E., Rubauskis E. 2015. Composition of tocopherols in the kernels recovered from plum pits: the impact of the varieties and species on the potential utility value for industrial application. European Food Research and Technology,

- 241(4), 513–520. DOI: 10.1007/s00217-015-2480-4  
(<http://link.springer.com/article/10.1007/s00217-015-2480-4> )
10. Górnas P., Mišina I., Olšteine A., Krasnova I., Pugajeva I., **Lācis G.**, Siger A., Michalak M., Soliven A., Segliņa D. 2015. Phenolic compounds in different fruit parts of crab apple: Dihydrochalcones as promising quality markers of industrial apple pomace by-products. *Industrial Crops and Products*, 74, 607–612.  
(<http://www.sciencedirect.com/science/article/pii/S0926669015301114> )
  11. Górnas P., Mišina I., Lāce B., **Lācis G.**, Segliņa D. 2015. Tocochromanols composition in seeds recovered from different pear cultivars: RP-HPLC/FLD and RP-UPLC-ESI/MSn study. *LWT - Food Science and Technology*, 62(1), 104–107.  
doi:10.1016/j.lwt.2015.01.025  
(<http://www.sciencedirect.com/science/article/pii/S0023643815000419> )
  12. Górnas P., Mišina I., Ruisa S., Rubauskis E., **Lācis G.**, Segliņa D., 2014. Composition of tocochromanols in kernels recovered from different sweet cherry (*Prunus avium* L.) cultivars: RP-HPLC/FLD and RP-UPLC-ESI/MSn study. *European Food Research and Technology*, 240(3), 663–667. DOI: 10.1007/s00217-014-2382-x  
(<http://link.springer.com/article/10.1007/s00217-014-2382-x> )
  13. Samsone I., Moročko-Bičevska I., Sokolova O., **Lācis G.** 2014. Resistance of strawberry to root rot and petiole blight caused by *Gnomonia fragariae*. *Acta Horticulturae*, 1049, 661-668.  
([http://www.actahort.org/books/1049/1049\\_102.htm](http://www.actahort.org/books/1049/1049_102.htm) )
  14. **Lācis G.**, Kota-Dombrovska I., 2014. Assessment of genetic diversity of Latvian sea buckthorn (*Hippophae rhamnoides* L.) germplasm using molecular markers. *Zemdirbyste-Agriculture*, 101(3), 333–340. DOI 10.13080/z-a.2014.101.043  
([http://www.zemdirbyste-agriculture.lt/1013\\_str43/](http://www.zemdirbyste-agriculture.lt/1013_str43/) )
  15. Górnas P., Segliņa D., **Lācis G.**, Pugajeva I., 2014. Dessert and crab apple seeds as a promising and rich source of all four homologues of tocopherol ( $\alpha$ ,  $\beta$ ,  $\gamma$  and  $\delta$ ). *LWT - Food Science and Technology*, 59(1), 211-214.  
(<http://www.sciencedirect.com/science/article/pii/S0023643814002758> )
  16. Górnas P., Siger A., Juhņeviča K., **Lācis G.**, Šnē E., Segliņa D., 2014. Cold-pressed Japanese quince (*Chaenomeles japonica* (Thunb.) Lindl. ex Spach) seed oil as a rich source of  $\alpha$ -tocopherol, carotenoids and phenolics: A comparison of the composition and antioxidant activity with nine other plant oils. *European Journal of Lipid Science and Technology*, 116(5), 563-570.  
(<http://onlinelibrary.wiley.com/doi/10.1002/ejlt.201300425/abstract> )
  17. Kaufmane E., Skrīvele M., Rubauskis E., Strautiņa S., Ikase L., **Lācis G.**, Segliņa F., Moročko-Bičevska I., Ruisa S., Priekule I., 2013. Development of fruit science in Latvia. Proceedings of the Latvian Academy of Sciences. Section B: Natural, Exact and Applied Sciences, 67(2), 71–83.  
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  18. **Lācis G.**, 2013. Characterisation of Latvian fruit crop genetic resources by application of molecular genetics methods. Proceedings of the Latvian Academy of Sciences. Section B: Natural, Exact and Applied Sciences, 67(2), 84–93.  
