

Dr. Theano Lazaridou
Associate professor

Contact information

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Education

- Sept. 1977 - Dec.1982 Diploma in Agriculture (School of Agriculture and Forestry Aristotle University of Thessaloniki)
- Oct. 1983 – May 1987 Master of Science in Agronomy, Genetics and Plant Plant breeding (School of Agriculture Aristotle University of Thessaloniki) Title of thesis: “Intraspecific variation in the mean endosperm cell cycle time of *Vicia narbonensis*”
- May 1987 – July 1991 Ph.D. in Genetics and Plant Breeding School of Agriculture and Forestry Aristotle University of Thessaloniki). Title of thesis :“Interspecific hybridization between *Vicia faba* and *V. narbonensis*”

Post-doctoral training

- ✓ 15 November 1991 – 29 November 1991, Participation in the course titled θέμα “Sexual plant reproduction”. In Siena Italy
- ✓ 1 November 1993 –1 November 1995: Post-doctoral fellow, Department of Genetics and Plant Breeding , titled “ Interspecific hybrids between fababeans (*Vicia faba* L.) and the wild species *V.narbonensis*”.

Employment

- **23 April 1997 – 15 October 2001** Agriculturist Research Investigator at Tobacco Institute of Drama
- **16 October 2001 – May 2003** Agriculturist Research Investigator at the branch of tobacco Institute Thessaloniki NAGREF
- **May 2003 - October 2005** Agriculturist at Variety Research Institute of Cultivated Plants.
- **4 October 2005 – 14 May 2013:** Assistant professor at the Department of Agricultural Production, School of Agricultural Technology, Technological Education Institute of Western Macedonia, Branch of Florina, in “ Genetics and Agriculture”.
- **15 May 2013 - today:** Associate professor at the Department of Agricultural Production, School of Agricultural Technology, Technological Education Institute of Western Macedonia in “Genetics and Agriculture”. From 5/6/2013 (ΦΕΚ 143/5.6.2013) department of Agricultural Technology, School of Agriculture

Technology-Food Technology and Nutrition, Technological Education Institution of Western Macedonia.

Administrative work

- **11/2001 – 5/2003** Head of the branch of tobacco Institute Thessaloniki NAGREF
- **1/9/2007 – 31/8/2008** Associate head of the Department of Agricultural Production, School of Agricultural Technology, Technological Education Institute of Western Macedonia
- **1/09/2010 – 30/11/2013** Head of the Department of Agricultural Production, School of Agricultural Technology, Technological Education Institute of Western Macedonia

- Scientific interests

- Interspecific hybridization between cultivated species and wild relatives species
- Tissue, ovule and anther culture
- Use of tissue culture in embryo-rescue.
- Use of anther culture in the production of inbred lines
- Production of new varieties grown under low inputs
- Recording, protection and development of traditional local varieties of different cultivated species

Research projects participation

- ✓ **1/4/1988 – 30/6/1988 and 16/9/1991 – 15/10/1991** Research Assistant in the research project of the Research Committee of AUTH titled “the problem of restructuring of crops and the need to produce concentrated nitrogenous feed.”
- ✓ **10/12/1988 - 09/12/1990** Research Assistant in the research project of the Research Committee of AUTH titled “Intersecific hybrids in fababeans (*V. faba L.*) and the genetic study of resistance to fungus *Sclerotinia scleroliorum* in order to produce new fababeans varieties resistant to this fungus”.
- ✓ **11/1991 - 11/1993** Research Assistant in the research project of the General Secretariat of Research and Technology and the company BIOPYA titled “Colors and perfumes” .
- ✓ **11/1993 - 11/1995** Research project of the Research Committee of AUTH titled “Intersecific hybrids between fababeans (*V. faba L.*) and the wild species *V.narbonencis*”. ως κύριος ερευνητής.
- ✓ **8/1995 - 9/1995** Research Assistant in the research project of the Research Committee of University of Athens titled «Plant molecular genetics for an environmentally compatible agriculture».

- ✓ **6/2001 - 7/2003** Researcher and co- coordinator in the European research project 96/T/35 titled «Monitoring and Minimizing heavy metal contents in tobacco» of the Tobacco Institute of Drama.

Languages

Greek (native), English, French.

