

CURRICULUM VITAE ET STUDIORUM

1. **Name and Surname:** Elif Aylin ÖZÜDOĞRU
2. **Date of Birth:** 30.09.1975
3. **Academic Title:** Assosiated prof.
4. **Education:**

Degree	Area	University	Year
BSc..	Dep. Of Biology / Molecular Biology Division	University of İstanbul	1997
MSc	Dep. Of Biology / Molecular Biology Section	Gebze Ins. Technology (GIT)	2000
Ph.D	Dep. Of Biology / Molecular Biology Section	GIT	2005

5. Academic experience:

Assistant Prof.	:	2007
Assosiated Prof.	:	2012
Prof.	:	

6. MSc and PhD Thesis

6.1. MSc Thesis

Development of one-step procedures for the long-term conservation of *Sequoia sempervirens* via cryopreservation (*Sequoia sempervirens*' in kriyoprezervasyon yolu ile uzun süreli saklanmasında tek aşamalı yöntemlerin geliştirilmesi). GIT, Faculty of Science, Department of Biology, 2007-2010

6.2. PhD Thesis

Identification of genetic variations among the local *Thymus* varieties by molecular markers, micropropagation of *Thymus vulgaris* by *in vitro* tissue culture techniques, and cryopreservation of its genus by one-step freezing techniques (Yerel *Thymus* çeşitleri arasındaki genetik farklılıkların moleküler belirteçler aracılığıyla belirlenmesi, *Thymus vulgaris*' in *in vitro* doku kültürü yöntemleriyle mikroçoğaltımı ve germplazmasının tek aşamalı dondurma yöntemleri ile kriyoprezervasyonu), GIT, Faculty of Science, Department of Biology, 2007-2011

7. Publications

7.1. International Journals registered in SCI, SSCI and AHCI

- Li J.-W., Ozudogru E.A., Li J., Wang M.-R., Bi W.-L., Lambardi M., Wang Q.-C. (2018) Cryobiotechnology of forest trees: recent advances and future prospects. *Biodiversity and Conservation*. 27 (4), 795-814 (IF: 2.83).
- Gatti E., Sgarbi E., Ozudogru EA, Lambardi M. (2017) The effect of Plantform™ bioreactor on micropropagation of *Quercus robur* in comparison to a conventional *in vitro* culture system on gelled medium, and assessment of the microenvironment influence on leaf structure. *Plant Biosystems* 151 (6), 1129-1136 (IF: 1.39).
- Ozudogru EA., Benelli C., Dradi G., Lambardi M. (2017) Effect of culture container and carbohydrate content on *in vitro* slow growth storage of the cherry rootstock 'Gisela®5'. *ACTA Physiologiae Plantarum*. 39, 94-101 (IF: 1.56).
- Turkoglu N., Ozudogru A., Firat M., Keskin N., Tuncer B. (2017) Exploration of effects of bleeding water of grapevine on *in vitro* germination of single-point endemic *Lophanthus turcicus* seeds. *Journal of Environmental Protection and Ecology* 18 (4), 1472-1480 (IF: 0.679)
- Wang B., Wang R.-R., Cui Z.-H., Bi W.-L., Li J.-W., Li B.-Q., Ozudogru E.A., Volk G.M., Wang Q.-C. (2014) Potential applications of cryogenic technologies to plant genetic improvement and pathogen eradication. *Biotechnology Advances* 32, 583-595 (IF: 8.905).

- Ozudogru A., da Silva D., Kaya E., Dradi G., Paiva R., Lambardi M. (2013) *In vitro* conservation and cryopreservation of *Nandina domestica*, an outdoor ornamental shrub. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca* 41(2), 638-645 (IF: 0.59).
- Kaya E., Alves A., Rodrigues L., Jenderek M., Hernandez-Ellis M., Ozudogru A., Ellis D. (2013) Cryopreservation of Eucalyptus genetic resources. *CryoLetters* 34(6), 608-618 (IF: 0.64).
- Ozudogru E.A., Kaya E. (2012) Cryopreservation of *Thymus cariensis* and *T. vulgaris* shoot tips: Comparison of three vitrification-based methods. *CryoLetters* 33 (5), 363-375 (IF: 0.837).
- Ozudogru E.A., Kaya E., Kirdok E. and Issever-Ozturk S. (2011) *In vitro* propagation from young and mature explants of thyme (*Thymus vulgaris* and *T. longicaulis*) resulting in genetically stable shoots. *In Vitro Cellular and Developmental Biology*, 47, 309-320 (IF: 1.497).
- Ozudogru E.A., Kirdok E., Kaya E., Capuana M., De Carlo A. and Engelmann F. (2011) Medium-term conservation of redwood (*Sequoia sempervirens* (D. Don.) Endl.) *in vitro* shoot cultures and encapsulated buds. *Scientia Horticulturae* 127, 431-435 (IF: 1.527).
- Ozudogru E.A., Kirdok E., Kaya E., Capuana M., Benelli C. and Engelmann F. (2011) Cryopreservation of redwood (*Sequoia sempervirens* (D. Don.) Endl.) *in vitro* buds using vitrification-based techniques. *CryoLetters*, 32(2), 99-110 (IF: 1.245).
- Amirkhani M., Lambardi M., Mesdaghi M., Mashayekhi K. and Ozudogru E.A. (2010) *In vitro* morphogenesis and plant regeneration from seed- and leaf-derived calli of four *Agropyron* species. *Propagation of Ornamental Plants*, 10(2), 99-106 (IF: 0.366).
- Ozudogru E.A., Capuana M., Kaya E., Panis B. and Lambardi M. (2010) Cryopreservation of *Fraxinus excelsior* L. embryogenic callus by one-step freezing and slow cooling techniques. *CryoLetters*, 31(1), 63-75 (IF: 1.121).
- Previati A., Benelli C., Da Re F., Ozudogru E.A., Lambardi M. (2008) Micropropagation and *in vitro* conservation of virus-free rose germplasm. *Propagation of Ornamental Plants*, 8(2), 93-98 (IF: 0.167).
- Ozden-Tokatli Y., Ozudogru E.A., Gumusel F., Lambardi M. (2007) Cryopreservation of *Pistacia* spp. seeds by dehydration and one-step freezing. *CryoLetters*, 28(2), 83-94 (IF: 1.14).
- Ozudogru E.A., Ozden-Tokatli Y., Akcin A. (2005) Effect of silver nitrate on micropropagation of Virginia-type peanut (*Arachis hypogaea* L.). *In Vitro Cellular and Developmental Biology – Plant*, 41(2), 151-156 (IF: 0.66).
- Ozden-Tokatli Y., Ozudogru E.A., Akcin A. (2005) *In vitro* response of pistachio nodal explants to silver nitrate. *Scientia Horticulturae*, 106(3), 415-426 (IF: 0.58).

