



European curriculum vitae

Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

E-mail(s)

SKYPE

Nationality

Date of birth

Gender



LUCIA MARTINELLI

-private: Passaggio Peterlongo 8, 38100, Trento, Italy

-work: MUSE – Science museum, Corso del Lavoro e della Scienza n° 3- 38122 Trento, Italy

-private +39.0461.230736 -mobile: +39.349.2535951 -work: +39.0461.270370

-private: martinelli.lucia@gmail.com -work: lucia.martinelli@muse.it

lucia.martinelli.tn

Italian

05 /11 /1957

Female

Work experience

(5) Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

01.06.2011 - present

Researcher (Ricercatore II fascia, CCPL ricerca), permanent position

Head of the Area Science in Society

14, MUSE – Science museum, Corso del Lavoro e della Scienza n° 3 - 38122 Trento, Italy
(<http://www.muse.it/il-muse/Chi-Siamo/Staff/Pages/Lucia-Martinelli.aspx>)

Since June 1, 2011, I've moved to the Science Museum, Trento, for joining the research of the new MUSE activities, in the area of Science in Society. Impacts of biology innovations encompassing social expectations and concerns are the main issues of this research. A relevant part of this activity is carried out in the framework of the COST Action 1001, *Bio-objects and their boundaries: governing matters at the intersection of society, politics, and science* (13/12/2010 -31/12/2014, http://www.cost.esf.org/domains_actions/isch/Actions/IS1001) in the scientific activity of the working groups and in the participation in the management committee ([http://www.cost.esf.org/about_cost/who/\(type\)/5/\(wid\)/27704](http://www.cost.esf.org/about_cost/who/(type)/5/(wid)/27704)), in the CHB network (Culture, health and bioethics - Conceptual clusters and cultural theory) hosted by the Uppsala University and in the European project 'Responsible Research and Innovation (RRI) in synthetic biology SYN-ENERGENE' (FP7-SIS) within the ECSITE consortium (<http://www.synenergene.eu/>).

(4) Dates

Occupation or position held

Main activities and responsibilities

10.10.1988 - 30.05.2011

Researcher (Ricercatore II fascia, CCPL ricerca), permanent position

Head of the Functional Genomics Platform and GMO detection (former Cellular and Molecular Biology Unit). Responsibility for the research and management activities of the Platform.

Laboratory establishment and management: founder of the laboratories for the Cellular Biology and for the GMO detection (this latter has also been certified for the institutional analysis).

