

Dr. MAURIZIO LAMBARDI

CURRICULUM VITAE ET STUDIORUM

An Italian citizen, he was born in Florence, Italy, on February 12, 1957.



Professional position

- **‘Primo Ricercatore’** (*Senior Researcher*) of the **National Research Council (CNR) of Italy**, at the IVALSA-‘Istituto per la Valorizzazione del Legno e delle Specie Arboree’ (*Trees and Timber Institute*) of Sesto Fiorentino (Florence).
- National Scientific Qualification as **‘Professore Universitario di Prima Fascia’** (*Full-Professor*) in the sector 07/B2-Arboriculture and forest systems.
- **‘Idoneità’** (*professional qualification*) as **‘Dirigente di Ricerca’** of the **National Research Council (CNR) of Italy** (4/3/2011).

Current positions in the CNR

- From 1.10.2005: **Leader of the CNR ‘Commissa’** (*Project*) **‘AG.P04.036, Salvaguardia e Valorizzazione delle Specie Legnose’** (*Safeguard and Exploitation of Woody Plants*), in the frame of the ‘Dipartimento Bio-Agroalimentare’ (*Department of Bio-Agri-Food*)
- From the 2002: **Member Elected of the IVALSA ‘Consiglio d’Istituto’** (*Council of the Institute*)
- From the 2002: **Responsible of the IVALSA Laboratory ‘Tecnologie in vitro e crioconservazione’** (*In vitro technologies and cryopreservation*)

Positions at National and International level

- **Chairperson of the Commission Molecular Biology and In Vitro Culture**, as part of the ISHS/International Society of Horticultural Science (<http://www.ishs.org/molecular-biology-and-vitro-culture>), from 2010 onwards.
- **Chairman of the SLTB/Society for Low Temperature Biology** (2012-2014)
- **Member of the Executive Council, and Secretary of the Section ‘Frutticoltura’ of the SOI/‘Società di Ortoflorofrutticoltura Italiana’** (*Italian Society of Horticulture*) (www.soihs.it)
- **Coordinator of the SOI (Italian Society of Horticulture) Working Group ‘Micropropagazione e tecnologie in vitro’** (*Micropropagation and in vitro technologies*) (http://www.soihs.it/index.php?option=com_content&task=view&id=46&Itemid=181)
- **Honorary Member of the SHST/Horticulture and Forestry Society from Transylvania** (<http://www.shst.ro>)
- **‘Accademico Corrispondente’** (*Corresponding Academic*) of the “Accademia dei Georgofili” (www.georgofili.it)
- **Member of the Editorial Board of the ISI International Journal ACTA PHYSIOLOGIAE PLANTARUM** (Springer).
- **Member of the Editorial Board of the ISI International Journal PROPAGATION OF ORNAMENTAL PLANTS** (official Journal of the ‘International Plant Propagators Society’, www.journal-pop.org)
- **Member of the Editorial Board of the ISI International Journal CRYOLETTERS** (Royal Veterinary College, UK; <http://www.cryoletters.org>)
- **Member of the Editorial Board of the ISI International Journal NOTULAE BOTANICAE HORTI AGROBOTANICI** (<http://www.notulaebotanicae.ro>)

Main Participations to National and International Research Projects

As *Scientific Responsible* for his Institute:

- “Amelioration des cultivars africains de manioc” (EEC Project , 1991-1993).

