
C O M P L E T E R É S U M É

S I L V A N A N I C O L A

Vegetable Crops and Medicinal and Aromatic Plants Program

Dipartimento di Scienze Agrarie, Forestali e Alimentari –

DISAFA

Department of Agricultural, Forest and Food Sciences –

Field Forest Food, F3

Università di Torino

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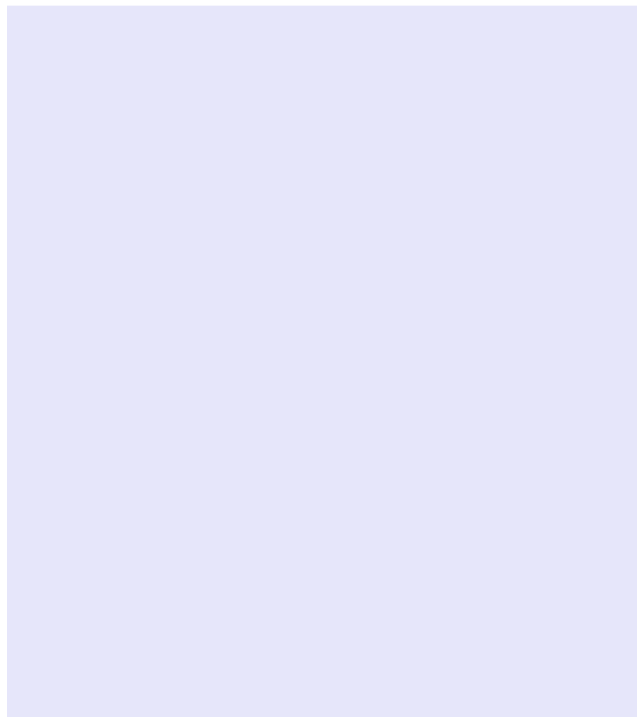
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SSD : AGR/04

MACROSETTORE : 07B/1



Università di Torino



INDEX

ABSTRACT	1
<i>Sketch</i>	1
Social skills and competences	3
Organizational skills and competences	3
Technical skills and competences	4
FULL CV	5
<i>Biographical Information</i>	5
<i>Education</i>	5
<i>Language skills</i>	5
<i>Main Experiences</i>	5
Positions and employments	5
Other Relevant Experiences/Consultancies	6
Project and Research Evaluator	6
Reviewer of International Positions and Universities	7
<i>Trustee positions, memberships</i>	7
Trustee positions; Scientific Boards; Academies; International groups	7
Professional Memberships	8
<i>International Scientific Exposures and Activities</i>	8
Speaker Invitations at International Symposia/Congresses/Meetings	8
Speaker Invitations at International/Foreign professional events	10
Presenter at International & Foreign Symposia	10
Participant at International & Foreign Symposia	11
International Scientific Committees	11
International Congress Organizations	12
International Honorary Committees	13
International Courses Organizations	13
Session Chairperson at International Symposia	13
Honors and Awards	14
<i>International Editorial Activities</i>	14
Journal Editor, Associate Editor, Editorial Board	14
Editor and Co-Editor specific issues	15
International Editorial Boards, Responsibilities and Duties	16
Occasional Reviewer	16
<i>International Relations, Collaborations and Exchanges</i>	17
Consortium Projects/Bilateral Projects/International Collaborations	17
International Invitations	18
Institutional Relations with Foreign Universities/Institutes	19
Institutional Responsibilities with Foreign Universities	20
Participant at International Fairs, Meetings	20
International Courses Taken, Professional Improvement	21
<i>National Committees and Society Activities</i>	21
National Scientific Committees	21
National Congress and Meeting Organizations	21
National Editorial Responsibilities and Duties	21
National Working Groups – Scientific Boards – Extension Service	22
<i>National Relations and Experiences</i>	22
National Invitations	22
Presenter at National Meetings and Symposia	22
Participant at National Meetings and Symposia	24
Participant at National Fairs and Expositions	25
Other Relevant Experiences	26
R&D Projects / Educational Projects	26
<i>Research</i>	31

PhD Advising	31
International Students/Internships/Doctoral Fellows/Post-Doctoral Fellows/Visiting Scientists & Professors	32
External Examiner of Theses/PhD Proposals	33
PostDoc Scientist Fellowships	34
Scientists' Training Programs	34
Advising, Tutoring, Training Programs, Financing	34
MSc and BSc Advising	36
Research Publications	39
Research, Seminars and Conference presentations (presenter*)	63
Research, Seminars and Conference presentations (not presenter)	70
Poster presentations (presenter*)	71
<i>Teaching Experience</i>	76
International	76
National	78
<i>Third Mission and Public & Social Engagement</i>	79
Training of Trainers and Experts' Meeting Experience	79
Life Long Learning Programs for Professionals/Stakeholders	80
Knowledge Transfer and Dissemination activities	81

ABSTRACT

Sketch

Scopus Author ID 14822555700; ORCID: 0000-0003-4458-5939; ResearcherID: B-8800-2008.

Google Scholar: <https://scholar.google.it/citations?user=uzFk-UoAAAAJ&hl=en>

Scopus stats (25/05/2021): 786 documents; 908 citations by 691 documents; avg citations/item 11.6; 19 *h*-index.

WoK stats (25/05/2021): 82 documents; 810 citations by 621 documents; avg citations/item 9.9; 17 *h*-index.

ASN indexes: Articles (2011-2021): 37 documents; Citations (2006-2021): 803 citazioni e 18 *h*-index

Prof. Dr. Silvana Nicola was born in Italy, in 1961, graduated in Agricultural Sciences from the University of Turin in 1988, and obtained a PhD in Horticultural Sciences from the University of Florida in 1997.

Prof. Dr. Silvana Nicola is Full Professor at the University of Turin, Italy, in Vegetable Crops & Medicinal and Aromatic Plants, where she teaches at BSc, MSc and PhD level. She is also a member of the University Committee for Foreign Affairs and President of the Commission on Foreign Affairs for Education and Research in the Department of Agricultural, Forest and Food Sciences of the same university. Dr. Nicola received the induction into the Italian Academy of Agriculture, Turin, in 2014.

Prof. Dr. Nicola has been a Fulbright Scholar in the USA (6 months, 1992-1993); a Research Assistant at the University of Florida, USA (4 years, 1993-1996); an International Visiting Scientist at the Universidad Politécnica de Cartagena, Spain (3 months 2003; 6 months, 2014); a Visiting Professor at the Hokkaido University, Japan (3 months, 2015); a Visiting Full Professor at the Kyoto University, Japan (4 months, 2016). Dr. Nicola has a tenure position at the University of Turin since 1996. As assistant, then associate and full professor she has been actively involved in faculty educational and internationalization activities and commissions.

At national level, Silvana Nicola has been member of the Board – Section Vegetables – of the Italian Society for Horticultural Science from 2004 to 2010, member of the Editorial Board of the Italian Journal of Horticultural Sciences (*Italus hortus*) from 2004 to 2011, and since 2013 she has been a member of the Technical Board of Medicinal and Aromatic Plants, Ministry of Agricultural, Forest and Food Policies.

At European level, Prof. Dr. Nicola is President of EUVRIN, the European Vegetables Research Institutes Network, since 2017, connecting all the EU Members and Associated States for research, development, knowledge transferring and dissemination, member of the Management Team and of the Board of the Network since the creation of the Network (2016). She is a member of the EU EIP-AGRI Focus Group on Fertilizer Efficiency since 2014, of the Focus Group on Circular Horticulture since 2017 and of the Focus Group on Plant-based medicinal and cosmetic products since 2019.

At the International level, Prof. Dr. Nicola is the Secretary of the International Society for Horticultural Science (ISHS), the global scientific network for horticulture, elected Member of the Board of Directors (2018-2022). Dr. Nicola is the immediate past Vice-President of the ISHS, Coordinator of the Scientific Program, elected Member of the Board of Directors (2014-2018). Previously, she has been elected Chairperson of the Section Vegetables of the same Society (2006-2010; 2010-2014) and was Chairperson of the Working Group Quality Management of Fresh Cut Produce of the ISHS (2007-2011).

Prof. Dr. Silvana Nicola is author or co-author of ca 300 publications (200+ International), referee of several international scientific journals and research projects, members of scientific committees of numerous international conferences, invited speaker at some 30 international meetings.

Dr. Nicola is Editor in Chief of a book series ‘Advances in olericulture’ (Springer). Member of the Advisory Board of the journal ‘Agricultural Communications’ (Eram Pars Scientific Publication Ltd.). Editorial Board Member of ‘Turkish Journal of Agriculture and Forestry’ (Scientific Council of Turkey, publisher. SCIE), of ‘Frontiers in Plant Science’ (Frontiers Media S.A., publisher) and of the journal ‘Horticulturae’ (MDPI, Basel, Switzerland). Member of the International Editorial Board of the ‘Journal of Horticulture and Postharvest Research’ (JHPR) (University of Birjand, Iran, Publisher). Associate editor of the Bulgarian Journal of Soil Science, Agrochemistry and Ecology (Bulgarian Agricultural Academy). Section Board Editor for ‘Protected Culture’ of *Horticulturae* for ‘Medicinals, Herbs, and Specialty Crops’ of *Horticulturae* (MDPI, Basel, Switzerland). Member of the Advisory Board of the ‘European Journal of Horticultural Science’. Guest Editor

of 'Frontiers in Plant Science, Crop and Product Physiology', Research Topic 'Soilless Cultivation through an Intensive Crop Production Scheme. Management Strategies, Challenges and Future Directions' (Frontiers Media S.A., publisher). Guest Editor of 'Sustainability', Special Issue 'Sustainable Rural Landscape: Study, Planning, and Design' (MDPI, Basel, Switzerland). Guest Editor of 'Agriculture', Special Issue 'Sustainable and Circular Horticulture' (MDPI, Basel, Switzerland). Guest Editor of 'Horticulturae', Special Issue 'Urban horticulture and nature-based solutions for better cities', 'Aquaponics circular sustainability for food security', 'Production and quality of medicinal and aromatic plants' and 'Biodiversity, Production, Processing and Quality along the chain of Herbal and Edible Flowers' (MDPI, Basel, Switzerland).

She has been external examiner of MSc and PhD students for several universities (Denmark, Pakistan, South Africa, Spain, Sweden, The Netherlands), of Professors and Scientific Officers (Denmark, Sweden, South Africa) and of Agricultural Universities (Sweden). She has acted since 1998 as expert evaluator of different EU FP projects, INTAS projects (NIS), GNSF projects (Georgia), National PRIN projects, FAO-WHO and EFSA scientific outputs.

Prof. Dr. Silvana Nicola present professional activities include: teaching on vegetable, medicinal and aromatic plant crops and production chains at the University of Turin, and research on the effect of pre-harvest environmental factors on quality and safety of fresh and fresh-cut produce, especially leafy vegetables and culinary herbs, on fresh and fresh-cut produce chain and aromatic plant production and post-harvest processes. She is actively involved in transferring technologies and innovations in horticulture to professionals and practitioners as well as to associations and stakeholders. Dr. Nicola has worked since 1988 in Horticultural Sciences and Development on seedling and transplant biology and physiology, soil and soilless culture, protected cultivation, pre- and post-harvest handling and processing, post-harvest physiology and technology, quality and safety, and supply chain management. Fields of study encompass the fresh-cut produce chain and aromatic plant post-harvest processes. Special emphasis is dedicated to hydroponics and innovation technologies for water saving in plant production systems.

Dr. Nicola was enrolled in 1996 as Assistant Professor at the University of Turin to work in collaboration of a full professor to develop research projects on Seedling biology and Transplant production of vegetable species. During the following years she became research group leader in other fields of study: she has independently developed a program on soilless culture of leafy vegetables and protected cultivation, a program on sustainable horticulture and valorization of local species, a program on pre-harvest and post-harvest physiology, handling, processing of horticultural products, a program on Medicinal and Aromatic Plants – cultivation and post-harvest management.

Dr. Nicola has worked, interacted and networked with most of the EU countries under several research and education programs and some out of the EU, with different organizations, private companies and bodies (e.g. Albania, Chile, China, Colombia, Cuba, Cyprus, Egypt, India, Iran, Japan, Jordan, Lebanon, Malaysia, Mexico, Moldova, Morocco, Pakistan, Senegal, Serbia, South Africa, Switzerland, Thailand, Turkey, UAE, USA). Throughout her career she got experience at working in a worldwide dimension not only because working in 4 different countries but also by attending more than 60 International Meetings or Symposia and by spending weeks for International exchanges in EU and non-EU universities. She has been appointed by FAO to organize and conduct Training of Trainers programs on GAP in Lebanon (2010) and she is member of the Working Group on Protected Cultivations of the FAO.