For more information go to <http://europass.cedefop.eu.int>

	Setting up of tools for research communication.
Name and address of employer	Fondazione Edmund Mach – IASMA (www.iasma.it), via E. Mach 1, 38010 San Michele all'Adige (TN), Italy.
Type of business or sector	Research in the field of plant functional genomics, experimental biology and biotechnology, plant genetics, GMO detection, Science & Society relation and scientific communication. Development of (i) molecular tools for studying gene functions; (ii) efficient <i>in vitro</i> morphogenesis; (iii) innovative exogenous gene transfer; (iv) analysis of foreign gene quantification and expression; (v) analysis for GMO detection; (vi) tools for risk perception, assessment and communication in the field of biotechnology; (vii) tools and guidelines for different actors' engagement in public discussion, in particular concerning biotechnology; (viii) IT platforms for information management.
(3) Dates	01.04.1987 – 07.10.88
Occupation or position held	Researcher, permanent position (position left to move to IASMA, in agreement to the offer for the establishment of a biotechnology research unit).
Main activities and responsibilities	Project leader of the plant tissue culture and gene transfer section. Selected leading scientist for the setting up of the first centre for crop biotechnology of the Agrimont Company at the Agrobiotecnologie Centre of Massa-Carrara, Italy. This activity was carried out : (i) at the Holding main office in Milan, Italy (01.04.87 – 31.05.87); (ii) at the <i>Plant Cell Research Institute</i> (PCRI) in Dublin, California, USA (01.06.87 – 31.03.88); (iii) at the <i>Centro Agrobiotecnologie</i> in Massa-Carrara, Italy (01.06.88 – 07.10.88).
Name and address of employer	Company Agrimont R&S (Montedison Group), via Medici del Vascello 40/C, 20138 Milano, Italy
Type of business or sector	Plant tissue culture section. Development of molecular tools for genetic improvement of crops. Active role in the planning of the facilities, in the setting up of the research laboratory and in the selection and training of the personnel.
(2) Dates	01.04.1985 – 30.09.1986
Occupation or position held	Visiting scientist
Main activities and responsibilities	(i) (April 1985 – March 1986): scholarship, Utrecht University, NL; (ii) (April 1986 – September 1986): ST Grant, Commission of the European Communities, DGXII, Research Action Programme Biotechnology.
Name and address of employer	Wageningen Agricultural University, P.O. Box 9101, 6700 HB Wageningen, The Netherlands. Department of Genetics, group of Prof. M. Koornneef.
Type of business or sector	Plant Genetics and Molecular Biology. Plant morphogenesis, development of molecular tools for genetic improvement of crops.
(1) Dates	01.04.1982 - 30.03.1985
Occupation or position held	Young researcher
Main activities and responsibilities	(i) (January 1983 – March 1985): Stagiaire researcher; (ii) (March 1983 – December 1983): Fellowship, ERSO, Cesena, Italy; (iii) (April 1982 – February 1983): Stagiaire researcher
Name and address of employer	University of Bologna, Faculty of Science, Genetic Institute, via Selmi 1, 40126 Bologna, Italy
Type of business or sector	Genetics. Research projects to develop advanced tools for the genetic improvement of crops based on tissue culture and somaclonal variation.

Education and training

(1) Dates	05.11.2001 - 29.03.2004
Title of qualification awarded	Master of Scientific Journalism and Communication
Principal subjects/Occupational skills covered	Theoretical and practical training on the main aspects of scientific and journalism communication, and institutional communication.

<p>Skill acquired: delivering scientifically rigorous and clear communication to various kinds of targets and cultures (including scientific community, stakeholders and lay citizens) and ability to support and mediate the institutional decision-making processes.</p> <p>Title of the Master thesis: <i>"Communication processes and participation. A paradigmatic study: the location of a waste site."</i> (published in: www.rifutilab.it Newsletter N° 71 Sept. 22, 2004).</p> <p>Name and type of organisation providing education and training</p> <p>Level in national or international classification</p> <p>(2) Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p>	<p>CARID, University of Ferrara, via Savonarola 27, 44100 Ferrara, Italy</p> <p>Post-graduate education</p> <p>10.12.1996* - 22.12.1997</p> <p>(*date of admission of graduates from universities outside the Netherlands to the PhD programme: the research was carried out at IASMA during the activity as a researcher)</p> <p>PhD, Doctor of Agricultural and Environmental Sciences</p> <p>Innovative research aiming at the development of molecular tools for the genetic improvement of grapevine.</p> <p>Technical tools developed: somatic embryogenesis and exogenous gene transfer in grape.</p> <p>Title of the PhD book: <i>"Regeneration and genetic transformation in the Vitis genus"</i>, ISBN 90-5485-767-6, Supervisor: Prof. M. Koornneef.</p> <p>Wageningen Agricultural University, P.O. Box 9101, 6700 HB Wageningen, The Netherlands</p>
<p>Name and type of organisation providing education and training</p> <p>Level in national or international classification</p> <p>(3) Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p>	<p>Post-graduate education, PhD</p> <p>05.11.1976 - 26.03.1982</p> <p><i>Laurea</i> in Biological Sciences</p> <p>Theoretical study and experimental training concerning the crucial aspects of plant and animal biology.</p> <p>Plant genetics has been the main topic of the overall academic curriculum; experimental thesis on plant biotechnology, during a two-year research period at the laboratories of the Genetics Department.</p> <p>Title of the thesis: <i>"Somatic selection in vitro on Cichorium intybus"</i>, Supervisor: Prof. D.L. Palenzona</p>
<p>Name and type of organisation providing education and training</p> <p>Level in national or international classification</p> <p>(4) Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p> <p>Name and type of organisation providing education and training</p> <p>Level in national or international classification</p>	<p>University of Bologna, Faculty of Mathematical, Physical and Natural Sciences, via Selmi 3, 49126 Bologna, Italy</p> <p>Master Degree</p> <p>01.10.1971 - 28.07.1976</p> <p><i>Maturità Classica (Liceo)</i></p> <p>Humanistic education with in depth background to get the potential qualification for any university discipline.</p> <p>Ginnasio-Liceo "G. Prati", via SS. Trinità 38, 38100 Trento, Italy</p> <p>High school specializing in classical studies</p>