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  19. Kota-Dombrovska I., **Lācis G.**, 2013. Evaluation of self-incompatibility locus diversity of domestic plum (*Prunus domestica* L.) using DNA-based S-genotyping. Proceedings of the Latvian Academy of Sciences. Section B: Natural, Exact and Applied Sciences, 67(2), 109–115. (<http://www.degruyter.com/view/j/prolas.2013.67.issue-2/prolas-2013-0017/prolas-2013-0017.xml?format=INT> )

20. Kota I. and **Lācis G.** 2013. Evaluation of genetic diversity in plum germplasm collection using DNA-based S-genotyping. *Acta Horticulturae*, 985, 35-42. ([http://www.actahort.org/books/985/985\\_3.htm](http://www.actahort.org/books/985/985_3.htm) )
21. Ikase L. and **Lācis G.**, 2013. Apple breeding and genetic resources in Latvia. *Acta Horticulturae*, 976, 69-74. ([http://www.actahort.org/books/976/976\\_5.htm](http://www.actahort.org/books/976/976_5.htm) )
22. **Lācis G.** and Kota I., 2013. SSR marker-based fingerprinting for sour cherry (*Prunus cerasus*) genetic resources identification and management. *Acta Horticulturae*, 976, 251-256. ([http://www.actahort.org/books/976/976\\_33.htm](http://www.actahort.org/books/976/976_33.htm) )
23. **Lācis G.**, Kaufmane E., Kota I., Gravite I., Trajkovski V., 2012. Genetic diversity and plasticity in selected progeny of plum cultivar 'Jubileum'. *Acta Horticulturae*, 935, 129-135. ([http://www.actahort.org/books/935/935\\_18.htm](http://www.actahort.org/books/935/935_18.htm) )
24. Antonius K., S. Karhu, H. Kaldmäe, **G. Lācis**, R. Rugenius, D. Baniulis, A. Sasnauskas, E. Schulte, A. Kuras, M. Korbin, Å. Gunnarsson, G. Werlemark, D. Ryliskis, T. Todam-Andersen, L. Kokk, K. Järve, 2012. Development of the Northern European Ribes core collection based on a microsatellite (SSR) marker diversity analysis. *Plant genetic resources: characterization and utilization*, 10(1), 70-73. (<https://www.cambridge.org/core/journals/plant-genetic-resources/article/development-of-the-northern-european-ribes-core-collection-based-on-a-microsatellite-ssr-marker-diversity-analysis/5AED1B1A4BE73FF94AAE5C89DBE5FC31#> )
25. **Lācis G.**, Rashal I., Trajkovski V., 2011. Implementation of a limited set of SSR markers for screening of genetic variability in Latvian and Swedish sour cherry (*Prunus cerasus* L.) genetic resources collections. *Proceedings of the Latvian Academy of Sciences. Section B: Natural, Exact and Applied Sciences*, 65(1/2), 21–28. DOI: 10.2478/v10046-011-0014-4 (<https://www.degruyter.com/view/j/prolas.2011.65.issue-1-2/v10046-011-0014-4/v10046-011-0014-4.xml> )
26. **Lācis G.**, Kota I., Ikase L., Rungis D. 2011. Molecular characterization of the Latvian apple (*Malus*) genetic resource collection based on SSR markers and scab resistance gene *Vf* analysis. *Plant genetic resources: characterization and utilization* 9(2), 189-192. (<https://www.cambridge.org/core/journals/plant-genetic-resources/article/molecular-characterization-of-the-latvian-apple-malus-genetic-resource-collection-based-on-ssr-markers-and-scab-resistance-gene-vf-analysis/BEA0EEB014DC2FC5F2DB525E2344044C#cor001> )
27. **Lācis G.**, Rashal I., Trajkovski V. 2010. Comparative analysis of sweet cherry (*P. avium*) genetic diversity revealed by two methods of SSR marker detection. *Proceedings of the Latvian Academy of Sciences. Section B: Natural, Exact and Applied Sciences* 64(3/4), 149–158. (<https://www.degruyter.com/view/j/prolas.2010.64.issue-3-4/v10046-010-0024-7/v10046-010-0024-7.xml> )