She has been invited for lecturing at College HertoDenBosch, The Netherlands (2000); Universidad Politécnica de Cartagena, Murcia, Spain (2003; 2011; 2012; 2014; 2017; 2018); Ain Shams University, Cairo, Egypt (2004); Häme Polytechnic, Lepaa, Finland (2004); Agriculture University, Plovdiv, Bulgaria (2004); Universidad Castilla-La Mancha, Albacete, Spain (2007); Università di Palermo, Italy (2007; 2011; 2012); Instituto Tecnológico del Valle de Oaxaca, Oaxaca, Mexico (2007, 2008, 2009); Zhejiang Forestry University, Lin'an, Hangzhou, Zhejiang Province, China (2008); Universidad de Almería, Spain (2012); Henan University, China (2013); SLU, Alnarp, Sweden (2014); Zhengzhou University Light Industry, China (2015); Ornamental and Vegetable Crops Research Center, Takikawa, Japan (2015); Rakuno Gakuen University, Ebetsu, Japan (2015); Hokkaido University, Sapporo, Japan (2015; 2019); Kyoto University, Kyoto, Japan (2016); Niigata Food and Agriculture University (2019).

She has been teaching at the European level under the frame of 'Lifelong Learning Programme Erasmus', project IP-BioSusHort (Germany, 2012; Croatia, 2013; Czech Republic, 2014) EuroLeague for Life Science. Since

2011, she teaches in English and Spanish at the Master in Horticulture at the Universidad Politécnica de Cartagena (Spain); she has been teaching in English and Spanish at the Master in Mediterranean Greenhouse Horticulture at the Universidad de Almería (Spain) from 2014 to 2016; since 2012, she is member of the Doctoral College of the Universidad de Almería (Spain). In October 2015, Dr. Nicola has been instructed to prepare and handle workshops for students, post-docs, teachers and senior scientists on skills for international activities for Hokkaido University, Japan. Since 2020, she is member of the Interuniversity International Doctoral College on Food, Health and Longevity of the University of Oriental Piedmont (Italy).

As teacher, Silvana Nicola has developed new syllabi for new educational programs, in all field of studies she was involved. She has also introduced new teaching methods, designed under the frame of 'laboratorial studies', with continuous interactions with the student up to final assessments. She is regularly including in her class program soft skills development related to communication skills, teamwork, organizational studying and research approaches.

Social skills and competences

Team work:

Dr. Nicola is continuously working in various types of teams at national and international level for research, teaching, associations management, extension service. Silvana Nicola has always worked in research teams, in any country she was living and engaged. Since 1997, she is the leader of a research group at home university. She has been the leader and the responsible of the Faculty Internationalization of the Education Program from 2002 to 2008, dealing among other with high education in countries other than Italy (Bologna declaration application and non-EU degrees). As President of the Foreign Affairs of the Department of Agricultural, Forest and Food Sciences, Prof. Dr. Nicola is developing international collaborations for student and staff exchange around the world, promoting common curricula and international cooperation in research activities. She is the department liaison with the University of Turin for the UNITA-Universitas Montium, the International European University Alliance funded by the EU Erasmus+ program.

At international level, as former Vice-President, Scientific Coordinator and Chair of the Executive Committee of the Scientific Society of her field of study, Silvana Nicola was continuously organizing and leading several activities related to the society interacting with peers in the Board of Directors, coordinating the activity of the members of the Executive Committee, engaged in new initiatives of the Society. In the present role of Secretary Prof. Dr. Nicola is engaged with international members in horticultural science and with national and international horticultural societies.

As member of three EIP-AGRI Focus Groups, Dr. Nicola has experience in team work related to interact, discuss and prepare reports among peers and practitioners of the respective Focus Groups. As member of the Management team of the new Network EUVRIN, Dr. Nicola is preparing the agenda for future initiatives of the network.

Mediating skills: Dr. Nicola is continuously working with different groups of people, either peers or hierarchical organized, demanding daily leadership and mediating skills. At the University, she works with students, professors, researchers, clerical staff, dealing with Research organization and in Educational related issues, such as teaching methods and courses in the home country and in different countries, exchanging information, relations and visits between EU and non-EU high education schools. In the professional world, she is interacting with stakeholders and policy makers for implementing new strategies for research, development and transfer technologies in horticulture.

Intercultural Skills: Dr. Nicola got experience at working in a worldwide dimension by working in different universities (USA, Spain, Italy, Japan); by interacting and networking in several countries with different organizations, private companies and bodies; by attending International Meetings, Congresses or Symposia; by being partner in research, educational and development projects; by teaching in different countries; by hosting BSc, MSc, PhD and Postdocs from several countries. Prof. Nicola has been in all five continents, professionally visiting and spending some time in Albania, Armenia, Australia, Austria, Belgium, Brazil, Bulgaria, Canada, Czech Republic, China, Colombia, Croatia, Cyprus, Denmark, Egypt, Finland, France, Germany, Greece, Hungary, India, Ireland, Iran, Israel, Japan, Jordan, Lebanon, Madagascar, Malaysia, Mexico, Moldova, Morocco, Poland, Portugal, Slovenia, South Korea, Spain, Sweden, Switzerland, Thailand, The Netherlands, Turkey, UK, USA, Uzbekistan getting acquainted to diverse cultures and religions.

Organizational skills and competences

As team leader of the research group, Dr. Nicola seeks, coordinates, manages and administrates projects and related budget at local, national and international level. She also coordinates Assistant Professors, Research

Assistants, PhD and Postdoctoral Students. As professor at the university, she deals and organizes all the teaching duties related to the vegetable sector and to the medicinal and aromatic plants programs both at the undergraduate and graduate level. Job terms of reference include numerous organizational duties at the national and international level, including the organization of International Symposia related to the field of research. As Chairperson of the Executive Committee of the International Society for Horticultural Science Silvana Nicola has led the international scientific structure of conferences and symposia, while as international consultant and expert she is challenged with several competences and often deals with work organization and human resources. During her professional life, which included numerous technical visits and staying abroad, Silvana Nicola got acquainted to horticultural practices in the following countries: Armenia, Australia, Brazil, Bulgaria, Canada, China, Colombia, Croatia, Czech Republic, Cyprus, Egypt, Finland, France, Iran, Israel, Japan, Jordan, Lebanon, Madagascar, Mexico, Morocco, Serbia, South Korea, Spain, Sweden, Thailand, The Netherlands, Turkey, UK, USA, Uzbekistan.

Technical skills and competences

Competent with computerized office automation (Microsoft), statistical packages (SPSS and SAS), electronic databases, Internet and networking tools, Web design. Skill on Light and Scanning Electron microscopy. Skill on Histology Technique. Skill on Safety and Radiation.

FULL CV

Biographical Information

Born on 1961. Married on 1987.

Education

University of Florida, USA. Ph.D. Major: Horticultural Science Ph.D. Dissertation Title: Lettuce (<i>Lactuca sativa</i> L.) root morphology, architecture, growth and development in an autotrophic culture system. Advisors: Daniel Cantliffe and Peter Stoffella. Horticultural Sciences Department, University of Florida. USA	05/1997
Università di Torino. Italy. Ingegnere Agronomo. Country-wide qualifying exams	11/1988
Università di Torino. Italy. Laurea in Scienze Agrarie. Major: Environmental horticulture Laurea Thesis Title: Experimental results of postharvest conditioning on cut flower of <i>Gerbera jamesonii hybrida</i> . Advisors: Elena Accati Garibaldi and Massimo Dolci. Dipartimento di Agronomia, Selvicoltura e Gestione del Territorio, Università di Torino. Italy	02/1988

Language skills

My mother language is Italian, while I have studied different languages either at school or by spending time abroad. I am a language quick learner.

Italian	Mother tongue
English	Fluent
Spanish	Good reading, comprehension and spoken
French	Good reading and comprehension; basic spoken
Latin	Basic reading, etymology

Main Experiences

Positions and employments

Department of Agricultural, Forest and Food Sciences. University of Turin. Italy. Full Professor. From 2018 - present.
Department of Agricultural, Forest and Food Sciences. University of Turin. Italy. President of the Foreign Affairs. From 2018 – present.
Pomology Lab, Graduate School of Agriculture, Kyoto University, Kyoto, Japan. Visiting Full Professor with Kyoto University Support. Sept. 2016 – Dec. 2016.
Field Center for Northern Biosphere, Hokkaido University. Sapporo, Japan. Visiting Professor with Hokkaido University Support. Aug. 2015 – Oct. 2015.
Department of Agricultural, Forest and Food Sciences. University of Turin. Italy. Co-Chair for Foreign Affairs. From 2015 – 2018.
Departamento de Producción Agraria. Escuela Técnica Superior de Ingeniería Agronómica. Universidad Politécnica de Cartagena. Cartagena (Murcia). Spain. Visiting Scientist with Seneca Foundation Support. Feb. 2014 – July 2014.
Department of Agricultural, Forest and Food Sciences. University of Turin. Italy. Associate Professor. From 2013 – 2018.
Dipartimento di Agronomia, Selvicoltura e Gestione del Territorio. Università di Torino. Italy. Associate Professor. 2006 – 2012.
Dipartimento di Agronomia, Selvicoltura e Gestione del Territorio. Università di Torino. Italy. Assistant Professor - Research Scientist Feb. 1996 – Dec. 2005.
Departamento de Producción Agraria. Escuela Técnica Superior de Ingeniería Agronómica. Universidad Politécnica de Cartagena. Cartagena (Murcia). Spain. Visiting Scientist with Seneca Foundation Support. Sept. 2003 - Dec. 2003.
Dipartimento di Agronomia, Selvicoltura e Gestione del Territorio. Università di Torino. Italy. Faculty Researcher on leave. Faculty member with 100% research appointment. Feb. 1996 - Dec. 1996.

Horticultural Sciences Department. University of Florida. USA. Research Assistant. Research Project on Vegetable Transplant Production, funded by the 'Speedling Inc.'. 1993-1996.
Horticultural Sciences Department. University of Florida. USA. Teaching Assistant. Commercial Production of Cool Season vegetables. 1995.
Dipartimento di Agronomia, Selvicoltura e Gestione del Territorio. Università di Torino. Italy. Research Scientist on leave. 1993-1995.
Horticultural Sciences Department. University of Florida. USA. Visiting Researcher with Fulbright Scholarship. Nov. 1992 - May 1993.
Dipartimento di Agronomia, Selvicoltura e Gestione del Territorio. Università di Torino. Italy. Research Scientist. 1988-1993.
Regional Agricultural Development Agency. Regione Piemonte. Italy. Horticulturist, Consultant. 1988-1990.
Istituto di Patologia Vegetale. Università di Torino. Italy. Research Assistant. 1988-1990.

Other Relevant Experiences/Consultancies

2017	UAE. Advisor for hydroponic systems in controlled environment in arid areas.
2016-present	University technical expert for Vegetable Crops & Medicinal and Aromatic Plants for the Rural Development Plan – Regional Plan.
2015-present	Author for FAO. Book preparation and writing on Good Agricultural Practices (GAPs) in Protected Cultivation in South East European Countries: Chapter 'Profitability, marketing, and vegetable waste and loss'.
2013-present	Member of Working Group on R&D of the Technical Advisory Committee on Medicinal and Aromatic Plants of the Ministry of Agricultural Policies, Italy.
2011-2012	Member of the External Review Working Group 2011, EFSA. October and November 2011, February 2012.
2011	External Advisor of AIIPA, Italian Association of agri-food products, for advising the fresh-cut produce law preparation by the Italian Ministry of Health.
2010	Member of EFSA's Working Group of External Scientific Experts to externally review the quality of the scientific output of the European Food Safety Authority. Ref. EFSA/2009/001. Reserve list.
2010	FAO. International consultant specialized in fruit and vegetable GAP/quality management systems. Ref. Strengthening Production and Marketing of Lebanese Agricultural Products. Project # GCP/LEB/021/ITA. Beirut, Lebanon, 12-24 September 2010.
2010	FAO. Participant as International Expert at the Workshop on Good Agricultural Practices for Greenhouse Horticulture. Amman, Jordan, 9-12 May 2010.
2009-2010	Author for FAO: Book preparation and writing on Good Agricultural Practices (GAPs) Principles for Greenhouse Vegetables in the Mediterranean Regions: Chapter 'Quality of Planting Materials'.
2008	Consultant for Next Vegetales, San Cristóbal, Guanajuato, Mexico (5-7 September 2008).
2008-2010	International partner in the project for food security and poverty relief in Senegal 'L.A.N.A: Lutte Agricole pour la Nourriture e l'Abondance'.
2008	Expert at the FAO/WHO Expert Meeting on 'Microbiological hazards in fresh leafy vegetables and herbs' (Bangkok, Thailand 5 - 9 May 2008). Final Report: FAO/WHO, 2008. <i>Microbiological hazards in fresh leafy vegetables and herbs: Meeting Report</i> . Microbiological Risk Assessment Series No. 14. Rome. 15 pp. ftp://ftp.fao.org/docrep/fao/011/i0452e/i0452e00.pdf
2006-present	Technical and scientific advisor of private cooperative Momenta, a company working across Europe on transferring technologies in horticulture, professional and technical agrotours, networking, R&D, technical event organization in agrifood sector.