7.2. International Journals

- Ozudogru E.A., Roncasaglia R., Correa da Silva D.P., da Conceicao Moreira F., Lambardi M. (2016) Cryopreservation of embryonic callus of *Arundo donax* L. *Acta Horticulturae* 1113, 27-34.
- Lambardi M., Ozudogru E.A. (2013) Advances in the safe storage of micropropagated woody plants at low temperature. *Acta Horticulturae* 988, 29-42.
- Benelli C., Ozudogru E.A., Lambardi M., Dradi G. (2012) *In vitro* conservation of ornamental plants by slow growth storage. *Acta Horticulturae* 961, 89-93.
- Ozudogru E.A., Kirdok E., Kaya E., Capuana M., Benelli C. (2012) *In vitro* conservation of redwood (*Sequoia sempervirens*) by slow growth storage and cryopreservation. *Acta Horticulturae* 961, 291-295
- Ozudogru E.A., Cencetti G., Michelozzi M. (2012) Preliminary investigation on volatile terpene profiles from *in vitro* shoot cultures of *Thymus vulgaris* L. clones. *Acta Horticulturae* 961, 297-302.
- Ozudogru E.A., Kaya E., Kirdok E. (2011) Development of protocols for short-, medium- and long-term conservation of thyme. *Acta Horticulturae* 918, 43-50.
- Germanà M.A., Lambardi M. and Ozudogru E.A. (2011) Preliminary Results on Carrizo citrange synthetic seeds desiccation and PVS2-vitrification as pre-treatments to Cryopreservation. *Acta Horticulturae* 892, 311-318.
- Lambardi M., Benelli C., De Carlo A., Ozudogru E.A., Previati A., Ellis D. (2011) Cryopreservation of ancient apple cultivars of Veneto: A comparison between PVS2-vitrification and dormant-bud techniques. *Acta Horticulturae* 908, 191-198.
- Ozden-Tokatli Y., Ozudogru E.A., Akdemir H., Gumusel F. and De Carlo A. (2009) Application of cryopreservation for pistachio germplasm conservation, *Acta Horticulturae*, 839, 245-251.
- Ozudogru E.A., Ozden-Tokatli Y., Gumusel F., Benelli C., Lambardi M. (2009) Development of a cryopreservation procedure for peanut (*Arachis hypogaea*) embryonic axes and its application to local Turkish germplasm. *Advances in Horticultural Science*, 23 (1): 41-48.

- Ozudogru E.A., Ozden-Tokatli Y., Gumusel F., Benelli C., Lambardi M. (2007) The current status of plant genetic diversity in Turkey and implications for cryopreservation studies. *Advances in Horticultural Science*, 4: 239-243.
- Ozden-Tokatli Y., Ozudogru E.A., Akcin A. (2006) Optimization of an efficient micropropagation protocol and assessment of plant genetic fidelity by RAPD markers in pistachio (*Pistacia vera* L.). *Advances in Horticultural Science*, 20(2):162-169.
- Ozudogru E.A., Ozden-Tokatli Y., Akcin A. (2006) Effect of mannitol and ABA on induction of somatic embryogenesis in tea. *ACTA Horticulturae*, 725: 411-416.
- Ozden-Tokatli Y., Ozudogru E.A., Akcin A. (2006) *In vitro* propagation and multiple shoot formation from cotyledonary nodes of pistachio. *ACTA Horticulturae*, 725: 405-410.