- “Development of advanced technologies for the plants” promoted by the Italian Ministry of Agriculture and Forests (MAF), project "*Induction and proliferation of embryogenic tissue for forest species plantlet regeneration*" (1992-1993).
- International Bilateral Project CNR-TUBITAK (Italia-Turchia), with the Gebze Institute of Technology di Kocaeli (Turchia) on “Development of biotechnological procedures for the propagation, the cryopreservation and the molecular assay of valuable plant germplasm” (2006-2007).
- International Bilateral Project Italy-Argentina (Ministry of Foreign Affairs) between the CNR/IVALSA and the IBONE/Instituto de Botanica del Nordeste, Facultad de Ciencias Agrarias (UNNE) on “Cryopreservation of plant germplasm of high economical interest” (2007-2008).
- Project “CRIOGERM”, granted by the Ente Cassa di Risparmio of Florence, Italy (2008-2009).
- Project “VITROFLOR, Innovation of in vitro techniques for the quality improvement of propagation material from ornamental plants”, granted by the ‘MIPAAF, Ministero Italiano per le Politiche Agricole e Forestali’ (*Italian Ministry for Agriculture and Forestry Politics*) (2009-2013).
- Project “*In vitro* conservation of plant germplasm”, granted by the Italian agency Veneto Agricoltura (2001 onwards).
- Project “*In vitro* and *in vivo* propagation and cultivation in Italy of pecan (*Carya illinoensis*) germplasm”, granted by the Italian agency Veneto Agricoltura, in collaboration with the Texas University, USA (2012 onwards).
- Project “POLICENTRO”, granted by the Ente Cassa di Risparmio of Florence, Italy (2012-2013).
- Project “QUALIMAPRO, Quality of the Propagation Material”, granted by the ‘MIPAAF, Ministero Italiano per le Politiche Agricole e Forestali’ (*Italian Ministry for Agriculture and Forestry Politics*) (2012-2014).

As Expert consultant:

- Co-operative Project “Development of temperate zone fruit industry in the States of Uttar Pradesh, Himachal Pradesh and Jammu & Kashmir, India”, concerning the propagation and pruning of fruit species, AGROTEC (International Organization for the Co-operation), Rome (1991-1992).

Teaching activity at the University

- ‘Docente a contratto’ (*Lecturer*) for 11 Academic Years at the University of Modena and Reggio Emilia, Faculty of Agriculture, Degree on Biotechnology, courses “Woody Plant Biotechnology” (40 hours) and “Micropropagation” (40 hours up to 2005, 24 hours from 2006) (2002-2012).

Other National and International teaching activity

- ‘Docente a contratto’ (*Lecturer*) at the ‘Scuola Diretta a Fini Speciali in Tecnica Vivaistica’ (School for Special Aims in Nursery Technology) of the University of Florence, course on ‘Piante arboree ornamentali’ (*Ornamental Trees*) (1991-1992).
- Invited Lecturer at the “International Course on Olive Growing”. Firenze, Italy (6-11/5/1996).
- Invited Lecturer at the “Second International Olive School” di New Norcia, Western Australia (4-9/7/1999).
- Invited Lecturer at the International School “Tissue culture of Woody Species and Biotechnological Applications”, organized by CABBIO (Argentinian-Brazilian School of Biotechnology) at the Universidad Nacional del Sur of Bahia Blanca, Argentina (22-27/7/2002).
- Invited Lecturer on “Biotechnologies for the preservation of woody plant biodiversity” at the Gebze Institute of Technology, Faculty of Science, of Istanbul, Turkey (23/3/2004).
- Invited Lecturer at the post-Doc School on “Conservacion in vitro de germoplasma vegetal”, Universidad Nacional del Nordeste, Facultad del Ciencias Agrarias of Corrientes, Argentina (5-7/10/2006).
- Lecturer at the theoretical and practical Course for students ‘Tecniche di micropropagazione’ (*Techniques of micropropagation*), held at the ‘Istituto Professionale di Stato per L’Agricoltura e l’Ambiente’ (*Professional Institute for Agriculture and Landscape*) of Florence, Italy (24/3/2010-14/4/2010).
- Invited Lecturer at the Course on “Plant Cryopreservation” at the Plant & Food Research of Palmerston North, New Zealand (17–25/11/2010).
- Lecturer at the Course of Specialization for Teachers of High-School ‘Tecniche di micropropagazione’ (*Techniques of micropropagation*), held at the ‘Istituto Professionale di Stato per L’Agricoltura e

l'Ambiente' (*Professional Institute for Agriculture and Landscape*) of Florence, Italy (7/4/2011-5/6/2011).