Project and Research Evaluator

2012-2013	External Expert ANVUR (National Committee for Research Evaluation) VQR (Assessment of Quality in Scientific Research 2004-2010)
2012	Ministry of Foreign Affairs of Denmark, Danida Fellowship Centre (DFC). Call 2012.
2011	Romanian National Council for Research and Development research projects. Call 2011.
2009	External Evaluator for the Georgia National Science Foundation (GNSF) research projects. Call 2009, Call 2011.

2007	External Evaluator for Provincia di Trento, Italy (Province Research Fund of Regione Trentino Alto Adige).
2005, 2007	External Evaluator for INTAS, International Association for the promotion of co-operation with scientists from the New Independent States of the former Soviet Union (NIS), Evaluation Calls 2005 and 2007.
2005	External Expert CIVR (National Committee for Research Evaluation) VTR (Three-Year Evaluation Framework, 2002-2004)
1998-present	External Evaluator of National Research Projects (MIUR-COFIN-PRIN).
1999-2001	External Expert of Research Grant Application Evaluation, 5 th Framework Program, European Community, Belgium (contr. n. QLEV-CT99-02555 QLEV-2000-22460 QLEV-2001-15026).

Reviewer of International Positions and Universities

2020	Fulbright Alumni Expert Reviewer Evaluation of applications 2020-21.
2019	Expert Advisor for promotion of an Associate Professor Position for the Appointments Board at the Faculty of Landscape Planning, Horticulture and Agricultural Science at the Swedish University of Agricultural Sciences, SLU.
2018	Expert Reviewer in the Quality and Impact 2018 Research Evaluation at the Swedish University of Agricultural Sciences (SLU) in Uppsala.
2016	Reviewer of Senior Advisor Positions for the Aarhus University Science and Technology, Denmark (Ref.# 790768).
2012	Reviewer of Professor Positions for the NRF (National Research Foundation), South Africa (EV2012021300001).
2011	Expert Advisor for promotion of a Professor Position for the Appointments Board at the Faculty of Landscape Planning, Horticulture and Agricultural Science at the Swedish University of Agricultural Sciences, SLU.
2007	Reviewer of Professor Positions for the NRF (National Research Foundation), South Africa (REV12025-68441).

Trustee positions, memberships

Trustee positions; Scientific Boards; Academies; International groups

2021	Member of the evaluators for QS World University Rankings.
2020-	Member of the Interuniversity International Doctoral College on Food, Health and Longevity of the University of Oriental Piedmont (Italy).
2019-	European Commission. Expert Member of EIP-AGRI Focus group: Plant-based medicinal and cosmetic products.
2018-2022	Elected Member of the Board of Directors of the International Society for Horticultural Science (ISHS), Secretary of the Society.
2017-	President of EUVRIN, the European Vegetable Research Institutions Network.
2017-	European Commission. Expert Member of EIP-AGRI Focus group: Circular Horticulture.
2016-	Member of the Board and Member of the Management Team of EUVRIN, the European Vegetable Research Institutions Network.
2015-	Member of the Academy of Agriculture of Torino.
2014-2018	Elected Member of the Board of Directors of the International Society for Horticultural Science (ISHS), Vice-President of the Society, Vice-Chairperson of the Board of Directors, Responsible for the Scientific Activities of the Society.
2014-	European Commission. Expert Member of EIP-AGRI Focus group: Fertiliser efficiency – focus on horticulture in open field.
2006-2010	Elected Chairperson of ‘Section Vegetables’ of the International Society for Horticultural Sciences (ISHS).
2010-2014	Elected Chairperson of ‘Section Vegetables’ of the International Society for Horticultural Sciences (ISHS).
2013-	Member of the Technical Board of Medicinal and Aromatic Plants, Ministry of Agriculture.
2008-2009	Chairperson of Working Group ‘Vegetable Quality’ of the International Society for Horticultural Sciences (ISHS).

2007-2011	Chairperson of Working Group ‘Quality Management of Fresh Cut Produce’ of the International Society for Horticultural Sciences (ISHS).
2004-2010	Member of the Board of Directors of the Italian Society of Horticultural Science (SOI).

Professional Memberships

Japanese Society for Horticultural Science. Since 2015
International Fresh-Cut Produce Association – United Fresh. 2006
The Society of Chemical Industry. 2006
International Society of Food, Agriculture & Environment. 2006
American Society for Horticultural Science. Since 1993
International Society for Horticultural Science. Since 1988
Società Orticola Italiana. Since 1988
Botanical Society of America. 1997-1998
Hydroponic Society of America. 1995-1997
Florida State Horticultural Society. 1993-1997

International Scientific Exposures and Activities

Speaker Invitations at International Symposia/Congresses/Meetings

3rd ISHS International Symposium on Soilless Culture and Hydroponics: Innovation and advanced technology for circular horticulture. 19-21 March 2021. Limassol, Cyprus (held on line). Keynote Speaker. <i>Title of the keynote lecture: New Growing System® and Floating Growing System to grow leafy vegetables and herbs.</i>
19 th International Conference Life Sciences for Sustainable Development. 24-25 September 2020 (held on line). University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania. Keynote Speaker. <i>Title of the keynote lecture: Food Supply and Urban Gardening in the time of Covid-19.</i> https://symposium.usamvcluj.ro/
9 th International Conference “Agriculture For Life – Life for Agriculture”. 4-6 June 2020 (held on line). Bucharest, Romania. Keynote Speaker. <i>Title of the keynote lecture: Water Use Efficiency in Greenhouse Systems and its Application in Horticulture.</i> http://agricultureforlife.usamv.ro
NovelFarm2020. International Conference on Hydroponics and Vertical Farm. 19-20 February 2020. Pordenone, Italy. Invited Speaker. <i>Title of the lecture: Indoor farming in the circular bio-economy: the BioEnPro4To project.</i>
6 th South East Europe Postharvest Conference “Quality Management in Postharvest Systems”. 26-28 June 2019. Novi Sad, Serbia. Keynote Speaker. <i>Title of the keynote lecture: Ready to use products: quality and postharvest evaluation.</i>
NovelFarm2019. International Conference on Hydroponics and Vertical Farm. 13-14 February 2019. Pordenone, Italy. Invited Speaker. <i>Title of the lecture: Hydroponics and aquaponics: needs for genetic improvement from plant propagation to production.</i>
International Workshop on Medicinal and Aromatic Plants in Cyprus – Perspectives. 26 September 2018. Limassol, Cyprus. Invited Speaker. <i>Title of the keynote lecture: Exploring Medicinal/Aromatic Plants in intensive crop systems.</i>
First East Europe – Central Asia Summit, International Horticultural Congress. 12-16 August 2018. Istanbul, Turkey. Keynote Lecturer. <i>Title of the keynote lecture: Horticulture and the ISHS.</i>
1 st International Conference and 10 th National Horticultural Science Congress of Iran. 4-7 September 2017. Tehran, Iran. Keynote Lecturer. <i>Title of the keynote lecture: Resource efficiency in dynamic and intensive systems: sustainable growing of horticultural crops in hydroponics.</i>
VII South-East European Symposium on Vegetables and Potatoes – ISHS, 20-23 June 2017, Maribor, Slovenia. Invited lecturer. <i>Title of the lecture: Post-harvest treatments for preserving quality of vegetables from GH production. Food wastage and Good Agricultural Practices (GAPs).</i>
2 nd Asian Horticultural Congress, 25-28 Sept. 2016. Chengdu, Sichuan, China. ISHS Address. Title: <i>ISHS and Young Minds.</i>
China National Asparagus Symposium, 18-19 Sept. 2016. Hezhe, Shandong, China. Keynote lecturer. <i>Title of the keynote lecture: Asparagus Value Chain: traditional varieties with EU quality certifications.</i>
1 st European Conference of Post graduate Horticultural Scientists (ECPHS) - ISHS, 12-13 May 2016, Palermo, Italy. Keynote lecturer. <i>Title of the keynote lecture: Horticulture, Horticultural Science, Scientists, People: loop or link?</i>

5 th International Symposium on Ecologically Sound Fertilization Strategies for Field Vegetable Production – ISHS, 18-22 May 2015 – Beijing, China. Invited speaker. <i>Title of the keynote lecture: Vegetables toward Fertigation.</i> DOI:10.13140/RG.2.1.5028.6240.
6th Balkan Symposium on Vegetables and Potatoes. ISHS. 29 September – 2 October 2014. Zagreb, Croatia. Keynote lecturer. <i>Title of the keynote lecture: Advanced Soilless Growing Systems for Standard, Safe and Premium Leafy Vegetable Production.</i>
6° Seminario Internacional: Avances en biotecnología, tecnología y patología hortofrutícola postcosecha. 10 April 2014, Universidad Politécnica de Cartagena, Cartagena, Spain. Invited speaker. <i>Title of the lecture: Difusión de la I+D en postcosecha. Papel de la Sociedad Internacional de Ciencias Hortícolas (ISHS)</i>
µHort Mini-Symposium. 25 February 2014, SLU, Alnarp, Sweden. Invited speaker. <i>Title of the lecture: Flotation growing systems for producing baby leaf vegetables and herbs of high standard quality.</i>
Symposium Quality of fresh produce, herbs and vegetables – from field to fork. 18-19 September 2013, Warsaw, Poland. Invited speaker. <i>Title of the lecture: Flotation growing systems for producing baby leaf vegetables and herbs of high standard quality.</i>
NUTRIHORT: Nutrient management, innovative techniques and nutrient legislation in intensive horticulture for an improved water quality. 16-18 September 2013, Ghent, Belgium. Keynote speaker. <i>Title of the keynote lecture: The application of Nitrates Directive to vegetable crops: tools and strategies from NEV2013 for an integrated fertilisation management.</i>
Eurasian Symposium of Vegetables and greens. ISHS. 16-20 October 2012. Yerevan, Armenia. Invited Speaker. <i>Title of the keynote lecture: Modern technologies for producing vegetables and greens of high value.</i>
Urbinati Academy. International Academy day. 29 September 2012. San Mauro Pascoli (FC), Italy. Armenia. 16-20/10/2012. Invited Speaker. <i>Title of the lecture: General overview of current issues in the field of horticultural nurseries in Italy and in the international market: new market's opportunities.</i>
Horticulture for the Future Conference. The Australasian Postharvest Horticulture Conference Organising Committee (APHC), the Australian Society for Horticultural Science (AuSHS) and the New Zealand Institute of Agriculture and Horticulture Science (NZIAHS). Mantra Erskine Beach Resort, Lorne, Victoria, Australia. 18-22/09/2011. Invited Speaker. <i>Title of the keynote lecture: Looking beyond pre- and postharvest technology of vegetables.</i>
V International Symposium on Seed, Transplant and Stand Establishment. ISHS. Murcia, Spain. 27/09-01/10/2009. www.sest2009.com . <i>Title of the keynote lecture: Issues facing Organic Transplant Production in Europe.</i>
3er Simposio Internacional de Invernaderos 2009. Construcción, Producción y Perspectivas. León Guanajuato, Mexico, 2-4 September 2009. <i>Title of the lectures: I. Estatus de la industria de los invernaderos en la Europa Mediterránea [The situation of protected cultivations in Mediterranean Regions]. II. Nuevos sistemas de cultivo hidropónico para hortalizas de hoja: bandejas flotantes y flujo y reflujo [New growing soilless culture systems: floatation and and ebb-and-flow systems]. III. Manejo Poscosecha de Hortalizas de hoja [Postharvest handling of leafy vegetables].</i>
Vegetable Production and Quality and Process Standardization in Chain: a Worldwide Perspective. ISHS, Beijing, China, 14-17/10/2008. <i>Title of the keynote lecture: Production Systems for leafy vegetables and herbs: how different they are around the world.</i>
International Symposium on Tomato in the Tropics. ISHS. Villa de Leyva, Colombia. 9-13 September 2008. Official ISHS Representative. <i>Title of the plenary lecture: Tomato production systems and their application to the tropics. Sistemas de producción de tomate y su aplicación a los trópicos.</i>
FAO/WHO Expert Meeting on Microbiological hazards in fresh leafy vegetables and herbs. 5 - 9 May 2008. Bangkok, Thailand. <i>Title of the workshop lecture: Production Systems for leafy vegetables and herbs: how different they are around the world.</i>
I Symposium on Horticulture in Europe. ISHS. Vienna, Austria. 17-20 February 2008. <i>Title of the workshop lecture: How horticultural education and training can use the possibilities offered by web technologies.</i>
QMFCP2007: 'The International Conference on Quality Management on Fresh Cut Produce'. ISHS. Bangkok, Thailand. 6-8 August 2007. <i>Title of the keynote lecture: Cultivation Management on the Farm influences Postharvest Quality and Safety.</i>
International Symposium on Vegetable Security and Human Health. ISHS. Beijing Society for Vegetable Science, FAO and Beijing Association for Science and Technology. Beijing, China, 21-23 August 2006. <i>Title of the keynote lecture: Global horticulture: challenges and opportunities</i>