28. **Lācis G.**, Rashal I., Ruisa S., Trajkovski V., Iezzoni A.F. 2009. Assessment of genetic diversity of Latvian and Swedish sweet cherry (*Prunus avium* L.) genetic resources collections by using SSR (microsatellite) markers. *Scientia Horticulturae*, 121, 451–457. doi.org/10.1016/j.scienta.2009.03.016 (<http://www.sciencedirect.com/science/article/pii/S030442380900140X> )
29. **Lācis G.**, E. Kaufmane, I. Rashal, V. Trajkovski, A.F. Iezzoni, 2008. Identification of self-incompatibility (S) alleles in Latvian and Swedish sweet cherry genetic resources collections by PCR based typing. *Euphytica*, 160: 155–163, DOI 10.1007/s10681-007-9496-1 (<http://www.springerlink.com/content/bp1w2984p0031273/> )

30. Kaufmane E., Ikase L., Trajkovski V., **Lācis G.** 2002. Evaluation and characterization of plum genetic resources in Sweden and Latvia. *Acta Horticulturae*, 577, 207-213. ([http://www.actahort.org/books/577/577\\_34.htm](http://www.actahort.org/books/577/577_34.htm) )
31. Strautina S., **Lācis G.**, 2000. Small fruit breeding in Latvia. *Acta Horticulturae*, 538, 469-472. ([http://www.actahort.org/books/538/538\\_82.htm](http://www.actahort.org/books/538/538_82.htm) )

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1. Eiduks J., Auziņš A., **Lācis G.**, Moročko-Bičevska I., 2014. Design and Development of an Integrated Research Information System. Proceedings of Joint International Conference on Engineering Education & International Conference on Information Technology (ICEE/ICIT-2014), June 2-6, Riga, Latvia, pp. 534-542. ([http://ineer2014.rtu.lv/sites/default/files/Paper\\_124.pdf](http://ineer2014.rtu.lv/sites/default/files/Paper_124.pdf) )
2. **Lācis G.**, Kota I., Rungis D., 2013. Application of SSR markers for the assessment of Latvian sea buckthorn (*Hippophae rhamnoides* L.) genetic diversity. A Multipurpose Wonder Plant / Singh V. et al. (eds.), vol. 4, Indus Publishing Company, New Delhi, India, p. 157-166.
3. Rancane R., Lace B., **Lācis G.**, 2012. Distribution and development of European pear rust in Latvia and relationship between severity and yield. *IOBC-WPRS Bulletin*, 84, 39-45. ([http://www.iobc-wprs.org/pub/bulletins/bulletin\\_2012\\_84\\_table\\_of\\_contents\\_abstracts.pdf](http://www.iobc-wprs.org/pub/bulletins/bulletin_2012_84_table_of_contents_abstracts.pdf) )
4. **Lācis G.**, Trajkovski V., Rashal I. 2010. Phenotypical variability and genetic diversity within accessions of the Swedish sour cherry (*Prunus cerasus* L.) genetic resources collection. *Biologija* 56(1/4), 1-8.
5. **Lācis G.**, Kaufmane E., Trajkovski V., Rashal I. 2009. Morphological variability and genetic diversity within Latvian and Swedish sweet cherry collections. *Acta Universitatis Latviensis*, 753. *Biology*, 19-32. ([http://www.bf.lu.lv/grozs/LU/LU\\_Bio\\_Raksti/2009/Lacis.pdf](http://www.bf.lu.lv/grozs/LU/LU_Bio_Raksti/2009/Lacis.pdf) )
6. **Lācis G.**, Ruisa S., Kota I. 2008. Molecular marker application in breeding of self- and cross-compatible sweet cherry (*P. avium* L.) varieties. Proceedings of International scientific conference „Sustainable Fruit Growing: From Plant to Product”, pp. 158-164. (<http://www.lvai.lv/pdf/Raksti-viss-drukai.pdf> )
7. Kaufmane E., **Lācis G.**, Ikase L. 2006. Current situation of the Latvian *Prunus* collections - conservation, evaluation and characterization for the establishment of core collections. Report of a working group on *Prunus*, *Biodiversity International*, p. 66-74.