- Invited Lecturer at the “CRYO2012, International Workshop on In Vitro Conservation and Cryopreservation of Plant Genetic Resources”, Universidade Federal de Lavras, Brazil, 11-13/6/2012.
- Invited Lecturer at the “Summer School of Floriculture”, Sanremo-Pescia, Italy, 10-14/9/2012.
- Lecturer and Co-Organizer at the ‘Corso di micropropagazione (propagazione in vitro): teoria e pratica’ [*Course on micropropagation (in vitro propagation): theory and practice*], organized by the Vivai Piante Battistini of Cesena, Italy (22-26/10/2012).
- Lecturer and Co-Organizer at the ‘Corso di crioconservazione di specie vegetali: teoria e pratica’ (*Course on plant cryopreservation: theory and practice*), organized by CNR-IVALSA.
- Lecturer at the Course “Applied Cryopreservation (Ultra-Cold Storage) and Synthetic Seed Production in Plants”. Adana, Turkey, 16-17/4/2014.
- Lecturer at the International Master “Biotechnology for Medicinal and Aromatic Plants - BiotecMAP”, Department of Agriculture and Environmental Science, University of Bari, Course “Cryopreservation and in vitro conservation of plant germplasm (2015).

Academic lectures (invited) in Italian and foreign Universities

- 1993: University of Florence, Faculty of Forestry Science. Title: “Tecniche di propagazione vegetativa: talea ed innesto” (*Vegetative propagation techniques: cutting and grafting*). Florence, 21/1/1993.
- 1995: Petawawa National Forestry Institute. Title: “Somatic embryogenesis in mediterranean cypress (*Cupressus sempervirens* L.)”. Chalk River, Canada, 16/8/1995.
- 1995: University of Parma, Faculty of Agriculture. Title: “Colture in vitro di cellule e tessuti vegetali” (*In vitro culture of plant cells and tissues*) e “Biotecnologie vegetali” (*Plant biotechnology*). Parma, Italy, 29/11/1995 and 6/12/1995.
- 1997: University of Tuscia, Department of Plant Productions. Title: “Conifere ornamentali: uso e propagazione” (*Ornamental conifers: use and propagation*). Viterbo, Italy, 22/05/1997.
- 2000: University of Pisa, School of Specialization on Plant Biotechnology. Title: “Nuove tecnologie per la crioconservazione di specie arboree” (*New technologies for the conservation of woody species*). Pisa, Italy, 18/4/2000.
- 2004: Gebze Institute of Technology, Faculty of Science, Biology Department. Title: “Biotechnology for the preservation of woody plant biodiversity”. Istanbul, Turchia, 23/3/2004.
- 2006: University of Milan, Ph.D. in “Biologia vegetale e produttività della pianta coltivata”. Title: “Cryopreservation techniques for the safeguard of woody plant germplasm”. Milan, Italy, 8/2/2006.
- 2008: Katolieke Universiteit Leuven, Laboratory of Tropical Crop Improvement. Title: “Micropropagation and in vitro conservation of woody plant germplasm at the CNR-IVALSA Institute of Florence”. Leuven, Belgium, 5/6/2008
- 2009: University of Parma, Department of ‘Biologia Evolutiva e Funzionale’. Title: “Cryopreservation for the safeguard of plant biodiversity”. Parma, Italy, 3/6/2009.
- 2009: Umea Plant Science Centre. Title: “Micropropagation, slow growth storage and cryopreservation of woody plant germplasm at the CNR-IVALSA Institute of Florence”. Umea, Svezia, 17/9/2009.
- 2011: Polish Academy of Science. Title: “Cryopreservation for the *ex situ* preservation of woody plant germplasm”. Kornik, Poland, 19/5/2011.
- 2013: Zürcher Hochschule für Angewandte Wissenschaften (ZHAW), Institut Umwelt und Natürliche Ressourcen (UNR). Titles: “Cryopreservation and cryotherapy for the healthy conservation of plant biodiversity” and “Overview on micropropagation and in vitro technologies”. Zurich, Swiss, 5 and 7/3/2013.
- 2013: University of Palermo, Department of Agriculture and Forest Sciences. Title “Crioconservazione e crioterapia per la salvaguardia della biodiversità vegetale” (*Cryopreservation and cryotherapy for the safeguard of plant biodiversity*). Palermo, Italy, 16/5/2013.