Fifth National Symposium on Stand Establishment, June 1-4, 1997, Columbus, Ohio, USA. Invited speaker at the Transplant Workshop, 31 May 1997. *Title of the keynote lecture: Transplant Production and Performance: Understanding Root Systems to improve Seedling quality.*

Florida Seed Association/UF-IFAS Seed Seminar, Gainesville, Florida, USA. 21-22 February 1996. *Title of the lecture: Advances in lettuce transplant production.*

Speaker Invitations at International/Foreign professional events

Salads in (r)evolution. International business conference by Lava (Administrative and Logistic Association of Auctions). 18-19 September 2014. Ghent, Belgium. Invited speaker. *Title of the lecture: SWOT-analysis of the salad types: Italy.*

IFU Workshop. The increasing consumption of vegetable juices worldwide: Juice as important part in other products. IFU International Federation of Fruit Juice Producers. Parma, Italy. 20/10/2011. Invited Speaker. *Title of the lecture: Fresh smoothies and juices with vegetables: tasty with additional nutritional value.*

British Leafy Salads Association annual Conference. British Leafy Salads Association. East of England Showground, Peterborough, Cambs, UK. 24/11/2010. Invited Speaker. *Title of the lecture: Leafy salads in Italy: what is on the cutting edge of production and technology?*

Presenter at International & Foreign Symposia

National Congress Japanese Society for Horticultural Science. 26-28 September 2015, Tokushima, Japan. Speaker Presenter.

XIII ISHS International Asparagus Symposium. 15-18 October 2013, Nanchang, China. Speaker and Poster Presenter.

VI International Conference on Managing Quality in Chains (MQUIC 2013). 2-5 September 2013. Cranfield, UK. Speaker and Poster Presenter.

SHE Second Symposium of Horticulture in Europe. ISHS. Angers, France. 1-5 July 2012. Speaker.

7th International Postharvest Symposium. ISHS. Kuala Lumpur, Malaysia. 25-29/06/2012. Poster presenter.

II International Conference on Quality Management on Fresh Cut Produce. ISHS, Torino, Italy, 17-21 July 2011. Speaker.

1st International Symposium on 'Medicinal, Aromatic and Nutraceutical Plants from Mountainous Areas. ISHS. Saas-Fee, Switzerland. 6-9/07/2011. Speaker.

28th International Horticultural Congress. ISHS. Lisbon, Portugal. 22-27/08/2010. Workshop Convener and Speaker.

7th International ISHS Symposium on Artichoke, Cardoon and their Wild Relatives. Saint Pol de Léon, France. 17-19/06/2009. Speaker.

6th International Postharvest symposium. Antalya, Turkey. 8-12/04/2009. Speaker.

5th International ISHS Symposium in 'Edible Alliaceae' – 2nd World Onion Congress. Lelystad, The Netherlands. 29/10 – 1/11 - 2007. Speaker.

I International Medicinal and Aromatic Plants Conference on Culinary Herbs. ISHS, Antalya, Turkey, 29/04 – 4/5/2007. Speaker.

First International Conference on Indigenous Vegetables and Legumes (IVs2006). ISHS, Andhra Pradesh, India, 12-15/12/2006. Speaker.

XXVII Intern. Horticultural Congress. ISHS, Seoul, Korea, 13-19/08/2006. Poster Presenter.

MQUIC2006: Managing Quality in Chain. Forth International and Multidisciplinary Conference. An integrated View on Fruit and Vegetable Quality. ISHS, Bangkok, Thailand, 7-10/08/2006. Speaker.

International Symposium on Advances in soil & soilless cultivation under protected environment'. ISHS, Agadir, Morocco, 19-24/02/2006. Speaker.

International Congress on Soilless Culture and Hydroponics. ISHS, Almeria, Spain, 14-19/11/2004. Speaker.

International Symposium on Protected Cultivation in Mild Winter Climates. ISHS, Kissimmee, Florida, USA, 23-27/03/2004. Speaker.

Third International and Multidisciplinary Conference: Quality in Chains. An Integrated view on Fruit and Vegetable Quality, Wageningen, The Netherlands, 6-9/07/2003. Poster Presenter.

3rd World Congress on Medicinal and Aromatic Plants for Human Welfare (WOCMAP III), Chiang Mai, Thailand, 3-7/02/2003. Speaker and Poster Presenter.

International Symposium on Issues and Advances in Transplant Production and Stand Establishment Research. XXVI International Horticultural Congress, ISHS, Toronto, Canada, 11-17/08/2002. Speaker.

International Symposium on Protected Cultivation 2002: In Search of Structures, Systems and Plant Materials for Sustainable Greenhouse Production. XXVI International Horticultural Congress, ISHS, Toronto, Canada, 11-17/08/2002. Speaker.
International Symposium on The Future for Medicinal and Aromatic Plants. XXVI International Horticultural Congress, ISHS, Toronto, Canada, 11-17/08/2002. Poster Presenter.
International Meeting 'The <i>terroir</i> and the flavor of mountain products: a challenge to the globalization', San Giorgio Canavese, Torino, Italy, 5-7/04/2002. Speaker.
International Symposium on Protected Cultivation in Mild Winter Climates: Product and process innovation for protected cultivation in mild winter climate, ISHS, Ragusa, Italy, 5-8/03/2002. Speaker and Poster Presenter.
III World Conference on Medicinal and Aromatic Plants, ISHS, Budapest, Hungary, 8-11/07/2001. Poster Presenter.
IX International Symposium on Timing of field production of vegetable species, ISHS, Sao Paulo, Brazil, 21-24/05/2001. Speaker.
Third International Symposium on Adventitious Root Formation. Veldhoven, The Netherlands, 27/06-01/07/2000. Speaker and Poster Presenter.
International Symposium on Protected Cultivation in Mild Winter Climates: Current Trends for Sustainable Technologies, ISHS, Cartagena and Almería, Spain, 7-11/03/2000. Poster Presenter.
XXV Intern. Horticultural Congress. ISHS, Brussels, Belgium, 2-7/08/1998. Poster Presenter.
8 th International Symposium on "Timing of field production in vegetable crops", ISHS, Bari, Italy, 15-18/10/1997. Speaker.
Florida State Horticultural Society Annual Meeting, Orlando, Florida, 3-5/11/1996. Speaker.
10 th FESPP Congress "From molecular Mechanisms to the Plant: an Integrated Approach", Firenze, Italy, 9-13/09/1996. Poster Presenter.
92 nd Annual Meeting of the American Society for Horticultural Science, Montreal, Quebec, Canada, 30/07-2/08/1995. Speaker.
91 st Annual Meeting of the American Society for Horticultural Science, Corvallis, Oregon, USA, 7-11/08/1994. Speaker.
XXIII Intern. Horticultural Congress. ISHS, Firenze, Italy, 27/08-1/09/1990. Poster Presenter.

Participant at International & Foreign Symposia

International Conference: Sustainable Eco Extraction: Development Opportunities. Alcotra, Torino, Italy, 15 February 2013.
FreshConnex 2009: Congress for Fresh-Cut Convenience, Berlin, Germany. 3/2/2009.
International Conference 'Awareness Raising Conference on horticulture for Development'. ISHS, CTA, Global Horticulture Initiative. Brussels, Belgium. 25/6/2007.
XI Congreso Nacional de Ciencias Hortícolas. SECH, Albacete, Spain. 24-27/4/2007.
Fifth National Symposium on Stand Establishment, Columbus, Ohio, USA, 1-4/06/1997.
National Symposium for Stand Establishment in Horticultural Crops, Ft. Meyers, Florida, USA, 16-20/11/1992.

International Scientific Committees

ISHS III International Organic Fruit Symposium and I Organic Vegetable Symposium (OrgHort 2020). 5-8 October 2021. Catania, Italy.	2021
3rd ISHS International Symposium on Soilless Culture and Hydroponics: Innovation and advanced technology for circular horticulture. 19-21 March 2021. Limassol, Cyprus.	2021
IV International Symposium on Horticulture in Europe - SHE2020. 8-12 March 2021. Stuttgart, Germany.	2021
6th South East Europe Postharvest Conference on Quality Management in Postharvest Systems. 26-28 June 2019. University of Novi Sad, Institute of Food technology. Novi Sad, Serbia.	2019
XI International Symposium on Protected Cultivation in Mild Winter Climates & I International Symposium on Nettings and Screens in Horticulture. ISHS, Tenerife, Spain.	2019
I International Iranian Horticultural Science Conference & X National Horticultural Science Congress – IrHC2017. ISHS, Tehran, Iran.	2017
III International Symposium on Horticulture in Europe - SHE2016. ISHS, Crete, Greece.	2016
VIII International Postharvest Symposium. ISHS, Cartagena, Spain.	2016
5th International Symposium on Ecologically Sound Fertilization Strategies for Field Vegetable Production. ISHS, Beijing, China.	2015

6th Balkan Symposium on Vegetables and Potatoes. ISHS, Zagreb, Croatia.	2014
V Postharvest Unlimited Symposium. ISHS, Cyprus.	2014
NEV2013, International Workshop on Nitrogen, Vegetables and Environment. EC DG Environment and University of Torino, Torino, Italy, 15-17 April 2013.	2013
Eurasian Symposium of Vegetables and greens. ISHS, Armenia. Co-Chair.	2012
VI International Symposium on Seed, Transplant and Stand Establishment - SEST2012. ISHS, Brasilia, Brazil.	2012
Southeast Asia Symposium on Quality Management in Postharvest Systems (SEAsia2011). ISHS, Bangkok, Thailand.	2011
V Balkan Symposium on Vegetables and Potatoes. ISHS. Tirana, Albania. Chair.	2011
II International Conference on Quality Management on Fresh Cut Produce. ISHS, Torino, Italy.	2011
I International Symposium on Medicinal, Aromatic and Nutraceutical Plants from Mountainous Areas. ISHS, Saas-Fee, Switzerland.	2011
International Symposium on GREENHOUSE 2010: Environmentally sound greenhouse production for people. ISHS, 28th International Horticultural Congress. Lisbon, Portugal.	2010
International Symposium on Quality-Chain Management of Fresh Vegetables: From fork-to-farm. ISHS, 28th International Horticultural Congress. Lisbon, Portugal.	2010
V International Symposium on Seed, Transplant and Stand Establishment. ISHS. Murcia, Spain. www.sest2009.com .	2009
IV International Cucurbit Symposium. ISHS. Changsha, Hunan, China.	2009
VII International Symposium on Artichoke, Cardoon and their Wild Relatives. Saint Pol de Léon, France.	2009
Vegetable Production and Quality and Process Standardization in Chain: a Worldwide Perspective. ISHS, Beijing, China.	2008
IV International Symposium Toward Ecologically Sound Fertilization Strategies for Field Vegetable Production. ISHS. Alnarp, Sweden.	2008
International Symposium on Tomato in the Tropics. ISHS. Villa de Leyva, Colombia.	2008
IV International Symposium "Strategies Towards Sustainability of Protected Cultivation in Mild Winter Climate". ISHS. Antalya, Turkey.	2008
International Symposium on The Socio-Economic Impact of Modern Vegetable Production Technology in Tropical Asia. ISHS. Chiang Mai, Thailand.	2008
GreenSys2007: High Technology for Greenhouse System Management – Co-operation of Protected Cultivation and Greenhouse Engineering, ISHS. Naples, Italy.	2007
QMFCP2007: 'The International Conference on Quality Management on Fresh Cut Produce'. ISHS. Bangkok, Thailand.	2007
5 th International ISHS Symposium in 'Edible Alliaceae' – 2 nd World Onion Congress. Lelystad, The Netherlands.	2007
'Europe-Asia Symposium on Quality Management in Postharvest Systems (EURASIA 2007). ISHS. Bangkok, Thailand.	2007
4 th International Symposium on Stand Establishment 'Translating seedling physiology into technology'. San Antonio, Texas, USA.	2006
MQUIC2006: Managing Quality in Chain. Forth International and Multidisciplinary Conference. An integrated View on Fruit and Vegetable Quality. ISHS, Bangkok, Thailand.	2006
ISVSHH: International Symposium on Vegetable Safety and Human Health. ISHS, Beijing, China.	2006
ISHS International Symposium. 'Advances in soil & soilless cultivation under protected environment'. Agadir, Morocco.	2006
International Symposium 'Issues and Advances in Seed, Transplant Production and Stand Establishment Research', 'XXVI International Horticultural Congress', ISHS, Toronto, Canada.	2002