Awards

She was awarded with

- Christidi Award for the better presentation at the Third National Conference of the Hellenic Scientific Society of Genetics and Plant Breeding.
- Christidi Award for the best doctoral thesis of the period 1990-1994.

Teaching Courses : General Agriculture, Genetics, Molecular Biology and Biotechnology, Plant Breeding, Principles of Plant Production

Other activities

- Member of the Organizing Committee of the 9th Congress of the Hellenic Scientific Society of Genetic Plant Breeding held in Thessaloniki October 2002)
- Member of the Organizing and Scientific Committee of the 14th Congress of the Hellenic Scientific Society of Genetic Plant Breeding held in Thessaloniki October 2012)
- Organization of a day conference organized in cooperation with the "Kapniki" for the spread of the Research Programme 96-T-35 results, held in Thessaloniki 5th February 2003.

Scientific societies

Member of Hellenic Scientific Society of Genetic Plant Breeding

PUBLICATIONS

1. **Lazaridou, T.B.**, D.G. Roupakias and A.S. Tsaftaris, 1989. Early embryo-sac development and intraspecific variation in the mean endosperm cell cycle time in *V. narbonensis* (L.). *Plant Breeding* 103, 336-345.
2. **Lazaridou, T.B.**, and D.G. Roupakias, 1991. Early embryo-sac development in faba beans (*Vicia faba* L.). *Plant Breeding* 107, 338-341.
3. **Lazaridou, T.B.**, and D.G. Roupakias, 1993. Intraspecific Variation in Mean Endosperm Cell Cycle Time in *Vicia faba* (L.) and Interspecific hybridization with *Vicia narbonensis* (L.). *Plant Breeding* 110, 9-15.

4. **Lazaridou, T.B.**, D.G. Roupakias and A.S. Economou, 1993. Embryo rescue in *Vicia faba* and *Vicia narbonensis*: Plant Cell, Tissue and Organ Culture 33, 297-301.
5. Roupakias, D.G., A.S. Tsaftaris and **T.B. Lazaridou, 1993**. Breeding for low tannin content of small seeded *Vicia faba* cultivars: Fabis Newsletter 32, 3-7.
6. Roupakias, D., A. Zesopoulou, S. Kazolea, G. Dalkalitses, A. Mavromatis and **T. Lazaridou**, 1996. Effectiveness of early generation selection under two plant densities in faba beans (*Vicia faba* L): Euphytica 93: 63-70, 1997.
7. **Lazaridou, T.B.**, A.S. Lithourgidis, S.T. Kotzamanidis and D.G. Roupakias, 2005. Anther culture response of barley genotypes to cold pretreatments and culture media. Russian Journal of Plant Physiology 52, 696-699.
8. **Lazaridou, T.**, I. Sistanis, A. Lithourgidis, H. Ambrus and D. Roupakias 2011. Response to in vitro anther culture of F₃ families originating from high and low yielding F₂ barley (*Hordeum vulgare* L.) plants. Australian Journal of Crop Science, 5(3): 262-267.
9. Vlachostergios D., A. Lithourgidis, A. Korkovelos, D. Baxevanos, **T. Lazaridou**, A. Khah, A. Mavromatis, 2011. Mixing ability of conventionally bred common vetch (*Vicia sativa* L.) cultivars for grain yield under low-input cultivation. Australian Journal of Crop Science, 5(12): 1588-1594.
10. **Lazaridou T.**, A. Lithourgidis, S. Kotzamanidis, I. Sistanis and D. Roupakias 2013. Evaluation of DH lines produced from superior F₃ plants and corresponding breeding lines in barley. Australian Journal of Crop Science 7(10): 1430-1435.
11. Peros, H., Dalezios, G., Liakakos, E., Delis, C., **Lazaridou, T. B.** and Xynias, I. N. " Molecular detection of the 1BL.1RS2. translocation in Hellenic bread wheat cultivars.", Cereal Res. Commun. 43: 318-325, 2014.

PUBLICATIONS IN NATIONAL JOURNALS (WITH JUDGMENT) .