Partecipation to International Commissions

- Member of the International Assessment Committee in 6 Ph.D. examinations (India, UK, Denmark, Brasil).
- Expert evaluator for INTAS (International Association for the cooperation with scientists from the New Independent States, ex-Soviet Union), ISTC/MHTH (International Science & Technology Center) and

SEE-ERA.NET of Brussels, Belgium, to evaluate project proposals on plant propagation and biotechnology (2001-2008)

- Expert evaluator of the International Bureau of the Federal Ministry of Education and Research at the Project Management Agency (c/o German Aerospace Center, DLR) for projects submitted to the Ministry of Education and Science of the Russian Federation of the Government of the Russian Federation “On measures designed to attract leading scientists to the Russian institutions of higher learning” (2010 onwards).
- Expert evaluator of the Ministry of Science and Technological Development of the Serbia Republic for projects on basic and applied research, and technological development (2010 onwards).
- Member of the Commission for the final exam of the Ph.D. in “Scienze e biotecnologie agrarie”, XXII and XXIII cycles. University of Udine, 30/3/2011.
- Member for Italy of the Management Committee for the EU COST Action 871 “CryoPlanet, Cryopreservation of Crop Species in Europe” (2007-2012).
- Expert evaluator for the Ministry of Science del Montenegro for projects submitted in the frame of “HERIC, HIGHER EDUCATION AND RESEARCH FOR INNOVATION AND COMPETITIVENESS” (2012 onwards).

Partecipation to National Commissions

- Member of the International Assessment Committee in 3 Ph.D. examinations (University of Udine and Palermo).
- Expert evaluator of the ARSIA (Agency for the Development and the Innovation in Agriculture and Forestry of Tuscany) for projects submitted for funding in the area of “Plant cultivation” (2003-2010).
- Member of the Commission for one position as technical-scientific Researcher at the ‘Istituto Regionale per la Floricoltura’ of Sanremo, Italy (9-10/12/2010).
- Expert evaluator of two projectes (“Basi genetiche e molecolari delle interazioni polline-pistillo e controllo riproduttivo in specie arboree da frutto”, “Miglioramento della produzione di biocombustibili e molecole ad elevato valore aggiunto in alghe unicellulari”) submitted for evaluation in the frame of the call PRIN 2012 (D.M. 28 dicembre 2012 n. 957/ric), sector LS - Life Sciences (deadline, 30/07/2013).
- Member of the Commission for one position as technical-scientific Researcher at the ‘Istituto Regionale per la Floricoltura’ of Sanremo, Italy (26-27/1/2015).