International Congress Organizations

Organizer and Co-Convener: 3rd ISHS International Symposium on Soilless Culture and Hydroponics: Innovation and advanced technology for circular horticulture. ISHS. Limassol, Cyprus, 19-21 March 2021.	2018-2021
Organizer and Co-Convener: First East Europe-Central Asia Summit. ISHS. International Horticultural Congress, IHC, Istanbul, Turkey, 12-16 August 2018.	2018

Co-Convener: V International Symposium on Ecologically Sound Fertilization Strategies for Field Vegetable Production. ISHS, Beijing, 18-22 May 2015.	2013
Co-Convener: NEV2013, International Workshop on Nitrogen, Vegetables and Environment. EC DG Environment and University of Torino, Torino, Italy, 15-17 April 2013.	2013
Convener: II International Conference on Quality Management on Fresh Cut Produce. ISHS, Torino, Italy, 17-21 July 2011.	2011
Organizing Committee: Sustainable Vegetable Production in South East Asia. ISHS, Salatiga, Central Java, Indonesia, 14-17 March 2011.	2011
Co-convener: IHC Workshop on 'What do we mean by quality? Vegetable quality view in horticultural research'. International Horticultural Congress, IHC, Lisbon, Portugal, 22-27 August 2010.	2010
Co-convener: Vegetable Production and Quality and Process Standardization in Chain: a Worldwide Perspective. ISHS, Beijing, China, 14-17/10/2008.	2008
Organizing Committee: GreenSys2007: High Technology for Greenhouse System Management – Co-operation of Protected Cultivation and Greenhouse Engineering. ISHS, Naples, Italy, 4-6/10/2007.	2007
Organizing Committee: First International Conference on Indigenous Vegetables & Legumes: Prospects for Fighting Poverty, Hunger and Malnutrition. ISHS, Hyderabad, India, 12-15/12/2006.	2006
Organizing Committee: 5 th International Postharvest Symposium. ISHS, Verona, Italy, 6-11/06/2004.	2004
Co-convener: Issues and Advances in Seed, Transplant Production and Stand Establishment Research, 'XXVI International Horticultural Congress'. ISHS, Toronto, Canada, 11-17/08/2002.	2002

International Honorary Committees

Member of the Honorary Committee of VII South-Eastern Europe Symposium on Vegetables & Potatoes. ISHS, Maribor, Slovenia, 20-23/06/2017.	2017
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International Courses Organizations

Erasmus LLP - Intensive Programme (IP), EU: 'Potentials of using biodiversity for achieving a sustainable horticulture'. 2012-2014. Consortium of 11 EU countries. Partner. March 2012, May 2013, March 2014.	2012-2014
'Fruit And Vegetable GAP/Quality Management System'. Training of Trainer Program. FAO Project 'Strengthening Production and Marketing of Lebanese Agricultural Products' GCP/LEB/021/ITA. Beirut, Lebanon, 12-24 September 2011. Organizer and editor.	2010

Session Chairperson at International Symposia

III International Symposium on Soilless Culture and Hydroponics: Innovation and Advanced Technology for Circular Horticulture. 19-21 March 2021. Limassol, Cyprus (held on line).	
1 st International Conference and 10 th National Horticultural Science Congress of Iran. 4-7 September 2017.	
5 th International Symposium on Ecologically Sound Fertilization Strategies for Field Vegetable Production. ISHS. Beijing, China. 18-22 May 2015.	
6 th Balkan Symposium on Vegetables and Potatoes. ISHS. Zagreb, Croatia. 29 September – 2 October 2014.	
International Conference NUTRIHORT: Nutrient management, innovative techniques and nutrient legislation in intensive horticulture for an improved water quality. 16-18/09/2013, Ghent, Belgium.	
7 th International Postharvest Symposium. ISHS. Kuala Lumpur, Malaysia. 25-29/06/2012.	
V International Symposium on Seed, Transplant and Stand Establishment. ISHS. Murcia, Spain. 27/09-01/10/2009.	
Vegetable Production and Quality and Process Standardization in Chain: a Worldwide Perspective. ISHS, Beijing, China, 14-17/10/2008.	
I International Medicinal and Aromatic Plants Conference on Culinary Herbs. ISHS, Antalya, Turkey, 29/04 – 4/05/2007.	
First International Conference on Indigenous Vegetables and Legumes (IVs2006). ISHS, Andhra Pradesh, India, 12-15/12/2006.	
International Symposium on Vegetable Security and Human Health. Beijing Society for Vegetable Science, FAO and Beijing Association for Science and Technology. Beijing, China, 21-23/08/2006.	
International Symposium on Advances in soil & soilless cultivation under protected environment'. ISHS, Agadir, Morocco, 19-24/02/2006.	

International Congress on Soilless Culture and Hydroponics. ISHS, Almeria, Spain, 14-19/11/2004.
International Symposium on Protected Cultivation in Mild Winter Climates. ISHS, Kissimmee, Florida, USA, 23-27/03/2004.

Honors and Awards

2021	Cover page of the indexed journal 'Horticulturae', May 2021 for the authored manuscript published inside. https://www.mdpi.com/2311-7524/7/5 .
2014	Induction into the Academy of Agriculture, Turin, Italy.
2014	International Award: Regional research project for International Scientists: 'Optimization of production technology in floating system to obtain high quality, ready-to-use baby leaf vegetables'. Fundación Séneca, Agencia Regional de Ciencia y Tecnología, Spain (Ref. 18871/IV/13), 6 months
2008	Ministry of Education and Research – India and Italy Science collaboration Program: Award for 3 full-time international scientists (salary, hosting, social security and insurance)
2007	World Wide Style Project Award (CRT Foundation - International Relations; Univ. di Torino): for 2 full-time international scientists (salary, hosting, social security and insurance)
2007	Ministry of Education and Research – India and Italy Science collaboration Program: Award for 1 full-time international scientist (salary, hosting, social security and insurance)
2003	International Award: Regional research project for International Scientists: 'Experiments on Innovative Soilless Culture System to grow Leafy Vegetables'. Fundación Séneca, Agencia Regional de Ciencia y Tecnología, Spain (Ref. IV 00772/CV/03), 3 months
2002	Regional Official University Representative in South Korea in the framework of the International Relations between Piedmont Region and third countries, Italy
2001	Biotechnology Program President Recognition of high teaching level, Univ. di Torino, Italy
1996	Travel Grant Award (Univ. of Florida Student Council) plus Matching-fund Travel Grant Award (Univ. of Florida, Institute of Food and Agricultural Sciences) for poster presentation at the 10th FESPP Congress, Firenze, Italy
1996	Muriel Rumsey Foundation Scholarship for the highest Academic Achievement in the Departments of Horticultural Sciences and Environmental Horticulture, Univ. of Florida, USA
1995	Travel Grant Award (Univ. of Florida) for paper presentation at the 92nd ASHS Annual Meeting. 30 July-2 Aug., 1995, Montreal, Québec, Canada
1992	Fulbright Scholarship Award as Research Scientist to conduct research in USA
1992	Alpha Zeta Honor Society induction, USA

International Editorial Activities

Journal Editor, Associate Editor, Editorial Board

NAME	Year	Indexing
Editorial Board member and Scientific Board Member of <i>Romanian Journal of Horticulture</i> (Academy of Agricultural and Forestry Sciences – “Gheorghe Ionescu-Șișești” Horticulture Section, Romania)	Since 2020	
Section Editor-in-Chief for 'Protected Culture' of <i>Horticulturae</i> (MDPI, Basel, Switzerland)	Since 2020	CiteScore 2019: 2.3, 74%, Q2 SJR 2019: 0.52, Q1
Section Co-Editor-in-Chief for 'Medicinals, Herbs, and Specialty Crops' of <i>Horticulturae</i> (MDPI, Basel, Switzerland)	Since 2020	CiteScore 2019: 2.3, 74%, Q2 SJR 2019: 0.52, Q1
Scientific Board Member of <i>Colture Protette</i> (New Business Media – Edagricole, Bologna, Italy)	Since 2020	N/A
Editorial Board Member of <i>Horticulturae</i> (MDPI, Basel, Switzerland)	Since 2019	CiteScore 2019: 2.3, 74%, Q2 SJR 2019: 0.52, Q1
Associate editor of the <i>Bulgarian Journal of Soil Science, Agrochemistry and Ecology</i> (Bulgarian Agricultural Academy)	Since 2019	
Member of Advisory Board of the <i>European Journal of Horticultural Science</i> (ISHS Publishing)	Since 2018	CiteScore 2019: 1.8, 62%, Q2 IF 2018: 0.726, 40.28%, Q3 SJR 2019: 0.41, Q2
Member of the International Editorial Board of the <i>Journal of Horticulture and Postharvest Research</i> (JHPR) (University of Birjand, Iran, Publisher)	Since 2017	

Chief Editor of new book series for Springer ‘ <i>Advances in Olericulture</i> ’	Since 2013	
Member of Advisory Board of the journal <i>Agricultural Communications</i> (Eram Pars Scientific Publication Ltd.)	Since 2013	
Editorial Board Member of <i>Turkish Journal of Agriculture and Forestry</i> (Scientific Council of Turkey, publisher. SCIE).	Since 2012	CiteScore 2019: 3.0, 75%, Q1 IF 2018: 1.731, 64.61%, Q2
Editorial Board Member of <i>Frontiers in Plant Science</i> .	Since 2011	CiteScore 2019: 7.8, 95% Q1 IF 2018: 4.106, 91.45%, Q1
Regional Editor of <i>Journal of Food, Agriculture and Environment</i>	2006 - 2010	SJR 2019: 0.15, Q3

Editor and Co-Editor specific issues

Guest Editor of ‘Agriculture’, Special Issue ‘System Efficiency and Resource Recovery in Circular Horticulture’ (MDPI, Basel, Switzerland)	2021
Guest Editor of ‘Sustainability’, Special Issue ‘Sustainable Rural Landscape: Study, Planning, and Design’ (MDPI, Basel, Switzerland)	2020
Guest Editor of ‘Horticulturae’, Special Issue ‘Biodiversity, Production, Processing and Quality along the chain of Herbal and Edible Flowers’ (MDPI, Basel, Switzerland)	2020
Guest Editor of ‘Horticulturae’, Special Issue ‘Production and quality of medicinal and aromatic plants’ (MDPI, Basel, Switzerland)	2020
Guest Editor of ‘Horticulturae’, Special Issue ‘Aquaponics circular sustainability for food security’ (MDPI, Basel, Switzerland)	2020
Guest Editor of ‘Horticulturae’, Special Issue ‘Urban horticulture and nature-based solutions for better cities’ (MDPI, Basel, Switzerland)	2020
Guest Editor of ‘Agriculture’, Special Issue ‘Sustainable and Circular Horticulture’ (MDPI, Basel, Switzerland)	2018-2021
First Editor: NICOLA S., TOIVONEN, P.M.A., WATKINS, C.B. (Editors.) 2018. II ISHS International Conference on Quality Management of Fresh Cut Produce: Convenience Food for a Tasteful Life. Acta Horticulturae 1209. ISBN 978-94-62612-06-8, ISSN 0567-7572 (print), 2406-6168 (e). https://www.actahort.org/books/1209/ . DOI: 10.17660ActaHortic.2018.1209.	2018
TEI F., NICOLA S., BENINCASA P. (Editors). 2017. Advances in research on fertilization management of vegetable crops. Springer Series ‘Advances in olericulture’. Springer International Publishing. Hardcover ISBN 978-3-319-53624-8; eBook ISBN 978-3-319-53626-2; Series ISSN 2367-4083. DOI: 10.1007/978-3-319-53626-2.	2017
BAUDOIN W, NERSISYAN A., SHAMILOV A., HODDER A., GUTIERREZ D., DE PASCALE S., NICOLA S., GRUDA N., URBAN L., TANNY J. (Editors). 2017. Good Agricultural Practices for greenhouse vegetable production in the South East European countries - Principles for sustainable intensification of smallholder farms. FAO Plant Production and Protection Paper 230. Rome. ISBN: 978-92-5-109622-2. ISSN 0259-2517.	2017
Co-Editor of Acta Horticulturae of the I International Iranian Horticultural Science Conference & X National Horticultural Science Congress – IrHC2017. ISHS, Tehran, Iran.	2017-2020
Guest Editor of ‘Frontiers in Plant Science, Crop and Product Physiology’, Research Topic ‘Soilless Cultivation through an Intensive Crop Production Scheme. Management Strategies, Challenges and Future Directions’ (Frontiers Media S.A., publisher)	2017-2018
Editorial Board Member and Editor of the Book of Abstracts ‘NEV2013: Nitrogen, Environment and Vegetables’. Turin, Italy.	2012-2013
Member of the Editorial Board and Senior Editor. FISHER G., MAGNITSKIV S., NICOLA S. (Eds) 2009. International Symposium on tomato in the Tropics. Acta Horticulturae 821. ISBN 978-90-66052-69-7, ISSN 0567-7572. http://www.actahort.org/books/821/ .	2009
Technical Editor and First Editor. NICOLA S., NOWAK J., VAVRINA C.S. (Eds) 2004. XXVI International Horticultural Congress. Issues and Advances in Transplant Production and Stand Establishment Research. S-23. XXVI th International Horticultural Congress and Exhibition. 11-17 August 2002. Toronto, Canada. Acta Horticulturae 631. ISBN 906 605 557X, ISSN 0567-7572. http://www.actahort.org/books/631/ .	2004