7.3. International Proceedings

- Ozudogru E.A. (2015) Physical and chemical basis of vitrification and ultra rapid freezing of plant cells and tissues. Program and abstract book of II. International Workshop on *in vitro* Conservation and Cryopreservation of Plant Genetic Resources. Universidade Federal de Lavras, Lavras, MG, Brasil, 11-13 November 2015, pp. 25-26.
- Ozudogru E.A. (2015) Encapsulation-based cryopreservation techniques. Program and abstract book of II. International Workshop on *in vitro* Conservation and Cryopreservation of Plant Genetic Resources. Universidade Federal de Lavras, Lavras, MG, Brasil, 11-13 November 2015, pp. 11-13.
- Lambardi M., Roncasaglia R., Bujazha D., Baileiro F., Correa da Silva D.P., Ozudogru E.A. (2015) Improvement of shoot proliferation by liquid culture in temporary immersion. Book of Abstracts of the "6th ISHS International Symposium on Production and Establishment of Micropropagated Plants". Sanremo, Italy, 19-24 April, p. 68.
- Ozudogru E.A., Pedrosa Correa da Silva D., Roncasaglia R. and Lambardi M. (2014) Cryopreservation of embryogenic callus of giant reed (*Arundo donax* L.). Book Programme of the "29th International Horticultural Congress – Sustaining Lives, Livelihoods and Landscapes". Brisbane (Australia), 17-22 August, p. 258.
- Lambardi M., Ozudogru E.A. and Barberini S. (2014) Cryopreservation of embryogenic callus of trees: an overview. Book of Abstracts of the "3rd International Conference of the IUFRO 2.09.02 Somatic Embryogenesis and Other Vegetative Propagation Technologies". Vitoria-Gasteiz (Spain), 8-12 September, p. 59.
- Labidi R., Ozudogru E.A., Di Primio C., Mars M., Lambardi M. (2013) *In vitro* propagation, conservation and cryoconservation of fig (*Ficus carica*). Book of abstracts "8th International Symposium on In Vitro Culture and Horticultural Breeding", Coimbra, Portugal, June 2-7, 2013, p. 76.
- Lambardi M., Ozudogru E.A., Benelli C., Dradi G., Correa da Silva P., Paiva R. (2013). Development of cost-effective *in vitro* multiplication and conservation techniques of ornamental plants (*Nandina domestica*, *Carex oshimensis*) for the benefits of commercial nurseries. Book of abstracts "8th International Symposium on In Vitro Culture and Horticultural Breeding", Coimbra, Portugal, June 2-7, 2013, p. 77.
- Lambardi M., Benelli C., Da Re F., De Carlo A., Ozudogru E.A., Serra S. (2013) Developing a cryobank of woody plants (apple, citrus) at the CNR-IVALSA of Florence, Italy. Book of Abstracts of the "Society for Low Temperature Biology 2013 – Innovation of Low Temperature Preservation and Biobanking" Hannover (Germany), October 6-9, 2013, p. 38.
- Lambardi M., Ozudogru E.A., Benelli C., Dradi G., Correa Da Silva P., Paiva R. (2013) Development of cost-effective *in vitro* multiplication and conservation techniques of ornamental plants (*Nandina domestica*, *Carex oshimensis*) for the benefits of commercial nurseries. Book of Abstracts "8th International Symposium on In Vitro Culture and Horticultural Breeding". Coimbra, Portugal, June 2-7, 2013, p. 77.
- Ellis D., Kaya E., Ozudogru E.A. and Irish B. (2012) Cryopreservation of *Musa velutina* seed via dehydration. *In Vitro Cellular & Developmental Biology - Animal*, 48: 65.
- Benelli C., Da Re F., De Carlo A., Ozudogru E.A., Serra S., Lambardi M. (2013) Cryo-banking of ancient Italian apple germplasm by the dormant –bud technique. Book Abstracts '2nd International Symposium on Plant Cryopreservation', 11-14 August 2013, Fort Collins, Colorado, (USA).
- Kaya E., Ozudogru E.A. (2012) *In vitro* propagation of peanut (*Arachis hypogaeae* L.) via Temporary Immersion Bioreactor Systems. *In Vitro Cellular & Developmental Biology - Animal*, 48:65.