1. Evgenidis G., E. Bletsos, K. Hondrogianni, S. Papastefanou, N. Agelidis, **T. Lazaridou** and I. Sfakianakis, 1995. The influence of planting date of five different maturity corn hybrids on its yield and other traits: Geotechnic Scientific Issues. 6- 4, pp: 27-33.
2. Papadopoulou A. D., D.G. Roupakias, **T.B. Lazaridou** and A.G. Manromatis, 1997. Effect of nutrient medium, age of ovules and female parent on the in vitro embryo rescue of the interspecific hybrid *Nicotiana tabacum* x *Nicotiana glauca*. Geotechnic Scientific Issues. 8-1, pp. 4-12.
3. Xynias, I. N., Roupakias, D. G., and **Lazaridou, Th.** 1999. Production and description of the first Hellenic primary triticale lines (X *Triticosecale* Wittmack). Geotechnic Scientific Issues 10:50-55.

IN PROCEEDINGS OF CONFERENCES (AFTER JUDGMENT)

1. **Lazaridou, T.B.**, D.G. Roupakias and A.S. Tsaftaris, 1986. Early endosperm development and intraspecific variability in the mean endosperm cell cycle time in

Vicia faba L. and *V. narbonensis* L. Proceedings of International Food Legume Research Conference, July 7-11, 1986, Spokane, Washington State, USA: 35.

2. Lazaridou, T., D.G. Roupakias and A.S. Tsafaris,, 1988. Prospects and limitations of interspecific hybridization in fababeans: Intraspecific variability in the mean cell cycle in *Vicia faba* and *V. narbonensis*. Proceedings of 2nd Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 20-21 October 1988, Thessaloniki: 274-278.

3. Lazaridou, T.B., D.G. Roupakias and A.S. Economou, 1990. Embryo rescue in *Vicia faba* and *Vicia narbonensis*. Proceedings of VIIth International Congress on Plant Tissue and Cell Culture, June 24-29, 1990, Amsterdam.

4. Lazaridou, T.B., D.G. Roupakias and A.S. Economou, 1990. Interspecific hybrids and embryo culture in *Vicia faba* *Vicia narbonensis*. Abstracts of 3rd Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 16-18 October, 1990, Athens: 26-27.

5. . Lazaridou, T.B., and D.G. Roupakias, 1992. Interspecific hybrids between *V. faba* and *V. narbonensis*: A future prospect. Proceedings of 1st European Conference on Grain Legumes, June 1-3, 1992, Angers, France.

6. Lazaridou, T.B., and D.G. Roupakias, 1992. Effect of genotype in embryo rescue of *Vicia faba* and *Vicia narbonensis*. Abstracts of 4th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 15-16 October, 1992, Thessaloniki: 52.

7. Mavromatis, A., D. Roupakias and T. Lazaridou, 1992. Response to in vitro anther culture of cotton (*Gossypium spp*). Abstracts of 4th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 15-16 October, 1992, Thessaloniki: 53.

8. A. Zesopoulou, S. Kazolea, G. Dalkalitses, A. Mavromatis and T. Lazaridou 1994. Effectiveness of two methods of evaluation and early generation selection in faba beans (*Vicia faba* L): Abstracts of 5th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 18-20 October, 1994, Volos: 287.

9. Hondrogianni K., I. Sfakianakis, G. Evgenidis, E.Bletsos, S. Papastefanou, N. Agelidis , T. Lazaridou και K. Thanassouloupoulos, 1994. Resistance to fusarium of corn genetic material. Abstracts of 5th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 18-20 October , 1994, Volos: 289.

10. Lazaridou, T.B., and D.G. Roupakias, 1995. Intraspecific hybrids and embryo rescue in *Vicia narbonensis* L. Proceedings of 2nd European Conference on Grain Legumes: July, 9-13, 1995, Copenhagen, Denmark: 226.