8. Kaufmane E., **Lācis G.** 2004. Studies on selection of apricots and peaches with good fruit quality and winterhardiness in Latvia. *Journal of Fruit and Ornamental Plant Research*, XII, 321-329. ([http://www.insad.pl/files/journal\\_pdf/journal\\_2004spec2/full2004-34Aspec.pdf](http://www.insad.pl/files/journal_pdf/journal_2004spec2/full2004-34Aspec.pdf) )
9. Ruisa S., **Lācis G.** 2001. Characterization of *Chaenomeles japonica* genetic resources. *Horticulture and Vegetable growing*, 20 (3), 50 - 60.
10. **Lācis G.**, Ikase L., Kaufmane E., Skrivele M., Strautina S., Ruisa S., Blukmanis M., Andersone D. 2001. Genetic resources of the Latvian fruit crops and breeding of new varieties. The Second World Congress of Latvian Scientists. Riga, 14 - 15 August. Congress Proceedings. - Riga: The Latvian Academy of Sciences, pp. 359. (in Latvian)
11. **Lācis G.**, Rashal I. 2001. Use of multidimensional statistical approaches in characterization of Latvian sweet cherry (*Prunus avium* L.) genetic resources. *Horticulture and Vegetable growing*, 20(3), 211 - 221.
12. **Lācis G.**, 2001. Morphological analysis of Latvian sweet cherry (*Prunus avium* L.) genetic resources collection. Proceedings of EUCARPIA, Section Genetic Resources

- Symposium “Broad Variation and Precise Characterization – Limitation for the Future”, Poznan, May 16-20, p. 225-228.
13. Ikase L., **Lācis G.**, Kaufmane E., 2001. Fruit crop genetic resources in Latvia. *Biologija*, Nr. 4, pp. 23-25.
  14. **Lācis G.**, Ruisa S., Kaufmane E., 2000. Investigations on sweet cherry pollen compatibility at the Dobele HPBES. Proceedings of International Conference “Fruit Production and Fruit Breeding”, Polli, Estonia, 152-156.
  15. **Lācis G.**, Rashal I., 2000. Evaluation of variability of morphological traits of Latvian local sweet cherry (*P. avium*) accessions by means of multidimensional analysis. Proceedings of International Conference “Fruit Production and Fruit Breeding”, Polli, Estonia, 147-151.
  16. Rashal I., **Lācis G.**, 1999. Accessions of horticultural plants in the Latvian plant genetic resources data base. Fruit growing today and tomorrow. Proc. of the International Conf., Dobele, pp. 124-130.  
([http://fruittechcentre.eu/LVAI/LVAI\\_lib/pdf/Fruit\\_growing\\_today\\_and\\_tomorrow.pdf](http://fruittechcentre.eu/LVAI/LVAI_lib/pdf/Fruit_growing_today_and_tomorrow.pdf))
  17. **Lācis G.**, Ruisa S., 1999. Saldo ķiršu morfoloģiskais un bioagronomiskais raksturojums. *Agronomijas Vēstis*, Jelgava, Nr. 1, 180-184.
  18. **Lācis G.**, Ruisa S., 1998. The morphological and bioagronomical characterisation of Latvian sweet cherries. Proc. of the international conf., Lublin, pp. 575-578.
  19. Blukmanis M., **Lācis G.**, 1998. Winterhardiness of pears in Dobele. Scientific Works of the Lithuanian Institute of Horticulture and Lithuanian University of Agriculture. *Horticulture and Vegetable Growing*, 17(3), 126-134.

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2. **G. Lācis**, Kota-Dombrovska I., Bartulsons T., Stalažs A., 2016. Clonal diversity and genetic relatedness of the seabuckthorn germplasm grown in Latvia. RPD Abstracts, Vol. 2, p. 21.
3. Bartulsons T., **Lācis G.**, 2016. Characterization of miRNA involved in apple (*Malus × domestica* Borkh.) resistance to apple scab caused by *Venturia inaequalis* (Cooke) G. Winter. RPD Abstracts, Vol. 2, p. 17.
4. Ikase L., **Lācis G.**, 2016. Apple genetic resources in Latvia – history, current situation and perspectives. RPD Abstracts, Vol. 2, p. 14.