- Dradi G., Roncasaglia R., Ozudogru E.A., Lambardi M. (2011) Conservazione *in vitro* in crescita rallentata del portinnesto di cilliegio Gisela®5. Atti del Convegno Nazionale del Cilliegio, Rocca di Vignola, 8-10 giugno, pp. 12-13.
- De Carlo A., Ozudogru E.A., Capuana M., Engelmann F. and Lambardi M. (2011) Forests in a tank! The options of cryopreservation. *CryoLetters*, 32(6): 540.
- Lambardi M., Damiano C., Arias M., Benelli C., Caboni E., Condello E., De Carlo A., Frattarelli A., Ozudogru E.A. (2011) Country report: Italy. Proceedings of the final meeting "Cryopreservation of crop species in Europe". Angers, France, February 8-11, 2011, pp. 201-204.
- Benelli C., Ozudogru E.A., Dradi G., Roncasaglia R., Lambardi M. (2011) Conservazione *in vitro* in crescita rallentata di specie ornamentali. Abstracts "2° Convegno Nazionale sulla Micropropagazione". Sanremo (IM), 7-9 novembre 2011, p. 62.
- Lambardi M., Benelli C., De Carlo A., Ozudogru E.A., Previati A., Serra S. (2011) Towards the establishment of a dormant-bud cryobank of ancient Italian apple cultivars. IVCHB 2011, Biotechnological advances in *in vitro* horticultural breeding, Ghent, Belgium, 18-22 September, 2011, Book of Abstracts, pp. 85-86.
- Ozudogru E.A., Kirdok E., Kaya E., Capuana M., Benelli C. (2011) *In vitro* conservation of redwood (*Sequoia sempervirens*) by slow growth storage and cryopreservation. IVCHB 2011, Biotechnological advances in *in vitro* horticultural breeding, Ghent, Belgium, 18-22 September, 2011, Book of Abstracts, p. 86.
- Ozudogru E.A., Cencetti G., Michelozzi M. (2011) Preliminary investigation on volatile terpene profiles from *in vitro* shoot cultures of *Thymus vulgaris* L. clones. IVCHB 2011, Biotechnological advances in *in vitro* horticultural breeding, Ghent, Belgium, 18-22 September, 2011, Book of Abstracts, p. 145.
- Benelli C., Dradi G., Lambardi M., Ozudogru E.A. (2011) *In vitro* conservation of ornamental plants by slow growth storage. IVCHB 2011, Biotechnological advances in *in vitro* horticultural breeding, Ghent, Belgium, 18-22 September, 2011, Book of Abstracts, p. 158.
- Roncasaglia R., Benelli C., Ozudogru E.A., Lambardi M. (2011) Effect of the carbohydrate composition in the medium during the *in vitro* slow growth storage of the cherry rootstock 'Gi.Sel.A®5'. IVCHB 2011, Biotechnological advances in *in vitro* horticultural breeding, Ghent, Belgium, 18-22 September, 2011, Book of Abstracts, p. 164.
- Ozudogru E.A., Kaya E., Kirdok E., Lambardi M. (2011) Comparison of different PVS2-based procedures for cryopreservation of *Thymus* spp. Cryopreservation Symposium. COST Action 871, Cryopreservation of crop species in Europe, Final Meeting, Abstract Book, Angers, France, p. 24.
- Ozudogru E.A., Kaya E., Kirdok E., Lambardi M. (2011) Comparison of different PVS2-based procedures for cryopreservation of *Thymus* spp. Cryopreservation Symposium. Proceedings of the final meeting "Cryopreservation of crop species in Europe", Angers, France, February 8-11, 2011, pp. 89-92.
- Ozudogru E.A., Kaya E., Michelozzi M., Cencetti G., Lambardi M. (2011) Propagazione, conservazione e caratterizzazione terpenica *in vitro* di germoplasma di timo (*Thymus* spp.). Abstracts of "2nd Convegno Nazionale sulla Micropropagazione" Sanremo (IM), 7-9 novembre 2011, p. 48.
- Kaya E., Kirdok E., and Ozudogru E. A. (2011) An Endemic Species from Turkey "*T. cariensis* Hub.-Mor. Jalas" *in vitro* propagation and Cryopreservation. 13th World Congress of the IABP and 2010 *In vitro* Biology Meeting of the SIVB, Raleigh, North Carolina, USA.
- Kaya E., Akdemir, H., Ozudogru, E.A., Ozden, Y. (2011) *In vitro* Propagation of Turkish olive cultivar "Edremit yağlık" via Temporary Immersion Bioreactor Systems. 13th World Congress of the IABP and 2010 *In vitro* Biology Meeting of the SIVB, Raleigh, North Carolina.
- Ozudogru E.A., Kaya E. and Kirdok E. (2010) Development of *in vitro* propagation, slow growth storage and cryopreservation protocols for short-, medium- and long-term conservation of young and mature explants of thyme (*Thymus vulgaris* and *T. longicaulis*). IHC 2010, 28th International Horticultural Congress, Lisbon, Portugal, 21-27 August 2010, Abstracts, Vol II, p. 525.
- Benelli C., Ozudogru E.A., Roncasaglia R., Lambardi M. (2010) Conservazione *in vitro* di specie ornamentali mediante crescita rallentata: progetto 'VITROFLOR'. Workshop 'La coltura in vitro applicata alla conservazione e alla valorizzazione della biodiversità vegetale'. L'Aquila 30 settembre-1 ottobre 2010.
- Lambardi M., Benelli C., Dradi G. and Ozudogru E.A. (2010) *In vitro* conservation of economically-important fruit and ornamental species by slow growth storage. IHC 2010, 28th International Horticultural Congress, Lisbon, Portugal, 21-27 August 2010, Abstracts, Vol II, p. 525.
- Ozudogru E.A., Kirdok E., Kaya E., Capuana M., Benelli C. And Lambardi M. (2010) Development of an effective protocol and histo-anatomical observations for the cryopreservation of apical and basal buds of redwood (*Sequoia sempervirens* (D. Don.) Endl.). 4th Conference of Working Group 1,