International Editorial Boards, Responsibilities and Duties

Member of the Editorial Board of the I International Iranian Horticultural Science Conference & X National Horticultural Science Congress – IrHC2017. ISHS, Tehran, Iran.	2017-2020
Member of the Editorial Board of Acta Horticulturae of the II ISHS International Conference on Quality Management of Fresh Cut Produce: Convenience Food for a Tasteful Life. Acta Horticulturae 1209. ISBN 978-94-62612-06-8, ISSN 0567-7572 (print), 2406-6168 (e). https://www.actahort.org/books/1209/ . DOI: 10.17660ActaHortic.2018.1209.	2018
Editorial Board Member of Acta Horticulturae of the 5 th International Symposium on Ecologically Sound Fertilization Strategies for Field Vegetable Production. ISHS, Beijing, China.	2015-2016
Editorial Board Member of Acta Horticulturae of the 6 th Eurasian Symposium on Vegetables and Potatoes. ISHS. Zagreb, Croatia.	2014-2015
Editorial Board Member of Acta Horticulturae of the Eurasian Symposium of Vegetables and greens. ISHS. Yerevan, Armenia. Volume 1033	2012-2013
Editorial Board Member as Review Editor of Frontiers in Crop Science and Horticulture (Frontiers Media S.A.).	Since 2011
Member of the Editorial Committee of Acta Horticulturae Volume 942 of the VII International Symposium on Artichoke, Cardoon and their Wild Relatives. Saint Pol de Léon, France.	2009-2012
Member of the Editorial Committee of Acta Horticulturae Volume 898 of the V International Symposium on Seed, Transplant and Stand Establishment. ISHS. Murcia, Spain.	2009-2011
Columnist of Fresh Point Magazine. Italy.	Since 2009
Member of the Editorial Scientific Committee of Acta Horticulturae Volume 856 of the ISVSHH: International Symposium on Vegetable Safety and Human Health. ISHS, Beijing, China, 21-23/08/2006.	2010
Member of the Editorial Board of Acta Horticulturae Volume 852 of the IV International Symposium Toward Ecologically Sound Fertilization Strategies for Field Vegetable Production. ISHS. Sweden. 21-25/10/2008.	2010
Columnist of Horticultura Internacional (Spain)	Since 2006
Member of the Editorial Committee of Acta Horticulturae Volume 801 of the ISHS International Symposium. GreenSys2007: High Technology for Greenhouse System Management – Co-operation of Protected Cultivation and Greenhouse Engineering. ISHS, 4-6 October 2007. Naples, Italy.	2008
Member of the Editorial Scientific Committee of Acta Horticulturae Volume 747 of the ISHS International Symposium. ‘Advances in soil & soilless cultivation under protected environment’. Agadir, Morocco, 19-24/02/2006.	2007

Occasional Reviewer

<p>Acta Agriculturae Scandinavica (2007). Acta Horticulturae (Since 2002). African Journal of Agricultural Research (2010). Agricultural Water Management (2015). Agronomie (2001). Agronomy (2019). Ciência Rural (2020). Egyptian Horticulture Journal (Since 2009). European Journal of Horticultural Science (Since 2013). Frontiers in Plant Science (Since 2015). Horticultural Science, Czech Academy of Agricultural Sciences (Since 2012). HortScience (Since 2006). HortTechnology (1997, Since 2005). Industrial Crops and Products (Since 2011). Innovative Food Science and Emerging Technologies (2011). Journal of Essential Oil Bearing Plants (Since 2015). Journal of Food Processing and Preservation (2020). Journal of the Science of Food and Agriculture (Since 2005). Journal of Horticultural Science and Biotechnology (2005).</p>
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Journal of Plant Nutrition and Soil Science (Since 2012).
 New Zealand Journal of Crop & Horticultural Science (Since 2007).
 Postharvest Biology and Technology (2011, 2016).
 Scientia Horticulturae (Since 2003).
 Turkish Journal of Agriculture and Forestry (2015).

International Relations, Collaborations and Exchanges

Consortium Projects/Bilateral Projects/International Collaborations

2020-2025: Framework Agreement for Educational and Scientific Cooperation. Partner: Hokkaido University, Sapporo (Japan).
2020-2025: Framework Agreement for Scientific Cooperation. Partner: Shiraz University, Shiraz (Iran).
2020-2024: Framework Agreement for Educational and Scientific Cooperation. Partner: Meiji University, Tokyo (Japan).
2020-2024: Framework Agreement for Educational and Scientific Cooperation. Partner: Tarbiat Modares University, Teheran (Iran).
2020-2024: Framework Agreement for Educational and Scientific Cooperation. Partner: Institut Agronomique et Veterinaire Hassan II di Rabat, Agadir (Morocco).
2019-2023: Specific Agreement for Educational and Scientific Cooperation. Partner: University of Arizona, Tucson, Arizona (USA).
2018-2022: Specific Agreement for Educational and Scientific Cooperation. Partner: Universidad de Buenos Aires, Facultad de Agronomía, Buenos Aires (Argentina).
2018-2022: Framework Agreement for Educational and Scientific Cooperation. Partner: Azarbaijan Shahid Madani University, AzarUniv, Tabriz (Iran).
2016-2019: Framework Agreement for Educational and Scientific Cooperation for MSc and PhD student exchanges. Partner: Hokkaido University, Sapporo (Japan).
2016-2019: MoU for scientific and educational exchanges. Partner: Hokkaido University, Sapporo (Japan).
2014-2019: MoU for scientific and educational exchanges. Partner: Universidad Politécnica de Cartagena, Cartagena (Spain).
2014-2019: MoU for scientific and educational exchanges. Partner: Warsaw University of Life Sciences – SGGW. Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw (Poland).
2013-2018: MoU for Common Research, Teaching, Technology Transfer projects. Partner: The College of Food Science and Technology, Henan Agricultural University, Zhengzhou (China).
2011-2014: EU LLP IP Programme. ‘IP-BioSusHort’: Potential of using biodiversity for achieving a sustainable horticulture. Partners: Leibniz Universität Hannover, Hannover (D) (Coordinator); Katholieke Universiteit Leuven, Leuven (B); Sveučilište u Zagrebu, Zagreb (HR); Česká zemědělská univerzita v Praze, Prague (CZ); Helsingin yliopisto, Helsinki (FI); Agrocampus Ouest, Angers (F); Wageningen Universiteit, Wageningen (NL); Szkoła Główna Gospodarstwa Wiejskiego w Warszawie, Warsaw (PL); Universidade Trás-os-Montes e Alto Douro, Vila Real (P); Sveriges Lantbruksuniversitet, Alnarp (SE).
2011-2013: EU Alcotra 2007-2013. ‘Genealp’. International Partners: FranceAgriMer, Voix (F); Chambre d’agriculture del Hautes Alpes, Gap Cedex (F).
2012-present. Member of the PhD Program of the University of Almeria. Partner: Universidad de Almeria (Spain)
2012-present. Common Research, Teaching, Technology Transfer projects. Partner: Universidad de Almeria (Spain)
2011-present. Common Research, Teaching, Technology Transfer projects. Partner: Universidad de Talca (Chile)
2008-present. Common research projects. Partner: Department of Vegetable Crops, University of West Bengala (India). Indian Ministry of Science and Technology,
2008-present: Common Research, Teaching, Technology Transfer projects. Scientific and educational exchanges. Partner: Leibniz - Institut für Gemüse und Zierpflanzenbau (The Leibniz Institute of Vegetable and Ornamental Crops - IGZ), <i>Großbeeren (Germany)</i> .
2003-present. Common Research, Teaching, Technology Transfer projects.

Partner: Universidad Politécnica de Cartagena, Murcia (Spain).

International Invitations

19 th International Conference Life Sciences for Sustainable Development. 24-25 September 2020 (held on line). University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania. Keynote Speaker. (held on line).
9 th International Conference “Agriculture For Life – Life for Agriculture”. 4-6 June 2020. Bucharest, Romania. Keynote Speaker (held on line).
6 th South East Europe Postharvest Conference “Quality Management in Postharvest Systems”. 26-28 June 2019. Novi Sad, Serbia. Invited and ISHS Representative.
1 st International Conference and 10 th National Horticultural Science Congress of Iran. 4-7 Sept. 2017. ISHS Representative.
2 nd Asian Horticultural Congress, 25-28 Sept. 2016. Chengdu, Sichuan, China. ISHS Representative.
China Optimization Society of Capital Construction (COSOCC), 20-21 Sept. 2016. Beijing, China. ISHS Representative to Establish Co-operation for the International Academy of Asparagus Sciences.
China National Asparagus Symposium, 18-19 Sept. 2016. Hezhe, Shandong, China. ISHS Representative. Keynote speaker.
1 st European Conference of Post graduate Horticultural Scientists (ECPHS) - ISHS, 12-13 May 2016, Palermo, Italy. ISHS Representative. Keynote speaker.
5 th International Symposium on Ecologically Sound Fertilization Strategies for Field Vegetable Production – ISHS, 18-22 May 2015. Beijing, China. ISHS Representative. Keynote speaker.
VI Balkan Symposium on Vegetables and Potatoes. ISHS. 29 September – 2 October 2014. Zagreb, Croatia. Official ISHS Representative. Keynote speaker.
International Week, WULS – From field to fork. 22-26 September 2014, Warsaw, Poland. Invited guest and speaker.
XIII ISHS International Symposium on the Processing Tomato. 8-11 June 2014, Lake Garda, Italy. Invited Host. Official ISHS Representative.
I ISHS International Symposium on Vegetable Grafting. 17-21 March 2014, Wuhan, China. Invited Host. Official ISHS Representative.
Henan Agricultural University, Zhengzhou, China. 8- 11 October 2013. Invited Host and Lecturer.
XIII ISHS International Asparagus Symposium. 15-18 October 2013, Nanchang, China. Invited Host. Official ISHS Representative.
Symposium Quality of fresh produce, herbs and vegetables – from field to fork. 18-19 September 2013, Warsaw, Poland. Invited speaker.
NUTRIHORT: Nutrient management, innovative techniques and nutrient legislation in intensive horticulture for an improved water quality. 16-18 September 2013, Ghent, Belgium. Keynote speaker.
Eurasian Symposium of Vegetables, Greens and Potato. ISHS, Armenia. 16-20/10/2012. Invited Host. Official ISHS Representative.
VI International Symposium on Brassicas and XVIII Crucifer Genetics Workshop. ISHS. Catania, Italy, 12-16/11/2012. Invited Host. Official ISHS Representative.
International Symposium on Biotechnology and other Omics in Vegetable Science. ISHS. Antalya, Turkey, 29/4-3/5/2012. Invited Host. Official ISHS Representative.
V Balkan Symposium on Vegetables and Potatoes. ISHS. Tirana, Albania, 9-12/10/2011. Invited Host. Official ISHS Representative.
III International Symposium on Tomato Diseases. ISHS, Ischia, Italy, 25-30/07/2010. Invited Host. Official ISHS Representative.
V International Symposium on Seed, Transplant and Stand Establishment. ISHS. Murcia, Spain. 27/09-01/10/2009. Invited Host. Official ISHS Representative.
VII International Symposium on Artichoke, Cardoon and their Wild Relatives. ISHS, Saint Pol de Léon, France. 16-19/06/2009. Invited Host. Official ISHS Representative.
Vegetable Production and Quality and Process Standardization in Chain: a Worldwide Perspective. ISHS, Beijing, China, 14-17/10/2008. Invited Host. Official ISHS Representative.
International Symposium on Tomato in the Tropics. ISHS. Villa de Leyva, Colombia. 9-13 September 2008. Official ISHS Representative.