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

European level (*)

Italian

Understanding		Speaking		Writing
Listening	vReading	Spoken interaction	Spoken production	

English

German

Spanish

C2 (proficient user)	C2 (proficient user)	C2 (proficient user)	C2 (proficient user)	C2 (proficient user)
B1 (independent user)	B2 (independent user)	A2 (basic user)	A2 (basic user)	A2 (basic user)
C2 (independent user)	C2 (independent user)	A2 (basic user)	A2 (basic user)	A2 (basic user)

(*) Common European Framework of Reference (CEF) level

Social skills and competences

During the training and professional activities carried out in different public and private institutions in Italy and abroad (as detailed above) and within the participation in various institutional activities (as mentioned below) the following skills have been developed: capacity to work in a multicultural and multilingual environment and to relate with various subjects of different cultural environments including institutions, politicians, and the society at large; high capability to convey complex concepts to a non-expert audience; ability to establish and maintain effective working and human relationships with people of different national and cultural backgrounds.

- Participation / coordination activity in the following Institutions:

(i) National Association of the Biologists: provincial delegate of the Trento Province;

(ii) Autonomous Province of Trento:

- Commission for the issue of the NON-GMO label: scientific expert;
- Commission for the Equal Opportunities: member and twice president;
- Commission for the Rural Development Plane: member;
- Health Commission: member.

(iii) Italian Technology Platform "Plants for the future": consultant

(iv) European Food Safety Authority (EFSA): expert in the EFSA's expert database

- Affiliations:

(i) Membership of the following scientific societies:

- the Italian Society of Agricultural Genetics (SIGA): also part of the border council 1999 – 2001, and former coordinator of the GMO group;
- the International Association for Plant Biotechnology (IAP&B).

(ii) Membership of cultural societies related to the professional activity:

- the Italian Brotherhood of Grape and Wine (elected in the "capitolo", i.e. the board).

Organisational skills and competences

Thanks to various experiences as a leader of research activities as well as in institutional roles , distinguished organisational skills and abilities have been developed in group leading and decision making based on a problem-solving approach and flexibility. Capability to work under pressure, sense of responsibility and respect for the roles, aptness to mediation, listening, idea sharing, and team-working have been developed. Besides, aptness to establishing and maintaining professional and human contacts are seen as main priorities. Noteworthy attitude to explore innovation and establish new activities.

Technical skills and competences

During a nearly 30-year experience in Italian (Bologna University; Agrimont R&S-Montedison group Company; Fondazione E. Mach – IASMA, Museo delle scienze) and foreign (Wageningen Agricultural University, NL; The Plant Cell Research Institutes, California, USA; University of Santiago de Compostela, Spain) public and industrial research institutes, skills have been acquired in carrying out autonomous research, planning and coordinating scientific research, establishing and managing laboratories, group leading, selection and training of specialized personnel, project coordination and revision, tutoring of graduated and PhD degrees, university teaching, and a relevant activity of result-dissemination. Technical skills concerned genetically modified crops, from their production to the traceability in food and feed, considering both laboratorial as well as "cultural" aspects, among them security, risk perception and assessment, and communication. Besides, competence of research on innovative approaches for scientific communication and technology

transfer from laboratory to society has been developed.

- Awards for scientific achievements:

First prize 1994 by the foundation "Rudolf Hermanns Stiftung" (Geisenheim, Germany) for the research on grape gene transfer.