- COST Action 871, Fundamental Aspects of Plant Cryopreservation – Cryoprotection and Genetic Stability, Programme and Abstract Book, p. 12, Poznań – Kórnik, Poland.
- Kirdok E., Kaya E., Capuana M., Benelli C. and Ozudogru E.A. (2010) Cryopreservation of *Sequoia sempervirens* by droplet-freezing method and evaluation of post-thaw tissue damage by histoanatomical observations. 2010 *In Vitro Biology Meeting*, St. Louis, Missouri, USA (poster presentation is awarded with 'Student Registration Fellowship' and 'SIVB Student Travel Award').
- Kaya E., Kirdok E. and Ozudogru E.A. (2010) Development of efficient micropropagation and cryopreservation protocols for *Thymus* germplasm. 2010 *In Vitro Biology Meeting*, St. Louis, Missouri, USA (poster presentation is awarded with 'Student Registration Fellowship' and 'Philip R. White Award').
- Benelli C., Ozudogru E.A., Roncasaglia R., Lambardi M. (2010) Conservazione in vitro di specie ornamentali mediante crescita rallentata: progetto 'VITROFLOR'. Workshop 'La coltura in vitro applicata alla conservazione e alla valorizzazione della biodiversità vegetale'. L'Aquila 30 settembre-1 ottobre 2010.
- Ozudogru E.A., Benelli C., Capuana M., Kaya E., Kirdok E., Lambardi M. (2010) Development of an effective cryopreservation protocol for apical and basal buds of redwood (*Sequoia sempervirens* (D. Don.) Endl.). Abstract Book 4th Conference Working Group 1, COST Action 871 "Fundamental aspects of plant cryopreservation - Cryoprotection and genetic stability". Poznan-Kornik, Poland, 29-30 April 2010 (oral abstract).
- Lambardi M., Benelli C., Gumusel F., Ozudogru E.A. (2009) La crioconservazione della biodiversità vegetale mediterranea: un esempio di collaborazione Italia-Turchia. Abstract book "Piante Mediterranee – IV Convegno Nazionale". Marina di Novi Siri (Matera), Italy, 7-10/10/2009, p. 28.
- Lambardi M., De Carlo A., Germanà M.A., Capuana M., Ozudogru E.A. (2009) Cryopreservation of citrus germplasm: considerations on a case study. Meeting of the Work Group 2 of the COST Action 871, Programme and Abstracts, p. 32, Gatersleben, Germany.
- Germanà M.A., Lambardi M. and Ozudogru E.A. (2009) Preliminary Results on Carrizo citrange synthetic seeds desiccation and PVS2-vitrification as pre-treatments to Cryopreservation. 2nd International Citrus Biotechnology Symposium, Catania, Italy, Book of Abstracts, p. 154.
- Kirdok E., Ozden-Tokatli Y., Capuana M. and Ozudogru E.A. (2009) Development of procedures for medium- and long-term storage of coast redwood (*Sequoia sempervirens*), 2009 *In Vitro Biology Meeting*, In Vitro Cellular and Developmental Biology – Plant, Abstract Book, 45: 65, Charleston, South Carolina, USA (poster presentation is awarded with 'John S. Song Award' and 'SIVB Travel Award').
- Capuana M., Lambardi M., Ozudogru E.A., Kaya E. and Panis B. (2009) Cryopreservation of *Fraxinus* spp. embryogenic cultures by slow cooling and vitrification techniques, 1st International Symposium on Cryopreservation in Horticultural Species, Programme and Abstracts, p. 44, Leuven, Belgium.
- Ozudogru E.A., Ozden-Tokatli Y., Gumusel F., Benelli C. and Lambardi M. (2009) Cryopreservation for the safeguard of Turkish peanut germplasm, *CryoLetters*, **30(1)**, 87-88 (abstract).
- Ozudogru E.A., Ozden-Tokatli Y., Gumusel F., Benelli C., Lambardi M. (2008) Cryopreservation for the safeguard of Turkish peanut germplasm. Annual meeting of Society of Low Temperature Biology. Copenhagen. 11-12 September 2008. p.25.
- Ozudogru E.A., Ozden-Tokatli Y., Gumusel F. (2008) Optimization of temporary immersion system for *in vitro* propagation of peanut. First International Symposium on Biotechnology of Fruit Species. Dresden, Germany., 1-5 September 2008, Program and Abstract Book, p.84
- Ozden-Tokatli Y., Ozudogru E.A., Akdemir H., De Carlo A., Gumusel F. (2008) Application of cryopreservation technology for *Pistachio* germplasm conservation. First International Symposium on Biotechnology of Fruit Species. Dresden, Germany., 1-5 September 2008, Program and Abstract Book, p.53
- Roncasaglia R., De Carlo A., Dradi G., Lambardi M., Ozden-Tokatli Y., Ozudogru E.A. (2008) Response to different carbohydrate concentrations in the medium during long-term storage of fruit shoot cultures. First International Symposium on Biotechnology of Fruit Species. Dresden, Germany, 1-5 September 2008, Program and Abstract Book, p.83.
- Previati A., Benelli C., Da Re F., Ozudogru E.A., Lambardi M. (2007) Micropropagation and *in vitro* conservation of virus-free rose germplasm. Vth International Congress on "Propagation of Ornamental Plants", Sofia, Bulgaria, 5-8th September, 2007, p. 85.
- Ozudogru E.A., Ozden-Tokatli Y., Gumusel F., Benelli C., Lambardi M. (2007) The current status of plant genetic diversity in Turkey and implications for cryopreservation studies. CryoPlanet, 1st Meeting of Working Group 2, Florence, May 10-12, pp. 54-55.