8th World Congress of the World Processing Tomato Council (WPTC) and 11th ISHS Symposium on the Processing Tomato. ISHS. Toronto, Canada. 8-11 June 2008. Official ISHS Representative.
International Symposium on The Socio-Economic Impact of Modern Vegetable Production Technology in Tropical Asia. ISHS. Chiang Mai, Thailand. 3-6 February 2008. Invited Host. Official ISHS Representative.
5 th International ISHS Symposium in ‘Edible Alliaceae’ – 2 nd World Onion Congress. Lelystad, The Netherlands. 29/10 – 1/11 - 2007. Invited Host. Official ISHS Representative.
II International Symposium on Tomato Diseases. ISHS. Izmir, Turkey. 8-11 October 2007. Official ISHS Representative.
QMFCP2007: ‘The International Conference on Quality Management on Fresh Cut Produce’. ISHS. Bangkok, Thailand. 6-8 August 2007. Official ISHS Representative.
International Symposium on Vegetable Security and Human Health. Beijing Society for Vegetable Science, FAO and Beijing Association for Science and Technology. Beijing (China), 21-23/08/2006. Official ISHS Representative.

Institutional Relations with Foreign Universities/Institutes

Hosting Erasmus Responsible of University Cluj Napoca, Romania. September 2019.
Invited Hosted by ‘Cyprus University of Technology’ Limassol, Cyprus. September 2018.
Hosting Representative of ARO, The Volcani Center, Rishon LeZion, Israel. June 2018.
Invited Hosted by ‘State Agrarian University of Moldova’, Chisinau, Moldova. June 2015.
Invited Hosted by ‘Zhengzhou University of Light Industry’, Zhengzhou, China. May 2015.
Invited Hosted by ‘Henan Agricultural University’, Zhengzhou, China. May 2015.
Invited Host at Chinese Academy Agricultural Science, Beijing, China. May 2015.
Professor in the International MSc ‘Mediterranean Greenhouse Horticulture’ of the University of Almeria. Since 2014.
Invited Hosted by Warsaw University of Life Science, Warsaw September 2014
Invited Hosted by ‘Henan Agricultural University’, Zhengzhou, China. October 2013.
Member of the PhD program of the University of Almeria. Since 2012.
Hosting Delegation from China: Vice-president, Henan Agricultural University; Dean, College of Food Science and Technology, Henan Agricultural University; Director, Farm of Henan Agricultural University; Dean, College of Science, Henan Agricultural University; Deputy director, National Engineering Research Centre for Wheat, Henan Agricultural University, Zhengzhou, China. January 2012.
Hosting Delegation from Instituto de Investigaciones Agropecuarias (INIA) on behalf of the Centro de Estudios en Alimentos Procesados (CEAP) for International Collaboration (MoU), Talca, Chile. December 2011.
Hosting Delegation from China: Vice-president of Beijing Academy of Agricultural and Forestry Sciences; Deputy Director of Vegetable Research Center, BAAFS; Deputy Director of Plant Nutrition and Resources Institute, BAAFS; several professors for International Collaboration (MoU), Beijing, China. November 2011.
Hosting Delegation from Universidad de Talca for International Collaboration, Talca, Chile. June 2011.
Invited Hosted by ‘Universidad Politécnica de Cartagena’, Cartagena, Murcia, Spain. 03/2011.
Invited Hosted by ‘Instituto Tecnológico del Valle de Oaxaca, Oaxaca, Mexico’. 09/2007, 09/2008, 09/2009.
Hosting Erasmus Responsible of ‘University of Kiel, Plant Breeding Institute, Agricultural Faculty, Ege University’, Izmir, Turkey. May 2009.
Hosting Provost of the Facultad de Ciencias Agrarias y Forestales, Universidad Nacional de la Plata, La Plata, Argentina. October 2008.
Hosting Erasmus Responsible of ‘Akdeniz Universitesi, Ziraat Fakültesi’, Antalya, Turkey. September 2008.
Hosting Erasmus Delegation of the University of Plovdiv, Bulgaria. July 2006 and August 2008.
Hosting Delegation of the University of Kassel, Germany. October 2006.
Hosting Erasmus Responsible of ‘Technological Educational Institute of Thessaloniki’, Greece. September 2005.
Invited Hosted by ‘Ain Shams University, Kairo, Egypt under IMG-TEMPUS project. November – December 2004.
Invited Hosted by ‘Agriculture University’ Plovdiv, Bulgaria. July 2004.
Invited Hosted by ‘Häme Polytechnic’ Lepaa, Finland. May 2004.
Hosting Erasmus Responsible of ‘Universidad Politécnica de Cartagena’, Spain. February 2004.
Invited Hosted by ‘Universidad de Castilla-La Mancha’, Albacete, Castilla-La Mancha, Spain. December 2003 and April 2007.

Hosting Erasmus Responsible of 'Universidad de Castilla La Mancha', Spain. June 2003.
Invited Hosted by 'Universidad Politécnica de Cartagena', Cartagena, Murcia, Spain. March 2003.
Hosting Erasmus Responsible of 'College HertoDenBosch', Holand. May - June 2002.
Hosting Erasmus Responsible of 'Universidad Politécnica de Madrid', Spain. July 2001.
Invited Hosted by 'Istituto Agronomico', Campinas, Sao Paolo, Brazil. June 2001.
Invited Hosted by 'Universidad Politécnica de Madrid', Spain. July 2000.
Invited Hosted by 'College HertoDenBosch', Holand. June 2000.
Hosting Delegation of 'University of Florida' – Citrus Club. May 1999.

Institutional Responsibilities with Foreign Universities

Boards

Department Chair of Foreign Affairs (2015-onward)

President of the Faculty Commission for the International Student Programs (2002-2010)

Individual duties

Scientific Officer for Foreign Affairs with the following Universities and Institutions:

Shiraz University, Shiraz (Iran). Since 2020

Meiji University, Tokyo (Japan). Since 2020

Tarbiat Modares University, Teheran (Iran). Since 2020

Institut Agronomique et Veterinaire Hassan II di Rabat, Agadir (Morocco). Since 2020

University of Arizona, Tucson, Arizona (USA). Since 2019

Universidad de Buenos Aires, Facultad de Agronomía, Buenos Aires (Argentina). Since 2018

Azarbaijan Shahid Madani University, AzarUniv, Tabriz (Iran). Since 2018

Hokkaido University, Sapporo (Japan). Since 2016

Responsible of Erasmus Program (European Educational Program) with the following Universities:

Universidad de Zaragoza - Zaragoza (Spain) (2020-onward)

University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca – Cluj-Napoca (Romania) (2019-onward)

University of Agronomic Sciences and Veterinary Medicine of Bucharest – Bucharest (Romania) (2019-onward)

University of Thessaly – Volos (Greece) (2018-onward)

Universidad de Almería – Almería (Spain) (2018-onward)

Aristotle University of Thessaloniki – Thessaloniki (Greece) (2018-onward)

Cyprus University of Technology – Limassol (Cyprus) (2017-onward)

Institut National d'Horticulture – Angers (France) (2008-2009)

Technical University of Lisbon, Instituto Superior de Agronomia - Lisbon (Portugal) (2008-2009)

Uludag University - Görükle, Bursa (Turkey) (2006-2009)

Akdeniz University, Antalya (Turkey) (2006-2009)

Mustafa Kemal University, Antakya (Turkey) (2006-2009)

Technological Educational Institution of Thessalonica (Greece) (2004-2009)

Ege University – Bornova / Izmir (Turkey) (2004-2009) (2017-onward)

Universidad de Castilla-La Mancha (Spain) (2003-2009)

Universidad Politécnica de Cartagena (Spain) (2003-2009; 2017-onward)

Agricultural University, Plovdiv (Bulgaria) (2000-2009)

E.T.S. Ingenieros de Montes (Madrid – Spain) (2000-2007)

University of Gent (Belgium) (1999-2001)

Universidad Politécnica de Madrid (Spain) (1999-2007)

College Herto Den Bosch (The Netherlands) (1999-2007)

Participant at International Fairs, Meetings

Salads in (r)evolution. Annual Conference of LAVA (Administrative and Logistic Association of Auctions), Gent, Belgium, 18-19-/09/2014.

Feria Valencia – EUROAGRO. Feria Internacional de la Producción agrícola. Valencia, Spagna, 19-20/04/2007.

IFPA Europe Conference. An Integrated Approach to Extending Fresh-cut Product Shelf-life. Valencia, Spain, 19-20/10/2005.

Feria Valencia – EUROAGRO. Feria Internacional de la Producción agrícola. Valencia, Spain, 19-20/10/2005.
Jornadas Técnicas sobre “Innovación en nutrición vegetal y en protección de cultivos”. Torre Pachego, Murcia, Spain, 11/12/2003.
XIX Expo-Agro Almería. International Horticulture Fair. Almeria, Spain, 27-28/11/2003.
Reunión de la Red Uso Eficiente del N en Agricultura (RUENA)”. CIFA La Mojonera, Almeria, Spain, 12-13/11/2003.
FruitLogistica International Fair on Fresh Produce. Berlin, Germany, 2002, 2006, 2008, 2009, 2010, 2011, 2013, 2016, 2017, 2018.

International Courses Taken, Professional Improvement

Novel Teaching Methods in Environmental Horticulture. Scuola Superiore di Studi Universitari e di Perfezionamento Sant'Anna, Pisa. Italy. 5-9 June 2000.
Scanning Electron Microscopy for Biologists (with an introduction to laser scanning confocal microscopy). The Interdisciplinary Center for Biotechnology Research. University of Florida, Gainesville, FL. USA. 6-10 May 1996.
Radiation Safety Short Course. Division of Environmental Health and Safety. Radiation Control and Radiological Services Department. University of Florida, Gainesville, FL. USA. 8-17 April 1996.
International Workshop on Field Instrumentation for Environmental Physiology. Centro Studi “I Cappuccini”. San Miniato, Pisa. Italy. September 1991.

National Committees and Society Activities

National Scientific Committees

Member of the Scientific Committee of XIII Giornate scientifiche SOI (National SOI Congress). 2021, Catania, Italy.
Member of the Technical Board of Medicinal and Aromatic Plants, Ministry of Agriculture. Since 2013, Rome, Italy.
Member of the Scientific Committee of <i>Il Vivaismo orticolo: Innovazione e nuove esigenze</i> . (National SOI Meeting). 11/12/2009, Grugliasco, Italy.
Member of the Scientific Committee of VIII Giornate scientifiche SOI (National SOI Congress). 8-11/05/2007, Sassari, Italy.

National Congress and Meeting Organizations

Scientific organizer: National Meeting / Urbinati Academy: <i>Il Vivaismo orticolo</i> . Urbinati, San Mauro Pascoli (FC), 8-9 November 2016.
Convener and organizer: National Meeting / Urbinati Academy: <i>Il Vivaismo orticolo</i> . Urbinati, San Mauro Pascoli (FC), 29 September 2012.
Convener and organizer: National Meeting (Final Research Project Meeting: ESSENTIA: Cultivation, yield optimization, quality at harvest, post-harvest processing of aromatic species to enhance the agri-food chain): Coltivazione, ottimizzazione della produzione, qualità alla raccolta ed in post-raccolta di specie aromatiche per diversi usi nell'agro-alimentare. Lombriasco (TO), 16 February 2011.
Co-organizer: Regional Meeting (Final Research Project Meeting: APIUMPIEMONTE: Valorization of Celeries of Geographical Origin through the quality in chain - from fork to farm). Valorizzazione del Sedano Rosso di Torino attraverso lo studio della filiera – Form fork to farm. Orbassano (TO), 11 April 2010.
Convener and organizer: National Workshop: Research for enhancing the food chain of medicinal and aromatic plants ‘(Il contributo della ricerca per la qualificazione della filiera delle piante officinali)’. IX Giornate Scientifiche SOI. Florence, 12 March 2010.
Convener: <i>Il Vivaismo orticolo: Innovazione e nuove esigenze</i> . Università di Torino. Grugliasco, TO, 11 December 2009.
Scientific Advisor: 1 st Fruit and Vegetables Meal & Solution Meeting. Cibus Tech – Fiere Parma. Parma, 27 October 2009.
Co-organizer: Regional Meeting (Final Research Project Meeting: SWEETLEEK: leek of Geographical Origin: product cultivation and quality valorization). Il porro lungo dolce di Carmagnola: un PAT in cerca di DOP. Carmagnola (TO), 03 April 2009.

National Editorial Responsibilities and Duties

Chair of the Editorial Scientific Committee of the National Conference ‘Il Vivaismo orticolo: Innovazione e Nuove Esigenze’ – SOI – 11/12/2009 – Italus Hortus 6/2010 (SOI).
Member of the Editorial Scientific Committee of the ‘Italian Workshop on Postharvest’ – SOI – Sassari 7/10/2005 - Italus Hortus 6/2006 (SOI)
Member of the Editorial Board of the Italian Journal of Horticultural Sciences (Italus Hortus) (2004-2011).