- Experience of scientific project coordination (chronological order):

(i) Coordinator of Research Unit of the following scientific projects:

- Italian Ministry of Agriculture, Research National Plan, *Development of advanced technologies for crop improvement*;

- Italian Ministry of Agriculture, Research National Plan, *Plant Biotechnologies*;

- Italian National Research Committee, special project RAISA;

- Italian Ministry of Health, *Traceability of genetically modified grapes and of related products*.

(ii) Scientific Coordinator of the following scientific projects:

- Autonomous Province of Trento, Italy, research plan, *Traceability of genetically modified organisms in the agro food chain-I* (OSSERVA);

-Autonomous Province of Trento, Italy, research plan, *Traceability of genetically modified organisms in the agro food chain-II* (OSSERVA3);

- (iii) Winner of a project to be carried out at the University of Santiago de Compostela, Spain (June-December 2010: '*Developing enhanced Technology for Improving Functional Analysis*', DeTIFA) according to art. 22, 2/8/05, n 14 of the Autonomous Province of Trento (Italy) (provincial law on research) with the financial support of the European Commission, 7th FP 2007-2013 - "People" specific programme - Marie Curie actions - COFUND";

- (iv) Member of the Management Committee as Italian representative of the COST Action 1001, Bio-objects and their boundaries: governing matters at the intersection of society, politics, and science (13/12/2010 -31/12/2014);

-(v) Member of the CHB Network 'Culture, health and bioethics. Conceptual clusters and cultural theory', guested by the Uppsala University (Sweden) (2011 – 2013).

-Experience of scientific project revision:

(i) Member of the research proposal evaluation panel of the European Commission:

- 5th FP *Quality of Life and Management of Living Resources*;

- 7th FP Activity 1.2 *Sustainable production and management of biological resources from land, forest and aquatic environments, Agriculture, Forestry, Fisheries, Aquaculture*.

(ii) External expert to review the progress made by Framework Programme 7 (FP7) running projects of the European Commission.

(iii) International expert for scientific proposal evaluation for the following organization:

- The Israel Science Foundation;

- The South African National Research Foundation;

-Fundação para a Ciência e a Tecnologia (FCT), Portugal.

Computer skills and competences

Thorough knowledge of several office automation skills regularly used in everyday work, i.e. Office Automation (Word, Excel, PowerPoint, Internet), Internet Explorer, Netscape Communicator, Microsoft Photo Editor and Specific software for the analytical instruments and for the photo-microscopy used in the laboratory.

Artistic skills and competences

Singing and guitar playing, also with professional experience of public, radio and television performances. Photography.

Other skills and competences

- Activity of result dissemination:

besides a relevant number of scientific paper production, also as 'cover illustration' (as reported in the Annex), regular activity of public presentations (lectures, seminars, round table conduction and chair person activity) at congress. Participation (as organizer, chairperson, and speaker) in nearly 60 meetings for lay citizens, stakeholders, scientists and students, and interviews for radio programs and journal articles and text writer for science-theatre events.

- Experience of peer review of research articles:

as member of review borders of international scientific journals (Vitis, J. South African Society Enology & Viticulture, J. Food Agric. Environment, J. Agricultural & Food Chemistry, GM Crops, J. Food Res. and J. Nutrition Nutrition. Epidemiol.) and reviewer for scientific journals (Transgenic Research, Plant Cell Tissue Organ Culture, Plant Cell Reports, European Food Research & Technology, Trends in Biotechnology, J American Society Horticultural Science, Plant Biosystem,

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Interciencia, Australian Journal Botany, Australian Journal Agricultural Research, Science Communication), more than 80 manuscripts have been reviewed.

- Editorial activity:

- (i) Founder (2006) of the Annual Report of the Fondazione E. Mach -IASMA and responsible of the editorial board for the first 3 years of activity;
- (ii) Member of the Editorial Board of 'IASMA NOTIZIE' the journal of the Extension Centre of FEM.

- Experience in media communication :

text writing and hosting programmes for the radio, both public (RAI, the Italian National Radio and Television) and private nets, and for science-theatre events.