11. Xynias, I.N., D.G. Roupakias and **T.B. Lazaridou**, 1996. Primary triticale (X Triticosecale Wittmack) production using Hellenic durum wheat and rye germplasm. Abstracts of 6th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 2-4 October, 1996, Florina: 47.
12. Bletsos F.A., D.G. Roupakias, K.K. Thanassoylopoulos and **T.B. Lazaridou**, 1996. Production of interspecific hybrids between three Hellenic eggplant varieties (*Solanum melongena*) and the wild species *Solanum torvum* and *Solanum sisymbriifolium*. Proceedings of 6th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 2-4 October, 1996, Florina: 143-146.
13. Matsi, Th., Q. Strouthopoulos, N. Barbayiannis, N. Tsotsolis, **Th. Lazaridou**, 2001. Phosphorus fertilization impact on the yield and heavy metal concentration in tobacco variety KΣ 82. Proceedings of Join Meeting of the Coresta Agronomy & Phytopathology Study Groups: September 30- October 4, 2001, Cape Town, South Africa.
14. Tsotsolis, N.C., **T.B. Lazaridou**, Th. Matsi, E. Bargiacchi, S. Miele, N. Barbayiannis, O. Kosmidou, and O. Olivieri, 2002. Growth and heavy metals content of different tobacco types cultivated in Greece and in Italy. Proceedings of Coresta Congress: September 21-28, 2002, New Orleans USA: AP31
15. Miele, S., N. Barbayannis, E. Bargiacchi, L. Foschi, O. Kosmidou, **T. Lazaridou**, Th. Matsi, O. Olivieri, and N. Tsotsolis, 2002. Phosphate application and tobacco heavy metal leaf concentrations. Results of the 3-year E.U. funded 96/T/35 project in Italy and Greece. Proceedings of Coresta Congress: September 21-28, 2002, New Orleans USA: AP24.
16. **Lazaridou T.B.**, A.S. Lithourgidis, S.T. Kotzamanidis and D.G. Roupakias, 2002. Response to anther culture of barley (*Hordeum vulgare L.*) genotypes. Proceedings of 9th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 30 October –1 November, 2002, Thessaloniki: 305-309.
17. **Lazaridou T.B.**, I. Sistanis and D.G. Roupakias, 2004. Effect of colchicines to doubled haploid production after barley anther culture. Abstracts of 10th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 24-26 November, 2004, Athens: 54.
18. Sistanis I., **T.B., Lazaridou**, A.S. Lithourgidis, S.T. Kotzamanidis and D.G. Roupakias, 2004. Response to anther culture of high and low-yielding barley F₃ families. Proceedings of 10th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 24-26 November, 2004, Athens: 116-120.
19. **Lazaridou, T. B.**, A.S. Lithourgidis, I.Z. Sistanis, S. Th. Kotzamanidis και D.G. Roupakias, 2006. Relationship between morphological traits and yield of barley inbred lines. Abstracts of 11th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, October, 2006, Orestiada .
20. Lithourgidis, A.S., C.A., Dordas, **T.B., Lazaridou**, I., Papadopoulos, 2008. Silage yield and protein content of common bean intercropped with corn in two row-

replacements. Proceedings of 10th Congress of the European Society for Agronomy, 15-19 September 2008, Bologna, Italy.

21. Lazaridou, T. B., A.S. Lithourgidis, S. Th. Kotzamanidis, I.Z. Sistanis, και D.G. Roupakias, 2008. Evaluation of doubled haploids and inbred lines of barley. Proceedings of 12th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 8-10 October, 2008, Naoussa: 49-52.

22. Lithourgidis, A.S., C.A., Dordas, **T.B., Lazaridou, I.,** Papadopoulos, 2008. Interspecific competition in common bean intercropped with corn. Proceedings of 12th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 8-10 October, 2008, Naoussa: 254-258.

23. Evgenidis, G., **T., Lazaridou, B.** Mellidis, και I. Sistanis, 2008. Genetic relationships between Greek maize populations based on their primary characteristics. Proceedings of 12th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 8-10 October, 2008, Naoussa: 311-315.

24. Evgenidis, G., **T., Lazaridou, B.** Mellidis και H. Avdikos, 2008. Description of six Hellenic corn populations. Abstracts of 12th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, 8-10 October, 2008, Naoussa,.