- Lambardi M., Benelli C., Ozden-Tokatli Y., Ozudogru E.A., Gumusel F. (2006) A novel approach to olive micropropagation: the temporary immersion system. Proc. "2nd Int. Seminar OLIVEBIOTEQ 2006", Marsala - Mazara del Vallo, Italy, Vol I, pp. 319-326.
- Ozden-Tokatli Y., Ozudogru E.A., Akcin A. (2004) *In vitro* regeneration of pistachio (*Pistacia vera* L.) through organogenesis: Effect of silver nitrate, polyvinylpyrrolidone and citric acid. "2004 World Congress on *In Vitro* Biology". San Francisco, California, USA, Vol 40, p. 46-A.
- Ozudogru E.A., Ozden-Tokatli Y., Akcin A. (2004) Effect of silver nitrate on organogenesis of peanut (*Arachis hypogaea* L.). "2004 World Congress on *In Vitro* Biology". San Francisco, California, USA, Vol 40, p. 46-A.
- Ozudogru E.A., Ozden-Tokatli Y., Akcin A. (2004) Micropropagation of Virginia-type peanut plants from shoot tips. "5th International Symposium on *In Vitro* Culture and Horticultural Breeding". Debrecen-Hungary, p. 161.
- Ozden-Tokatli Y., Ozudogru E.A., Akcin A. (2003) Enhancement of regeneration in pistachio (*Pistacia vera* L.) with silver nitrate. "5th International Symposium on Recent Advances in Plant Biotechnology: Progress and Developments". Stará Lesná, High Tatras, Slovak Republic, p. 21.
- Ozudogru E.A., Ozden-Tokatli Y., Akcin A. (2003) *In vitro* clonal propagation of peanut (*Arachis hypogaea* L.). "5th International Symposium on Recent Advances in Plant Biotechnology: Progress and Developments". Stará Lesná, High Tatras, Slovak Republic, p. 20.
- Ozudogru E.A., Ozden-Tokatli Y., Altinkut A., Gozukirmizi N., Akcin A. (2001) Estimation of drought tolerance and polymorphisms among segregating F₂ population of barley and wheat via RAPD markers. Proc. International Congress "1st Eurasian Congress on Molecular Biotechnology". Trabzon, Turkey, Vol 1, pp. 235-240.
- Ozudogru E.A., Ozden Y., Altinkut A., Gozukirmizi N., Akcin A. (2000) Usage of RAPD markers in barley (*Hordeum vulgare* L.). Proc. International Congress "2nd Balkan Botanical Congress". Istanbul, Turkey, Vol 2, 357-361.
- Ozden Y., Ozudogru E.A., Altinkut A., Gozukirmizi N., Akcin A. (2000) Study of DNA fingerprinting in wheat (*Triticum aestivum* L.). Proc. International Congress "2nd Balkan Botanical Congress". Istanbul, Turkey, Vol 2, pp. 347-352.
- Altinkut A., Ozden Y., Ozudogru E.A., Gozukirmizi N. (2000) Towards identification of drought related molecular markers via bulk segregant analysis. Proc. International Congress "2nd Balkan Botanical Congress". Istanbul, Turkey, Vol 2, pp. 173-181.

7.4. International Books and Book Chapters

International Books

- Margherita Beruto and Elif Aylin Ozudogru (eds.) Proceedings of the VI International Symposium on Production and Establishment of Micropropagated Plants, ACTA Horticulturae, N° 1155, published by ISHS, Leuven, Belgium, 2017. ISSN: 0567-7572 (print) 2406-6168 (electronic), ISBN: 978 94 6261 151 1. pp. 636.
- Maurizio Lambardi, Elif Aylin Ozudogru and Mohan S. Jain (eds.) Protocols for Micropropagation of Selected Economically-Important Horticultural Plants, Humana Press-Springer, New York, Heidelberg, Dordrechth, London, 2013. ISSN: 1064-3745, ISBN: 978-1-62703-073-1, DOI: 10.1007/978-1-62703-074-8. pp. 490.

International Book Chapters

- Graça D., Correia S., Ozudogru E.A., Lambardi M. Canhoto J.M. (2018) Cryopreservation of tamarillo (*Solanum betaceum* Cav.) embryogenic cultures, in *Step Wise Protocols for Somatic Embryogenesis of Important Woody Plants* (eds. S. M. Jain, P. Gupta), Forestry Sciences vol. 85. Springer, New York, Heidelberg, Dordrechth, London, pp. 95-101.
- Ozudogru E.A., and Lambardi M. (2015) Cryotechniques for the long-term conservation of embryogenic cultures from woody plants, in *In Vitro Embryogenesis in Higher Plants* (eds. M.A Germanà, M. Lambardi), Humana Press-Springer, New York, Heidelberg, Dordrechth, London, pp. 537-550.
- Lambardi M., Ozudogru E.A. and Roncasaglia R. (2013) *In Vitro* Propagation of Olive (*Olea europaea* L.) by Nodal Segmentation of Elongated Shoots, in *Protocols for Micropropagation of Selected Economically-Important Horticultural Plants* (eds. M. Lambardi, E.A. Ozudogru and M.S. Jain), Humana Press-Springer, New York, Heidelberg, Dordrechth, London, pp. 33-44.