- Academic activity:

- (i) Professor of Genetics in the frame of the Chair "Botany" of the Superior Study Course of Viticulture and Enology, at the Istituto Agrario S. Michele a/A (aa/aa 1988/99, 1999/00, 2000/01);
- (ii) Professor of specific courses on Plant Biotechnology at the University of Bologna;
- (iii) Professor of specific course on Safety in the laboratory at the Fondazione Bruno Kessler (FBK), Trento, Italy (2010);
- (iv) Tutor at IASMA of PhD and the Master students for Italian Universities (Bologna, Padova, Modena-Reggio Emilia, Torino);
- (v) External member for PhD awards of the University of Stellenbosch (South African Republic).

Driving licence Holder of driving licence for category B vehicles

ANNEX: list of selected publications

(poster at congress have been omitted)

(i) International full papers / book chapters / monographs

- Dalla Costa L., Pinto-Sintra A.L., Campa M., Poletti V., Martinelli L., Malnoy M. (2014 *in press*) Development of analytical tools for evaluating the effect of T-DNA chimeric integration on transgene expression in vegetatively propagated plants. *Plant Cell Tiss. Org. Culture (PCTOC) J. Plant Biotechnol.* DOI 10.1007/s11240-014-0499-z
- Svalastog A.L., Allgaier J., Martinelli L., Gajovic S. (2014) Distortion, confusion, and impasses: could a public dialogue within Knowledge Landscapes contribute to better communication and understanding of innovative knowledge? *Croat. Med. J.* 55:54-60 <http://www.cmj.hr/2014/55/1/24577828.htm> (referenced in the web site of Centre for Research Ethics & Bioethics (CRB) of Uppsala University: <http://www.crb.uu.se/index.html>)
- Arobba D., Bulgarelli F., Camin F., Caramiello R., Larcher R., Martinelli L. (2014) Palaeobotanical, chemical and physical investigation of the content of an ancient wine amphora from the northern Tyrrhenian sea in Italy. *Journal of Archaeological Science* 45:226-233. <http://dx.doi.org/10.1016/j.jas.2014.02.024>; <http://www.sciencedirect.com/science/article/pii/S0305440314000739>
- Svalastog A.L., Martinelli L. (2013) Representing life as opposed to being: the bio-objectification process of the HeLa cells and its relation to personalized medicine. *Croat. Med. J.* 54:397-402 <http://www.cmj.hr/2013/54/4/23986283.htm>
- Martinelli L., Karbarz G., Gribaudo I. (2013) Gene transfer and modulation for the production of food with enhanced quali-quantitative values: potentials, promises and achievements. *Food Technology and Biotechnology* (special issue: Development in Food Industry: innovative functional food and food technology strategies) 51:208-223 http://www.ftb.com.hr/51/FTB_51-2_208-223.pdf
- Maesele P., Allgaier J., Martinelli L. (2013) Bio-objects and the media: The role of communication in bio-objectification processes. *Croat. Med. J.* 54:301-305 <http://www.cmj.hr/2013/54/3/23771763.htm>
- Martinelli L., Karbarz M., Siipi H. (2013) Science, safety and trust: the case of transgenic food. *Croat. Med. J.* 54: 91-96 doi: 10.3325/cmj.2013.54.91. <http://www.cmj.hr/2013/54/1/23444254.htm>
- Martinelli L., Vaccari I., Dalla Costa L., Poletti V., Masuero D., Vrhovsek U. (2013) Combining molecular and metabolomic analysis to evaluate transgenic *Vitis vinifera* plants expressing the *Vitreoscilla haemoglobin* (VHb). *VITIS* 52:77-84 (*Cover illustration*)
- Chrupek M., Siipi H., Martinelli L. (2012) Bio-objects as 'boundary crawlers': the case of microRNAs. *Croat. Med. J.* 53:285-288 <http://www.cmj.hr/2012/53/3/22661143.htm>