25. Lazaridou, Th., P. Lolas, 2009. Different genotypes in population of stevia. Abstracts of 24th Conference of the Hellenic Society of the Science of Fruits. October 2009 Veria

26. Lazaridou, Th., Pankou, Ch., Xynias, I.N., Kaltsikis, P. and Roupakias, D. G. 2010. Effect of D genome to androgenic response in bread wheat. Abstracts of 13th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding. Kalamata, October 13-15, 2010: 32

27. Lazaridou, Th., A. Georgiadou and P. Lolas, 2010. Morphological characteristics and concentration of sweeteners in different genotypes of stevia (*Stevia rebaudiana*). Proceedings of 13th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding., October 13-15, 2010, Kalamata: 127-133

28. Georgiadou A., **Th., Lazaridou, S.** Souipas, E. Vardavakis and P. Lolas , 2010. Transplantation distances and agronomic characteristics of a new crop stevia (*Stevia rebaudiana*). Proceedings of 13th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding., October 13-15, 2010, Kalamata: 134-139

29. Lazaridou, Th., A. Georgiadou and P. Lolas, 2011. Evaluation of stevia genotypes under the Hellenic climatic conditions. Proceedings of 25th Conference of the Hellenic Society of the Science of Fruits. Lemesos, Cyprus October 2011, 243-245.

30. Georgiadou A., **Th., Lazaridou, P.** Gianouli, and P. Lolas, 2011. Concentration of sweeteners in five populations of stevia (*Stevia rebaudiana*). Proceedings of 25th Conference of the Hellenic Society of the Science of Fruits. Lemesos, Cyprus October 2011, 240-242.

31. Lazaridou , T. B., Pankou, Ch., Xynias, I. N. and Roupakias, D. G. 2012. Effect of the 1BL/1RS translocation on androgenic response in bread wheat. p. 63. Proceedings of 14th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, October 10-12, 2012, Thessaloniki. 39

- 32. Lazaridou, Th.,** and P. Lolas, 2013. In vitro propagation of stevia. Proceedings of 26th Conference of the Hellenic Society of the Science of Fruits. October 2013, Kalamata: 394-397.
- 33. Lazaridou, T.B.,** I.N., Xynias, Ch., Pankou, and D.G. Roupakias, 2014. Effect of the 1BL.1RS wheat-rye translocation on androgenic response in bread wheat.", In Kalogerakis, N. and Manios, Th. (eds.) Book of abstracts of 11th International Phytotechnologies Conference 2014, Heraklion (Vrete), Greece, September 30-October 3, 2014.
- 34. Xynias, I. N., T.B. Lazaridou,** Ch., Pankou, A., Mavromatis and D.G. Roupakias, 2014. "Advantages and disadvantages of the presence of the 1BL.1RS wheat-rye translocation in sustainable wheat production", In Kalogerakis, N. and Manios, Th. (eds.) Book of abstracts of 11th International Phytotechnologies Conference 2014, Heraklion (Vrete), Greece, September 30-October 3, p.305.
- 35. Xynias, I.N., E. Korpekis, and Th. Lazaridou** 2014. Zea: myth or reality? Proceedings of the 15th National Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, October 15-17, 2014, Larissa. (in press).
36. Xynias, I. N., **T.B. Lazaridou,** E. Korpekis., M., Irakli., and N., Kozub, 2014. Durum wheat germplasm developed at the Cereal Institute. Proceedings of the 15th National Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, October 15-17, 2014, Larissa. (in press).
37. Xynias, I. N., **T.B. Lazaridou,** E. Korpekis., M., Irakli., and N., Kozub, N. 2014. Bread wheat germplasm developed at the Cereal Institute. Proceedings of the 15th National Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, October 15-17, 2014, Larissa. (in press)
- 38. Lazaridou, T.B.,** Ch., Pankou I.N., Xynias, and D.G. Roupakias., 2014. Anther culture response of Hellenic durum wheat (*Triticum durum* L.) cultivars. Abstracts of 15th Conference of the Hellenic Scientific Society of Genetics and Plant Breeding, October 15-17, 2014, Larissa:41.
- 39 Lazaridou, T.B.,** and I.N., Xynias, 2015. Dogwood: the Hellenic super food. p.106. Abstracts of 27th Conference of the Hellenic Society of the Science of Fruits. September 28-29, 2015, Valis Resort Hotel, Volos. 44.
- 40. Lazaridou, T.B.,** and I.N., Xynias. 2015., " Doubled haploid line production in durum wheat: present status and future8. prospects. ", Proceedings of VI International Agricultural Symposium "AGROSYM", Jahorina, 15-18 October 2015, Bosnia and Herzegovina., 2015