- Ozudogru E.A., Kaya E. and Lambardi M. (2013) *In Vitro* Propagation of Peanut (*Arachis hypogaea* L.) by Shoot Tip Culture, in *Protocols for Micropropagation of Selected Economically-Important Horticultural Plants* (eds. M. Lambardi, E.A. Ozudogru and M.S. Jain), Humana Press-Springer, New York, Heidelberg, Dordrechth, London, pp. 77-88.
- De Carlo A., Lambardi M. and Ozudogru E.A. (2011) Cryogenic Technologies for the Long-Term Storage of Citrus Germplasm, in *Plant Embryo Culture: Methods and Protocols* (eds. T.A. Thorpe and E.C.T. Yeung), Humana Press, Springer, USA, pp. 185-200.
- Ozudogru E.A., Previati A. and Lambardi M. (2010) *In vitro* Conservation and Cryopreservation of Ornamental Plants, in *Protocols for in vitro Propagation of Ornamental Plants* (eds. S.M. Jain and S.J. Ochatt), Humana Press, Springer, New York, pp. 303-324.
- Lambardi M., Ozudogru E.A., Benelli C. (2008) Cryopreservation of embryogenic cultures. In: B. Reed (ed) *Plant Cryopreservation: A Practical Guide*, Springer, Berlin, pp. 177-210.
- Lambardi M., Benelli C., Ozudogru E.A., Ozden-Tokatli Y. (2006) Synthetic seed technology in ornamental plants. In: Teixeira da Silva JA (Ed) *Floriculture, Ornamental and Plant Biotechnology: Advances and Topical Issues*, Global Science Books, UK, vol. II., pp. 347-354.

7.5. National Journals

- Lambardi M., Ozudogru E.A., Pedrosa Correa da Silva D. (2013) Innovazione nella crioconservazione di germoplasma vegetale. *Acta Italus Hortus* 12: 143 (in Italian).
- Lambardi M., Benelli C., De Carlo A., Ozudogru E.A., Serra S., Da Re F., Previati A. (2013) Sviluppo di una criobanca per la conservazione a -196°C di gemme dormienti da antiche varietà di melo del Veneto. *Acta Italus Hortus* 12: 154.
- Benelli C., Lambardi M., Ozudogru E.A., Dradi G., Roncasaglia R. (2013) Conservazione *in vitro* in crescita rallentata di specie ornamentali: progressi e risultati del progetto 'VITROFLOR'. *Acta Italus Hortus* 12: 159.
- Ozudogru E.A. (2011) Coltura e conservazione *in vitro* per contrastare la perdita di risorse genetiche della Turchia. *ACTA Italus Hortus* 1(2), 17-21 (*Italyanca*).
- Dradi G., Lambardi M. and Ozudogru E. A. (2011) Micropropagation of fruit rootstocks in Italy. *ТЕХНОЛОГИИ*, 76-79 (*Rusça*).
- Benelli C., Ozudogru E.A., Roncasaglia R., Lambardi M. (2011) Conservazione *in vitro* di specie ornamentali mediante crescita rallentata: progetto 'VITROFLOR'. *ACTA Italus Hortus* 2: 55-58.
- Lambardi M. and Ozudogru E. A. (2010) La propagazione "*in vitro*" dei portinenesti e delle specie da frutto. *Rivista di Frutticoltura e di Ortofloricoltura* 12, 18-25 (*Italyanca*).
- Özden, Y., Özüdoğru, E.A., Kaya, E., Akdemir, H. (2010). Zeytin (*Olea europaea* L.) bitkisinin geçici daldırma biyoreaktör sistemleri (TIS) ile *in vitro* sürgün çoğaltımı iyileştirilmesi. *Zeytin Bilimi Dergisi*, Sayı 1(1), 1-6 (*Türkçe*).
- Ozudogru E.A. (2009) La micropropagazione in Turchia, Grecia e Bulgaria, *Italus Hortus*, 16(2), 32-36 (*Italyanca*).
- Ozudogru E.A., Ozden-Tokatli Y., Gumusel F. and Lambardi M. (2009) Micropropagazione di *Arachis hypogaea* mediante coltura liquida in immersione temporanea, *Italus Hortus*, 16(2), 282-285 (*Italyanca*).
- Roncasaglia R., Benelli C., De Carlo A., Dradi G., Lambardi M. and Ozudogru E.A. (2009) Fattori che influiscono sulla conservazione in crescita rallentata di specie da frutto, *Italus Hortus*, 16(2), 234-238 (*Italyanca*).

7.6. National Proceedings

- De Carlo A., Lambardi M., Benelli C., Ozudogru E.A., Da Re F., Serra S. and Previati A. (2014) Crioconservazione di melo e agrumi: la criobanca del CNR-IVALSA di Firenze. *Raccolta Riassunti X Convegno Nazionale sulla Biodiversità*, Roma 3-5 settembre 2014, p. 61 (*Italyanca*).
- Lambardi M., Benelli C., De Carlo A., Ozudogru E.A. and Pedrosa Correa Da Silva D. (2014) Innovazione nella crioconservazione del germoplasma di specie arboree. *Raccolta Riassunti X Convegno Nazionale sulla Biodiversità*, Roma 3-5 settembre 2014, p. 114 (*Italyanca*).
- De Carlo A., Benelli C., Ozudogru E.A., Cencetti G., Michelozzi M. (2014) Oli essenziali in piante di interesse agro-ambientale propagate in vitro. *Il Convegno Nazionale della Società Italiana per la Ricerca degli Oli Essenziali (SIROE)*, *Natural* 1, p. 63 (*Italyanca*).