- Martinelli L., Caliarì S., D'Alessandro M., Famà P., Perna F., Rodari P., Tombolato D. (2012) Exploring visitors' opinions. Formative evaluation for the "Sustainability Gallery" at MUSE, the new Science Museum in Trento, Italy. In: Bucchi M. and Trench B. (eds.), pp. 399-402, http://www.pcst2012.org/images/PCST2012_Book_of_Papers.pdf
- Martinelli L. (2010) Gene transfer: technical visions and emotional perceptions. In: Lavino J.G. & Neumann R.B. (eds.) Psychology of Risk Perception. (Series: Psychology of Emotions, Motivations and Actions) Nova Science Publishers, Inc., Hauppauge, NY, ISBN: 978-1-60876-960-5, pp. 47-70 https://www.novapublishers.com/catalog/product_info.php?products_id=12328
- Martinelli L. (2010) Recombinant DNA (rDNA) [Entry]. In: Priest S.H. (ed.) Encyclopedia of Science and Technology Communication, Sage Publications ISBN: 9781412959209, Vol. 2, pp 623-626 <http://www.uk.sagepub.com/booksProdDesc.nav?contribId=503478&prodId=Book230802#tabview=title>
- Dalla Costa L., Mandolini M., Poletti V., Martinelli L. (2010) Comparing 17- β -estradiol supply strategies for applying the XVE-Cre/loxP system in grape gene transfer (*Vitis vinifera* L.). VITIS 49:201-208 <http://www.vitis-vea.de/admin/volltext/W0%2010%203183.pdf>
- Vaccari I., Martinelli L. (2009) Evaluation of the phosphomannose isomerase-based selection system for gene transfer in grape. VITIS 48: 137-144 (Cover illustration) <http://www.vitis-vea.de/admin/volltext/w1%2009%201299.pdf>
- Martinelli L., Gribaudo I. (2009) Strategies for effective somatic embryogenesis in grapevine (*Vitis* spp.): an appraisal. In: K.A. Roubelakis-Angelakis (ed) Grapevine Molecular Physiology & Biotechnology, 2nd edn., Springer science+Business Media B.V., NL, pp. 461-494 http://link.springer.com/chapter/10.1007%2F978-90-481-2305-6_17?LI=true
- Dalla Costa L., Vaccari I., Mandolini M., Martinelli L. (2009). Elaboration of a reliable strategy based on Real-time PCR to characterize genetically modified plantlets and to evaluate the efficiency of a marker gene removal in grape (*Vitis* spp.). J Agric. Food Chem. 2668–2677 <http://www.ncbi.nlm.nih.gov/pubmed/19265380>
- Martinelli L., Marin F. (2008) A trans-disciplinary approach to face transgenics: from laboratory to society. In: F. Molfino, F. Zucco (eds.) Women in Biotechnology, creating interfaces. Springer Science + Business Media B.V., Dordrecht, NL, pp.277-284 <http://www.springerlink.com/content/r58t46821058x776/>
- Cadavid-Labrada A., Medina C., Martinelli L., Arce-Johnson P. (2008) Somatic embryogenesis and efficient regeneration of *Vitis vinifera* L. cv. Carménère plants. VITIS 47:73-74 <http://www.vitis-vea.de/admin/volltext/w1%2008%20632.pdf>
- Dalla Costa L., Martinelli L. (2007) Development of a Real-Time PCR Method Based on Duplo Target Plasmids for Determining an Unexpected Genetically Modified Soybean Intermix with Feed Components. J Agric. Food Chem. 55:1264 -1273 http://pubget.com/paper/17300150/Development_of_a_real_time_PCR_method_based_on_duplo_target_plasmids_for_determining_an_unexpected_genetically_modified_soybean_intermix_with_feed_components
- Martinelli L., Zambanini J., Grando S. (2004) Genotype assessment of grape regenerants from floral explants. Vitis , 43:119-122 (Cover illustration) <http://www.vitis-vea.de/admin/volltext/e050414.pdf>
- Savazzini F., Martinelli L. (2006) DNA analysis in wines: development of methods for enhanced extraction and Real-Time PCR quantification. Anal. Chimica Acta, 563:274-282 DOI: 10.1016/j.aca.2005.10.078 http://www.sciencedirect.com/science?_ob=ArticleListURL&_method=list&_ArticleListID=3355480&_sort=r&_st=13&_view=c&_acct=C000228598&_version=1&_urlVersion=0&_userid=10&md5=faa3e9466738e978cc43b4861e4d4012&_searchtype=a
- Bertoldi D., Tassoni A., Martinelli L., Bagni N. (2004) Polyamines and somatic embryogenesis in different *Vitis vinifera* L. cultivars. *Physiologia Plantarum* 120:657-666 <http://onlinelibrary.wiley.com/doi/10.1111/j.0031-9317.2004.0282.x/abstract>
- Martinelli L., Candioli E., Costa D., Minafra A. (2002) Stable insertion and expression of the movement protein gene of Grapevine Virus A (GVA) in grape lines (*Vitis rupestris* S.). *Vitis* 41:189-193 (Cover illustration) <http://www.vitis-vea.de/admin/volltext/e047939.pdf>
- Martinelli L., Gribaudo I (2001) Somatic embryogenesis in grapevine (*Vitis* spp.). In: K. Roubelakis-Angelakis (ed) Molecular biology and biotechnology of grapevine. Kluwer Acad. Publ., NL, pp. 327-352 (the Book has won the 2002 O.I.V. Prize)
- Martinelli L., Mandolino G (2001) Genetic transformation in *Vitis*. In: Bajaj Y. P. S. (ed.) *Biotechnology in Agriculture and Forestry*, Transgenic crops II, Springer-Verlag, Berlin, Vol 47, pp. 325-338
- Martinelli L., Gribaudo I., Bertoldi D., Candioli E., Poletti V. (2001) High efficiency somatic embryogenesis and plant germination in grapevine cultivars Chardonnay and Brachetto a grappolo lungo. *Vitis* 40:111-115 (Cover illustration) <http://www.vitis-vea.de/admin/volltext/e046015.pdf>
- Martinelli L., Candioli E., Costa D., Poletti V., Rascio N. (2001) Morphogenic competence of secondary somatic embryos with a long culture history. *Plant Cell Reports* 20:279-284
- Iacono F, Martinelli L (1998) CO₂ assimilation and transpiration balance in species of genus *Vitis* cultivated *in vivo* and *in vitro*. Estimation of stomatal and cuticular transpiration *in vitro*. *J. Intern. Sci. Vigne Vin* 32(2):91-97
- Martinelli L (1997) Regeneration and genetic transformation in the *Vitis* genus. *PhD thesis for the award of the degree of Doctor of Agricultural and Environmental Sciences at the Agricultural University of Wageningen, The Netherlands*. CIP-gegevens Koninklijke Bibliotheek, Deen Hag, NL, ISBN 90-5485-767-6