Invited Speaker at National and International Congresses/Symposia/Conferences

- 1999: “1° Workshop sulle Colture cellulari vegetali” (*1° Workshop on plant cell cultures*), organized by the Società Italiana di Fitochimica, Florence, 26-27/4/1999. Title: “Sistemi di rigenerazione in vitro di specie arboree e loro applicazione alla propagazione, trasformazione genetica e conservazione del germoplasma” (*In vitro regeneration systems of woody plants and their use for the propagation, genetic transformation and conservation of germplasm*).
- 1999: “Third Olive Cultural and Scientific Symposium”. New Norcia, Australia, 9-11/7/1999. Title: “Olive growing in Italy”.
- 1999: “World Congress of Cryobiology – CRYO ‘99”. Marsiglia, Francia, 12-15/7/1999. Title: “Cryopreservation of horticultural plants and its application to germplasm preservation and plant biotechnology”.
- 2005: International Workshop “The Role of Biotechnology for the Characterisation and Conservation of Crop, Forestry, Animal and Fishery Genetic Resources”. Turin, 5-7/3/2005. Title: “Status of cryopreservation technologies in plants (crops and forest trees)”.
- 2008: Accademia dei Georgofili, Firenze. Title: “Cryopreservation for the safeguard of plant biodiversity”, 6.3.2008.
- 2008: National Congress “La Micropropagazione in Italia: stato attuale e prospettive future”. Legnaro, Italy, 20-21/11/2008. Title: “La ricerca in micropropagazione produce innovazione?” (*Does research in micropropagation produce innovation?*).
- 2009: Workshop “La Tecnologia dell’Incapsulamento”. Perugia, Italy, 9/11/2009. Title: “Potenzialità dei semi sintetici per la conservazione di specie vegetali” (*Potential of synthetic seeds for the conservation of plant species*).
- 2011: “17th Cold Hardiness Seminar”. Kornik, Poland, 17-18 May. Title: “Biotechnological tools for the ex situ conservation of woody plant germplasm”.

- 2011: International Symposium on Cryopreservation of Horticultural Crops in China. Yangling, Shaanxi, China, 28-30/6/2011. Title: “Overviews on cryopreservation of woody plants (forest and fruit specie)”.
- 2011: “5th International Symposium on Acclimatization and Establishment of Micropropagated Plants” (ISHS), Nebraska City, USA, 16-20/10/2011. Title: “Advances in the safe storage at low temperatures of micropropagated plants”.
- 2011: National Congress “2° Convegno Nazionale di Micropropagazione”, Sanremo, Italy, 7-9/11/2011. Title: “La micropropagazione in Italia tra ricerca e produzione” (*Micropropagation in Italy between research and production*).
- 2011: “V Congress on Plant Tissue Culture and XVIII Congress on Ornamental Plants”, Joinville, Santa Catarina, Brasile, 13-18/11/2011. Title: “Suitable biotechnological tools for plant conservation”.
- 2012: “CRYO 2012 – 49th Annual Meeting of the Society for Cryobiology”, Rosario, Argentina, 3-6/6/2012. Title: “From the field to the tank: the cryo-banking of ancient Italian apple germplasm by the dormant-bud technique”.
- 2012: “Cryopreservation of crop species in Europe – Final meeting of COST Action 871 ‘CryoPlanet’”, Angers, France, 08-11/2/2011. Title: “Country report: Italy”.
- 2013: “8th IVCHB 2013 – International Symposium on In Vitro Culture and Horticultural Breeding (ISHS)”, Coimbra, Portugal, 2-7/6/2013. Title: “New perspective in commercial micropropagation of fruit trees and rootstocks”.
- 2013: “12th International Symposium ‘Prospects for the 3rd Millenium Agriculture’”, Cluj-Napoca, Romania, 26-28/9/2013. Title: “Innovation in the cryopreservation (-196°C) of woody plant biodiversity”.
- 2013: “2013 International Conference of the Society of Low Temperature Biology”, Hannover, Germany, 6-9/10/2013. Title: “Advances in the cryopreservation of dormant buds from fruit germplasm”.
- 2014: “3rd International Conference of the IUFRO Somatic Embryogenesis and other Vegetative Propagation Technologies”, Vitoria-Gasteiz, Spain, 8-12/9/2014. Title: “Cryopreservation of embryogenic callus of trees: an overview”.
- 2015: “International Workshop on Long Term Preservation of Woody Species by Cryo-Techniques”. Firenze, 26-27/3/2015. Title: “Cryopreservation of woody species and cryotherapy”.
- 2015: “International Conference Low Temperature Science and Biotechnological Advanves”, New Delhi, India, 27-30/4/2015. Title: “Clonal bio-banking: a strategy for the preservation of woody plant germplasm”.