5. Ikase L., **Lācis G.**, Rezgale Z., 2016. Preliminary results with clones of the apple cultivar ‘Baltais Dzidrais’ (White Transparent) in Latvia. RPD Abstracts, Vol. 2, p. 22.
6. **Lācis G.**, Feldmane D., 2016. Clonal diversity characterization of Latvian sour cherry landrace ‘Latvijas Zemais’. COST FA1104 Final Conference „Sustainable production of high-quality cherries for the European market”, 4-8 April, Naoussa, Greece, p. 51.
7. **Lācis G.**, Kota-Dombrovska I., Bartulsons T., Lāce B., Ikase L., 2016. Inheritance and diversity of apple and pear resistance to scab caused by *Venturia inaequalis* and *Venturia pyrina*. Proc. Latvian Acad. Sci., Section B, Vol. 70(6), p. 415.
8. **Lācis G.**, Vēsminš G., Ruisa S., 2015. Grape genetic resources and breeding in Latvia. The third Balkan Symposium on Fruit Growing, September 16-18, Belgrade, Serbia, p. 32.
9. **Lācis G.**, Kota-Dombrovska I., Bartulsons T., 2015. Genetic structure of cultivated Latvian sea buckthorn (*Hippophaë rhamnoides* L.) germplasm revealed by molecular

- markers. XIV EUCARPIA fruit breeding and genetics symposium, June 14-18, Bologna, Italy, p. 127.
10. **Lācis G.**, Kota-Dombrovska I., 2014. SSR marker based fingerprinting of Latvian sour cherry (*Prunus cerasus* L.) genetic resources. COST FA1104 Conference „Sustainable production of high-quality cherries for the European market”, October 13-15, Bordeaux, France, p. 62.
  11. Ruisa S., **Lācis G.**, 2014. Sweet cherry breeding in Latvia. COST FA1104 Conference „Sustainable production of high-quality cherries for the European market”, October 13-15, Bordeaux, France, p. 63.
  12. **Lācis G.**, 2013. Application of DNA fingerprinting methods for fruit crop genetic resources characterization in Latvia. „Pre-breeding – fishing in the gene pool”. Abstracts of oral presentations and posters of the European Plant Genetic Resources Conference, Ortiz R. (ed), NordGen, Alnarp, Sweden, p. 64.
  13. Lāce B., **Lācis G.**, Blukmanis M., 2012. Average fruit weight as fruit quality parameter for evaluation of pear cultivars grown in Latvia. Proc. int. sci. conf. „Sustainable fruit growing: from plant to product”, August 22-24, Rīga-Dobele, Latvia, p. 32.
  14. **Lācis G.**, 2012. Application of molecular genetics methods for fruit crop genetical resources characterization in Latvia. Proc. int. sci. conf. „Sustainable fruit growing: from plant to product”, August 22-24, Rīga-Dobele, Latvia, p. 52.
  15. Kota I., **Lācis G.**, 2012. Evaluation of domestic plum (*Prunus domestica* L.) self-incompatibility allele diversity in using DNA-based S-genotyping. Proc. int. sci. conf. „Sustainable fruit growing: from plant to product”, August 22-24, Rīga-Dobele, Latvia, p. 57.
  16. Samsone I., **Lācis G.**, 2012. RAPD polymorphism linked with the strawberry susceptibility to *Gnomonia fragariae*. Proc. int. sci. conf. „Sustainable fruit growing: from plant to product”, August 22-24, Rīga-Dobele, Latvia, p. 59.
  17. Samsone I., Moročko-Bičevska I., Sokolova O., **Lācis G.**, 2012. Resistance of strawberry to root rot and petiole blight caused by *Gnomonia fragariae*. Book of Abstracts „VII International strawberry symposium”, February 18-22, Beijing, China, p. 387.
  18. **Lācis G.**, Lāce B., Blukmanis M., 2012. Field evaluation of scab (*Venturia pirina* Aderh.) severity on fruits depending on pear cultivars. Book of Abstracts „The 2nd symposium on horticulture in Europe”, July 1-2, Angers, France, p. 281.