- Martinelli L, Poletti V, Bragagna P, Poznanski E (1996) A study on the organogenetic potentiality in the *Vitis* genus. *Vitis* 35:159-161 (Cover illustration) <http://www.vitis-vea.de/admin/volltext/e037890.pdf>
- Martinelli L, Mandolino G (1996) A study on insertion efficiency of an exogenous gene in a R0 population of grape (*Vitis rupestris* S.). *South African Journal for Enology and Viticulture* 17:27-30
- Martinelli L, Gianazza E (1995) Biochemical changes during regeneration of sunflower (*Helianthus annuus* L.). *Electrophoresis* 17:191-197
- Martinelli L, Mandolino G (1994) Genetic transformation and regeneration of transgenic plants of grapevine (*Vitis rupestris* S.). *Theoretical and Applied Genetics*, 88:621-628 (awarded with the First price 1994 by the foundation "Rudolf Hermanns Stiftung", Geisenheim, Germany)
- Martinelli L, Bragagna P, Poletti V, Scienza A (1993) Somatic embryogenesis from leaf- and petiole- derived callus of *Vitis rupestris*. *Plant Cell Reports* 12:207-210
- Martinelli L, Scienza A, Villa P, De Ponti P, Gianazza E (1993) Enzyme markers for somatic embryogenesis in *Vitis*. *Journal of Plant Physiology* 141:476-481
- Gianazza E, De Ponti P, Scienza A, Villa P, Martinelli L (1992) Monitoring by two- dimensional electrophoresis somatic embryogenesis in leaf and petiole explants from *Vitis*. *Electrophoresis* 13:203-209 <http://onlinelibrary.wiley.com/doi/10.1002/elps.1150130142/abstract>
- Koornneef M, van Diepen JAM, Hanhart CJ, Kieboom-de Waart AC, Martinelli L, Schoenmakers HCH, Wijbrandi J (1989) Chromosomal instability in cell- and tissue cultures of tomato haploids and diploids. *Euphytica*, 43:179-186
- Koornneef M, Hanhart C, Martinelli L (1987) A genetic analysis of cell culture traits in tomato. *Theoretical and Applied Genetics*, 74:633-641