Convener of National and International Congresses/Workshops

- 2007: Convener of the “1st Meeting of Working Group 2, COST Action 871 ‘CryoPlanet’”. Florence, Italy, 10-12/5/2007.
- 2008: Co-Convener of the National Congress “La Micropropagazione in Italia: stato attuale e prospettive future”. Legnaro, Italy, 20-21/11/2008.
- 2009: Co-Convener of the Workshop “Progetti di Dottorato in Tecnologie In Vitro Applicate alle Piante”. Milano 22/10/2009.
- 2010: Convener of the “2nd Workshop on Cryopreservation by the Dormant-Bud Technique – COST 871”. CNR Research Area of Florence, 27-28/5/2010.
- 2010: Convener of the Workshop “Il supporto della ricerca alla propagazione in vitro di qualità”, IX Giornate Scientifiche SOI. Florence, Italy, 11/3/2010.
- 2011: Co-Convener of the Symposium “Preservation of Forest Species”, Annual Conference of the Society for Low Temperature Biology. London, UK, 6-7/10/2011.
- 2012: Co-Convener of the Workshop “Plant Propagation in Liquid Culture”. Scuola Superiore Sant’Anna, Pisa, Italy, 12/4/2012.
- 2012: Co-Convener of the Conference “Advances in Low Temperature Biology”, Annual Conference of the Society for Low Temperature Biology. London, UK, 11-13/10/2012.
- 2013: Co-Convener of the Workshop “Il futuro della micropropagazione in Italia: quantità e/o qualità?”, X Giornate Scientifiche SOI. Padua, Italy, 26/6/2013.
- 2014: Co-Convener of Symposium n. 26 at the “29th International Horticultural Congress - ISHS”. Brisbane, Australia, 17-22/8/2014 (http://www.ihc2014.org/symposium_26.html).

2015: Co-Convener of the “International Workshop on Long Term Preservation of Woody Species by Cryo-Techniques”. COST Action FA1104. Area di Ricerca CNR di Firenze, 26-27/3/2015.

Member of Scientific Committees or Session Chair at National and International Congresses/Symposia/Conferences

- 2008: “La Micropropagazione in Italia: stato attuale e prospettive future”, Legnaro, Italy, 20-21/11/2008 (*Scientific Committee and Session Chair*).
- 2009: “1st International Symposium on Cryopreservation in Horticultural Species”. Leuven, Belgium, 5-8/4/2009 (*Scientific Committee and Session Chair*).
- 2009: Workshop “La Tecnologia dell’Incapsulamento”. Perugia, Italy, 9/11/2009 (*Scientific Committee*).
- 2010: Workshop “La coltura in vitro applicata alla conservazione e alla valorizzazione della biodiversità”. L’Aquila, 30/9-1/10/2010 (*Scientific Committee*).
- 2010: IX Giornate Scientifiche SOI. Firenze, Italy, 10-12/6/2010 (*Session Chair*).
- 2010: “28th International Horticultural Congress - Lisboa 2010”. Lisboa, Portugal, 22-27/8/2010 (*Session Chair*).
- 2011: “17th Cold Hardiness Seminar”. Kornik, Poland, 17-18/5/2011 (*Scientific Committee*).
- 2011: “International Symposium on Cryopreservation of Horticultural Crops in China”. Yangling, Shaanxi, China, 28-30/6/2011 (*Scientific Committee*).
- 2011: “8th IVCHB 2013 – International Symposium on In Vitro Culture and Horticultural Breeding” (ISHS). Ghent, Belgium, 18-22/9/2011 (*Scientific Committee and Session Chair*).
- 2011: “5th International Symposium on Acclimatization and Establishment of Micropropagated Plants” (ISHS). Nebraska City, USA, 16-20/10/2011 (*Scientific Committee and Session Chair*).
- 2011: “2^o Convegno Nazionale di Micropropagazione”, Sanremo, Italy, 7-9.11.2011 (*Scientific Committee and Session Chair*).
- 2012: “CRYO 2012 – 49th Annual Meeting of the Society for Cryobiology”, Rosario, Argentina, 3-6 June (*Scientific Committee and Session Chair*).
- 2013: “8th IVCHB 2013 – International Symposium on In Vitro Culture and Horticultural Breeding” (ISHS). Coimbra, Portugal, 2-7/6/2013 (*Scientific Committee and Session Chair*).
- 2013: X Giornate Scientifiche SOI. Padua, Italy, 25-27/6/2013 (*Session Chair*).
- 2013: “2nd International Symposium on Plant Cryopreservation” (ISHS). Fort Collins, USA, 11-14/8/2013 (*Scientific Committee*).
- 2013: “12th International Symposium ‘Prospects for the 3rd Millenium Agriculture’”, Cluj-Napoca, Romania, 26-28/9/2013 (*Scientific Committee*).
- 2015: “6th International Symposium on Production and Establishment of Micropropagated Plants” (ISHS). Sanremo, Italy, 19-23/4/2015 (*Scientific Committee*).