- De Carlo A., Lambardi M., Benelli C., Ozudogru E.A., Serra S., Da Re F., Previati A. (2014) Crioconservazione di melo e agrumi: la criobanca del CNR-IVALSA di Firenze. X. Convegno Nazionale sulla Biodiversità, 3-5 Settembre 2014, Nazionale delle Ricerche, Roma, 24-31 (*Italianca*).
- Ozudogru E.A., Ozden-Tokatli Y., Kaya E., Akdemir H., Benelli C., Gumusel F., Lambardi M. (2007) Domates bitkisinin *in vitro* çoğaltımı ve tek aşamalı dondurma yöntemleri ile kriyoprezervasyonu. XV. Ulusal Biyoteknoloji Kongresi, Ekim 28-31, Antalya, Türkiye, pp. 13-14.
- Ozden-Tokatli Y., Ozudogru E.A., Kaya E., Akdemir H., Benelli C., Gumusel F., Lambardi M. (2007) Bitki doku kültüründe geçici daldırma sistemlerinin kullanımı. XV. Ulusal Biyoteknoloji Kongresi, Ekim 28-31, Antalya, Türkiye, pp. 148-150.
- Ozudogru E.A., Ozden-Tokatli Y., Gumusel F., Lambardi M. (2007) Yerfıstığı zigotik embriyolarının uzun süreli saklanması amacıyla kriyoprezervasyon yöntemlerinin geliştirilmesi. 1. Ulusal Yağlı Tohumlar ve Biyodizel Sempozyumu, Mayıs 28-31, Samsun, Türkiye, pp. 86-94.
- Ozden-Tokatli Y., Ozudogru E.A., Gumusel F., Lambardi M. (2007) Dehidratasyon ve kriyoprezervasyonun antepfıstığı tohumlarının canlılığı ve çimlenmesi üzerine etkileri. 1. Ulusal Yağlı Tohumlar ve Biyodizel Sempozyumu, Mayıs 28-31, Samsun, Türkiye, pp. 114-122.

7.7. Other Publications

National Book Chapters

- Gatti E., Ozudogru E.A., Lambardi M., Sgarbi E. (2015) Micropropagazione di *Quercus robur* con bioreattore Plantform, in *Coltura in vitro: note di laboratorio* (eds. M. Micheli, E. Caboni, M. Lambardi, S. Monticelli), Pubblicato dalla Società di Ortoflorofrutticoltura Italiana (SOI), Firenze, pp. 24-25.
- Ozudogru E.A., Lambardi M., Pedrosa Correa da Silva D., Benelli C. (2015) Proliferaçione e radicaçione contemporanea di carex (*Carex oshimensis*, cv Evergold) mediante coltura liquida in immersione temporanea con sistema Plantform, in *Coltura in vitro: note di laboratorio* (eds. M. Micheli, E. Caboni, M. Lambardi, S. Monticelli), Pubblicato dalla Società di Ortoflorofrutticoltura Italiana (SOI), Firenze, pp.26-28.
- Lambardi M., Benelli C., Ozudogru E.A., Roncasaglia R., De Carlo A. (2015) Modulazione del contenuto di saccarosio per migliorare la conservabilità a bassa temperatura di alcuni portinnesti e cultivar di specie da frutto, in *Coltura in vitro: note di laboratorio* (eds. M. Micheli, E. Caboni, M. Lambardi, S. Monticelli), Pubblicato dalla Società di Ortoflorofrutticoltura Italiana (SOI), Firenze, pp.82-84.
- Lambardi M., Ozudogru E.A. (2015) accorgimenti per migliorare la funzionalità dei contenitori Plantform per la coltura liquida in immersione temporanea, in *Coltura in vitro: note di laboratorio* (eds. M. Micheli, E. Caboni, M. Lambardi, S. Monticelli), Pubblicato dalla Società di Ortoflorofrutticoltura Italiana (SOI), Firenze, pp.106-108.

8. Projects

- | | |
|----------------------|--|
| As a project leader; | 1 Institutional Project (BAP, GIT) |
| As researcher; | 7 Institutional Project (BAP, GIT)
1 International Project (TUBITAK – CNR)
3 National Project (CNR / IVALSA) |

9. Administrative Duties

10. Memberships in Scientific Organizations

- SOI, Società Orticola Italiana (2010-....)
- ISHS, International Society for Horticultural Science (2006-....)
- National Society for Olive and Olive Oil 82006-2011)
- Society for *In vitro* Biology (2004-2005)

11. Awards and Fellowships

CNR Fellowship (Florence, Italy) (2005-2008)
 Publication Incentive Award, TÜBİTAK (2005)
 IPGRI Fellowship (Roma, İtalya) (2005)
 SIVB Student Travel Award (San Francisco, U.S.A) (2004)
 MASHAV Fellowship (Rehovot, İsrail) (2000)

12. Please fill the table below for the undergraduate and graduate courses you have given in the last two years

Academic Year	Period	Course Title	Weekly Hours		No of Student
			Theoric	Application	
	Autumn				
	Spring				
	Autumn				
	Spring				

Note: If opened, summer courses will be added to the table.