  19. **Lāce B.**, Lācis G., 2012. Evaluation of pear (*Pyrus communis* L.) cultivars grown in Latvia for fresh market and processing. Book of Abstracts „The 2nd symposium on horticulture in Europe”, July 1-2, Angers, France, p. 282.
  20. Kota I. and **Lācis G.**, 2012. Evaluation of genetic diversity in plum germplasm collection using DNA-based S-genotyping. Xth International Symposium “Plum & Prune Genetics, Breeding & Pomology”, May 20-25, Davis, USA, p. 33.
  21. **Lācis G.**, Ikase L., Kota I., 2011. Application of PCR based molecular markers for characterization of the Latvian apple genetic resources. COST Action 864 conference „Combining traditional and advanced strategies for plant protection in pome fruit growing”, Hasselt, Belgium, p. 19.
  22. **Lācis G.**, Kota I., 2011. Assessment of genetic diversity of Latvian seabuckthorn (*Hippophae rhamnoides* L.) germplasm using molecular markers. Abstract Proceedings of the 5th International Seabuckthorn Association conference, September 3-8, Xining, China, p. 3.
  23. **Lācis G.** and Kota I., 2011. SSR marker-based fingerprinting for sour cherry (*Prunus cerasus*) genetic resources identification and management. Abstracts of XIII EUCARPIA Symposium on Fruit Breeding and Genetics, September 11-15, Warsaw, Poland, p. 219.

24. **Lācis G.**, Kota I., Ikase L., Rungis D. 2010. Molecular characterization of the Latvian apple (*Malus*) genetic resource collection based on SSR markers and scab resistance gene *Vf* analysis. 2<sup>nd</sup> International Symposium on Genomics of Plant Genetic Resources, April 24-27, Bologna, Italy, p. 140.
25. Gravite I., Kaufmane E., Kota I., **Lācis G.**, Trajkovski V., 2010. Genetic diversity and plasticity in selected progeny of plum cultivar 'Jubileum'. Abstracts „28th International Horticultural Congress”, August 22-27, Lisbon, Portugal, Vol. I, p. 202.
26. **Lācis G.**, Ruisa S., Kota I., 2008. Molecular marker application in breeding of self- and cross compatible sweet cherry (*P. avium* L.) varieties. Proc. int. sci. conf. „Sustainable fruit growing: from plant to producēt”, May 28-31, Jūrmala-Dobeles, Latvia, p. 40.
27. **Lācis G.**, Kaufmane E., 2007. Development of the information system for Latvian tree species genetic resources. Plant Genetic Resources and their Exploitation in the Plant Breeding for Food and Agriculture, May 23-16, Piešťany, Slovakia, p. 154.
28. **Lācis G.**, Kaufmane E., 2007. Development of the Latvian Tree Species Plant Genetic Resources Data Bank. Proc. Latvian Acad. Sci., Vol. 61, No 5, p. 172
29. **Lācis G.**, Kaufmane E., Rashal I., Ruisa S., 2007. Use of Molecular Markers for Characterisation of Latvian Sweet Cherry (*P. avium* L.) Genetic Resources. Latvian Acad. Sci., Vol. 61, No 5, p. 172
30. **Lācis G.**, Kaufmane E., 2007. Plant genetic resources information system as a research tool in fruit and berry crop breeding. XII EUCARPIA Fruit section symposium, September 16-20, Zaragoza, Spain, p. 224.
31. **Lācis G.**, 2002. Preliminary identification of sweet cherry incompatibility (S) alleles in Latvia. “The 3<sup>rd</sup> Genetical Congress of Baltic States”, October 10-12, Vilnius, Lithuania, p. 66.
32. Kaufmane E., Ikase L., Trajkovski V., **Lācis G.**, 2001. Evaluation and characterization of plum genetic resources in Sweden and Latvia. VII International Symposium on Plum and Prune genetics, Breeding and Pomology, August 20-24, Plovdiv, Bulgaria.
33. **Lācis G.**, 2001. The morphological and bioagronomical characterization of Latvian sweet cherries. The EUCARPIA International Symposium of Plant Genetic Resources Section, May 16-20, Poznan, Poland, p. 62.