Editor/Author of Books

- Co-Author of the Book “Olive Propagation Manual” by A. Fabbri, G. Bartolini, M. Lambardi, S. Kailis. CSIRO Publishing, 2004, pp. 145. ISBN 0-643-06676-4.
- Co-Editor of the Book “Protocols for Micropropagation of Selected Economically-Important Horticultural Plants” by M. Lambardi, E.A. Ozudogru, S.H. Jain (editors). Series ‘Methods in Molecular Biology’, Humana Press-Springer, Heidelberg, 2013, pp. XVI+490. ISSN 1064-3745, ISBN 978-1-62703-073-1, DOI 10.1007/978-1-63703-074-8.
- Co-Editor of the Book “In Vitro Embryogenesis of Higher Plants” by M.A. Germanà, M. Lambardi (editors). Series ‘Methods in Molecular Biology’, Humana Press-Springer, Heidelberg, 2015 (*in press*).
- Co-Editor of the Book “Colture In Vitro: Note di Laboratorio” by M. Micheli, E. Caboni, M. Lambardi, S. Monticelli. Società di Ortoflorofrutticoltura Italiana (*in press*).

Editorial Boarding and Referee for International Journals

- Member of the Editorial Board of 4 ISI International Journals (with Impact Factor): ACTA PHYSIOLOGIAE PLANTARUM, CRYOLETTERS, PROPAGATION OF ORNAMENTAL PLANTS and NOTULAE BOTANICAE HORTI AGROBOTANICI.
- Member of the Editorial Board of Acta Horticulturae n. 961 (*Proceedings of the 7th International Symposium on In Vitro Culture and Horticultural Breeding*), pp. 550.

- Reviewer of over 150 manuscripts submitted for publication to peer-reviewed International Journals, among which: Riviste ISI, CryoLetters, Plant Cell Reports, In Vitro Cellular and Developmental Biology-Plants, Annals of Botany, Plant Cell Tissue & Organ Culture, Australian Journal of Botany, Journal of Horticultural Science & Biotechnology, Propagation Ornamental Plants, Agricultural and Food Science, European Journal of Forest Research, HortScience, Scientia Horticulturae, Biologia Plantarum, Journal of Plant Pathology. Riviste non-ISI, Advances in Horticultural Science, Acta Horticulturae, Fruits, Journal of Tropical Forest Science, Philippine Agricultural Scientist, Int. Journal of Environmental Studies.

Membership and Responsibilities in National and International Societies

- Society for Low Temperature Biology (*Chairman 2011-2013*)
- I.S.H.S., International Society for Horticultural Science (*Commission Chairman*)
- SOI, Società di Ortoflorofruitticoltura Italiana (*Council Member*)
- IAPTC&B, International Association for Plant Tissue Culture and Biotechnology
- SIROE, Società Italiana per la Ricerca sugli Oli Essenziali

Publications

Author or co-author of 160 full-length papers and books on national and international journals and 62 abstracts of communications at International Congresses/Symposia.