(ii) selected most recent Italian publications

- Martinelli L. (2012) Quell'oscuro oggetto biologico. *SAPERE* giugno 2012, 3(1080):66-67
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(iii) selected Multimedia production

- Martinelli L., Marin F., Collavin E., Pellegrini G. (2005) Nuovi regolamenti europei in materia di Organismi Geneticamente Modificati: dialogo aperto tra operatori, cittadini e esperti. DVD.
- Martinelli L. (2004) Progetto OGM. TV program "Trentino Verde", IASMA, Oct. 10, 2004 (available on DVD)

(iv) science lecture-performance

- Marino E.R., Martinelli L. (2013) ETERNeTA': La vecchiaia può attendere. Teatrincorso and Museo delle Scienze, Trento. Text by Elena R. Marino e Lucia Martinelli. On screen Silvia Furlan e Lucia Martinelli, scenography and multimedia by Elena R. Marino. Support ed by Provincia Autonoma

di Trento, Fondazione Cassa di Risparmio di Trento e Rovereto, Comune di Trento, C.U.C. Trento project "La dimensione umana" and Ass. Cult. Teatrincorso project "Riti di passaggio/This is the box". Repliche: Museo delle Scienze, Trento, Apr. 18, 2013. . *Staging: (i) Museo delle Scienze, Trento, Apr. 18, 2013* <http://www.spazio14.it/wordpress/eterneta-16-aprile-al-museo-di-scienze-di-trento/>; (ii) MUSE, Trento, Sept. 27, 2013, presented as special event in the framework of the 'Researchers night: one night, 300 European cities', 2013 http://nottedeiricercatori.fbk.eu/sites/nottedeiricercatori13.fbk.eu/files/programma_low.pdf.

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(v) Selected oral presentations at Congresses from 2000

v.i International

L. Martinelli (2014) Bio-objects through theatre COST Event: Bridging the gap between Science and Art. 12-14 May 2014, Sirolo (AN), Italy <http://www.cost.eu/events/btg>

L. Martinelli, S. Caliarì, M. D'Alessandro, P. Famà, F. Perna, P. Rodari, D. Tombolato (2012) Exploring visitors' opinions. Formative evaluation for the "Sustainability Gallery" at MUSE, the new Science Museum in Trento, Italy. 12th Intern. Conference on "Public Communication of science and technology (PCST-12)", Firenze, April 18-20, 2012

Martinelli L. (2011) Technical visions and emotional perceptions on Biotechnology. VIII Congreso Internacional de Biotecnología Vegetal, BioVeg 2011", Ciego de Ávila, Cuba, May 2-4, 2011 (*invited lecture*)

Martinelli L. (2011) "Bio-objects in policy rooms: how should the social sciences and humanities contribute?". COST Action IS1001: Bio-objects and their Boundaries: Governing Matters at the Intersection of Society, Politics and Science. Public Meeting, Brussels, Belgium, Spt. 27, 2011 (*invited lecture*)

Marin F., Martinelli L. (2008) Citizens' concerns and informed choices on novel food: outcomes from a study of the willingness to buy genetically modified products. 10th conference of the International Network on Public Communication of Science and Technology (PCST-10) Malmö, Lund and Copenhagen, June 25-27, 2008

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v.ii Italian

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