H-index:

ISI-WEB OF KNOWLEDGE = 12 / SCOPUS = 12 / GOOGLE SCHOLAR = 19

Publications in peer-reviewed International ISI Journals (with IF): **33**

Publications in peer-reviewed International Journals (without IF): **37**

Author/editor of books and special issues: **5**

Contribution to Books: **13**

Papers presented at International Congresses/Symposia and published as full-length papers in the proceedings: **12**

Papers in scientific National Journals: **18**

Communications at National Congresses/Symposia, published as full-length paper in the proceed.: **35**

Other publications: **6**

Papers presented at International Congresses/Symposia and published in the Abstract Book: **62**

MAIN 10 PUBLICATIONS

1. **LAMBARDI M.**, HARRY I.S., MENABENI D. and THORPE T.A., 1995. Organogenesis and somatic embryogenesis in *Cupressus sempervirens* L. Plant Cell Tis. Org. Cult. 40:179-182 (IF=2.612 - Cit. 11).
2. **LAMBARDI M.**, LACHANCE D., SEGUIN A. and CHAREST P.J., 1998. Evaluation of Microprojectile-DNA delivery and reporter genes for genetic transformation of the Mediterranean cypress (*Cupressus sempervirens* L). Plant Cell Rep. 18: 198-202 (IF=2.936 – Cit. 9).
3. SANITA' DI TOPPI L., **LAMBARDI M.**, PAZZAGLI L., CAPPUGI G., DURANTE M. and GABBRIELLI R., 1998. Response to cadmium in carrot in vitro plants and cell suspension cultures. Plant Sci. 137: 119-129 (IF=4.114 – Cit. 102).
4. SANITA' DI TOPPI L., **LAMBARDI M.**, PECCHIONI N., PAZZAGLI L., DURANTE M. and GABBRIELLI R., 1999. Effects of cadmium stress on hairy roots of *Daucus carota*. J. Plant Physiol. 154: 385-391 (IF=2.77 – Cit. 30).
5. **LAMBARDI M.**, FABBRI A. and CACCAVALE A., 2000. Cryopreservation of white poplar (*Populus alba* L.) by vitrification of in vitro-grown shoot tips. Plant Cell Rep. 19: 213-218 (IF=2.936 – Cit. 113).
6. WANG Q.C., PANIS B., ENGELMANN F., **LAMBARDI M.** and VALKONEN J.P.T., 2009. Cryotherapy of shoot tips: a technique for pathogen eradication to produce healthy planting materials and prepare healthy plant genetic resources for cryopreservation. Ann. Appl. Biol. 154(3): 351-363 (IF=1.955 – Cit. 63).
7. CARLOZZI P. and **LAMBARDI M.**, 2009. Fed-batch operation for bio-H₂ production by *Rhodospseudomonas palustris* (strain 42 OL). Renewable Energy 34:2577-2584. (IF=3.36 – Cit. 16).
8. LYNCH P.T., SIDDIKA A., JOHNSTON J.W., TRIGWELLA S.M., MEHRAA A., BENELLI C., **LAMBARDI M.** and BENSON E.E., 2011. Effects of Osmotic Pretreatments on Oxidative Stress, Antioxidant Profiles and Cryopreservation of Olive Somatic Embryos. Plant Science, 181:47-56 (IF=4.114 – Cit. 14).

9. GANINO A., SILVANINI D., BEGHÈ C., BENELLI C., **LAMBARDI M.** and FABBRI A., 2012. Anatomy and osmometric studies of the *Vitis* rootstock shoot tips recalcitrant to cryopreservation. *Biol. Plant.*, 56 (1):78-82 (IF=1.74 – Cit. 7).
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