National Working Groups – Scientific Boards – Extension Service

University technical expert for Vegetable Crops & Medicinal and Aromatic Plants for the Rural Development Plan – Regional Plan. (2016-present).
Member of the Board of the Italian Society of Horticultural Science (SOI). (2004-2010).
Chair of Working Group on Medicinal and Aromatic Plants (Italian Society Horticultural Science - SOI). (2004-2010).

National Relations and Experiences

National Invitations

Academy of Agriculture, Conference Series. 07/04/2021. Torino. Invited speakers. <i>Title of the talk: Innovations on asparagus production</i> (‘Asparago a Santena: innovazioni dal mondo’).
Academy of Agriculture, Conference Series. 05/06/2019. Torino. Invited speakers. <i>Title of the talk: Vertical farming as a food production system: back to the future?</i> (‘Vertical Farming come sistema di produzione di cibo: un ritorno al futuro?’).
Regional Meeting ‘Technological Innovation in advanced horticulture (‘Le innovazioni tecnologiche nelle colture ortofrutticole specializzate’). 24/11/2015. Grosseto. Invited speakers. <i>Title of the talk: Innovation in soilless culture with liquid medium: The NGS system</i> (‘Innovazione nelle colture fuori suolo con mezzo liquido: Il sistema NGS’).
XI National Meeting of AISSA (Italian Association of Scientific Societies in Agriculture) ‘Food security and safety: a global challenge’. 12-14/11/2013. Piacenza. Invited speaker. <i>Title of the lecture: Security e Safety dei prodotti ortofrutticoli: problematiche e strategie di ricerca.</i>
Round Table ‘Quality agriculture and Medicinal and Aromatic Plants (‘Agricoltura di qualità e piante officinali’). Regional Government of Campania. Scala (SA). 29/07/2012. Invited speaker. <i>Title of the lecture: Le piante officinali: una risorsa importante per il territorio.</i>
Meeting: Urban Horticulture (‘Agricoltura Urbana, Orti e Frutteti in Città’). Green Commerce; Nuova società Orticola del Piemonte; Università di Torino, Dip. Colture Arboree. Torino, 25/05/2012. Invited Speaker.
Workshop on Non destructive analyses for quality parameters evaluation of fresh-cut products (‘Analisi non distruttive per la valutazione della qualità di ortaggi di IV gamma durante la shelf life (SHELF-IV, Progetto 1100’). Regional Government of Lombardy. S. Paolo d’Argon (BG). 24/11/2009. Invited Speaker.
National Seminar on Medicinal and Aromatic Plants Regional R&D Programs (‘Le piante officinali, confronto dei Servizi allo Sviluppo regionali sulle tematiche della filiera’). Menfi. 20/11/2009. Invited speaker.
National Workshop ‘Plant Propagation Innovation’ (‘Miglioramento qualitativo della produzione vivaistica ortofrutticola di specie propagate vegetativamente: un approccio applicativo, biochimico e molecolare’ - ‘Quale progetto per una migliore propagazione?’). Cesena (FC). 02/02/2001. Session Chairperson.

Presenter at National Meetings and Symposia

Workshop: The Genepy of the Alps: culture, tradition and innovation without borders (‘Il genepi delle Alpi: cultura, tradizione e innovazione senza confini’). <u>Organizer</u> : Alcotra; Regione Piemonte; Provincia di Torino. <u>Place and Date</u> : Oulx (TO), 01/10/2011. Speaker.
National Meeting: Cultivation, yield optimization, quality at harvest, post-harvest processing of aromatic species to enhance the agri-food chain (‘Coltivazione, ottimizzazione della produzione, qualità alla raccolta ed in post-raccolta di specie aromatiche per diversi usi nell’agro-alimentare’). <u>Organizer</u> : Università di Torino. <u>Place and Date</u> : Lombriasco (TO), 16/02/2011. Speaker.
Regional Meeting: The added value of the local Red Celery in Chain – From fork to Farm (‘Valorizzazione del Sedano Rosso di Torino attraverso lo studio della filiera – Form fork to farm’). <u>Organizer</u> : Università di Torino, Faculty of Agriculture; Assot. <u>Place and Date</u> : Orbassano (TO), 11/04/2010. Speaker.
National Workshop: Research for enhancing the food chain of medicinal and aromatic plants (‘Il contributo della ricerca per la qualificazione della filiera delle piante officinali’). IX Giornate Scientifiche SOI. <u>Organizer</u> : National

Society of Horticultural Science, Working Group on Medicinal and Aromatic Plants. <u>Place and Date</u> : Florence, 12/03/2010. <u>Speaker</u> .
IX National Horticultural Society Scientific Congress ('IX Giornate Scientifiche SOI'). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Florence, 10-12/03/2010. <u>Poster presenter</u> .
Il Vivaismo orticolo: Innovazione e nuove esigenze. (National SOI Meeting). <u>Organizer</u> : Dept. Agroselviter, Università di Torino. <u>Place and Date</u> : Grugliasco, 11/12/2009. <u>Speaker</u> .
1 st Fruit and Vegetables Meal & Solution Meeting. Cibus Tech. <u>Organizer</u> : Fiere Parma. <u>Place and Date</u> : Parma, 27/10/2009. <u>Speaker</u> .
Meeting on 'Fresh-Cut produce: Science meets the Industry'. <u>Organizer</u> : Università di Foggia. <u>Place and Date</u> : Foggia, Italy, 04/09/2009. <u>Speaker</u> .
Meeting on 'Quality Vegetable Crops for a market in evolution'. <u>Organizer</u> : Università di Foggia. <u>Place and Date</u> : Foggia, Italy, 30/04/2009. <u>Poster presenter</u> .
Meeting on 'The Sweet Long Leek of Carmagnola. A TAP looking for the DPO'. <u>Organizer</u> : Scuola IISS Baldessano-Roccati, Carmagnola. <u>Place and Date</u> : Carmagnola (TO), 03/04/2009. <u>Speaker</u> .
Round Table: 'Valorization of the Peas of Casalborgone'. <u>Organizer</u> : Comune di Casalborgone. <u>Place and Date</u> : Casalborgone, Torino, 25/05/2008. <u>Speaker</u> .
Meeting on 'The Sweet Long Leek of Carmagnola. A TAP looking for the DPO'. <u>Organizer</u> : Scuola IISS Baldessano-Roccati, Carmagnola. <u>Place and Date</u> : Carmagnola (TO), 24/09/2007. <u>Speaker</u> .
Meeting on Pea, Territory, Food: Valorization of a Local Variety. <u>Organizer</u> : Comune di Casalborgone. <u>Place and Date</u> : Casalborgone, Torino, 19/05/2007. <u>Speaker</u> .
VIII National Horticultural Society Scientific Congress ('VIII Giornate Scientifiche SOI'). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Sassari, 8-11/05/2007. <u>Speaker</u> .
VII National Horticultural Society Periodical Technical Congress on Fertigation in Horticultural Crops ('La fertirrigazione in orto-floro-frutticoltura'). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Padova, 2-3/12/2005. <u>Poster presenter</u> .
Workshop of Postharvest Working Group of the Italian Society for Horticultural Science: State of the research on horticultural postharvest ('Stato della ricerca italiana sul post raccolta dei prodotti ortoflorofrutticoli'). <u>Organizer</u> : Italian Society for Horticultural Science, University of Sassari. <u>Place and Date</u> : Sassari, 07/10/2005. <u>Speaker</u> .
VII National Congress on Genetic Resources: The Biodiversity strength to qualify food chain ('L'agrobiodiversità per la qualificazione delle filiere produttive'). <u>Organizer</u> : Italian Society for Horticultural Science, University of Catania, Slow Food. <u>Place and Date</u> : Catania, 31/03-02/04/2005. <u>Poster presenter</u> .
VII National Horticultural Society Scientific Congress ('VII Giornate Scientifiche SOI'). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Naples, 4-6/05/2004. <u>Speaker</u> .
National Horticultural Society Periodical Technical Congress on Innovation in Nursery Industry ('L'innovazione nel vivaismo ortoflorofrutticolo'). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Taormina, Messina, 2-4/10/2003. <u>Poster presenter</u> .
National Horticultural Society Congress. 1953-2003: 50 years of Horticultural Science in Italy ('1953 - 2003: Cinquant'anni di Orticoltura italiana'). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Bari, Italia. 19/06/2003. <u>Speaker and Poster presenter</u> .
IV International Workshop of R.U.R.A.L.I.A Society: Preserving rural architecture in modern production era ('La tutela dell'architettura rurale nell'evoluzione del sistema produttivo'). <u>Organizer</u> : R.U.R.A.L.I.A. <u>Place and Date</u> : Florence, 16-18/05/2003. <u>Poster presenter</u> .
Workshop on Cultural Techniques to produce minor species ('La tecnica culturale per alcune specie orticole minori'). <u>Organizer</u> : OrtoMac 2003, Agricesena. <u>Place and Date</u> : Cesena, Forlì, 01/2003. <u>Speaker</u> .
Annual Meeting on Landscaping and Cultivation of Herbs ('Appuntamento sui temi del Paesaggio e sulla coltivazione delle erbe aromatiche'). <u>Organizer</u> : Comune di Chiaverano. <u>Place and Date</u> : Chiaverano, Torino, 08/09/2002. <u>Speaker</u> .
Annual Meeting on Not herbs only ('Non solo erbe'). <u>Organizer</u> : Comune di Sale San Giovanni. <u>Place and Date</u> : Sale San Giovanni, Cuneo, 23/06/2002. <u>Speaker</u> .
Meeting on Medicinal and Aromatic Plants for biodiversity preservation and agriculture development in mountain areas ('Piante officinali, biodiversità e agricoltura - Prospettive per la montagna'). <u>Organizer</u> : University of Pavia. <u>Place and Date</u> : Varzi, Pavia, 23-25/05/2002. <u>Speaker</u> .
VI National Horticultural Society Periodical Scientific Congress ('IV Giornate Scientifiche SOI'). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Spoleto, Perugia, 23-25/04/2002. <u>Speaker</u> .

Meeting on New strategies for agricultural development in the mountains: products of geographical origin and from organic farming ('Nuovi orientamenti per l'agricoltura in valle, prodotti biologici e zootecnia. L'attenzione alla qualità ed allo sviluppo dei prodotti locali'). <u>Organizer</u> : Comune di Luserna San Giovanni (TO). <u>Place and Date</u> : Luserna San Giovanni, Torino, 28/10/2001. <u>Speaker</u> .
Annual Meeting on Landscaping and Cultivation of Herbs ('Appuntamento sui temi del Paesaggio e sulla coltivazione delle erbe aromatiche'). <u>Organizer</u> : Comune di Chiaverano. <u>Place and Date</u> : Chiaverano, Torino, 09/09/2001. <u>Speaker</u> .
Annual Meeting on Not herbs only ('Non solo erbe'). <u>Organizer</u> : Comune di Sale San Giovanni. <u>Place and Date</u> : Sale San Giovanni, Cuneo, 17/06/2001. <u>Speaker</u> .
Annual Meeting on Landscaping and Cultivation of Herbs ('Appuntamento sui temi del Paesaggio e sulla coltivazione delle erbe aromatiche'). <u>Organizer</u> : Comune di Chiaverano. <u>Place and Date</u> : Chiaverano, Torino, 10/09/2000. <u>Speaker</u> .
V National Horticultural Society Periodical Scientific Congress ('IV Giornate Scientifiche SOI'). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Sirmione, Brescia, 28-30/03/2000. <u>Speaker</u> .
IV National Horticultural Society Periodical Scientific Congress ('IV Giornate Scientifiche SOI'). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Sanremo, Imperia. 1-3/04/1998. <u>Speaker</u> .
Technical Meeting 'Protagri 1992' on Protected Cultivation ('Protagri 1992: Le colture protette: impatto ambientale, qualità dei prodotti e tecnologie innovative'). <u>Organizer</u> : Verona Fiere. <u>Place and Date</u> : Verona, 12-13/03/1992. <u>Speaker</u> .
II National Congress on Nursery Industry ('Il Vivaismo orticolo'). <u>Organizer</u> : University of Foggia. <u>Place and Date</u> : Foggia, 2-4/05/1991. <u>Speaker</u> .
I National Congress on Nursery Industry ('Il Vivaismo orticolo'). <u>Organizer</u> : University of Foggia. <u>Place and Date</u> : Foggia, 4-5/05/1989. <u>Speaker</u> .

Participant at National Meetings and Symposia

Meeting on Strengthening and Promote Transregional Cooperation on Innovation (Migliorare e promuovere la cooperazione transfrontaliera sui temi dell'innovazione). <u>Organizer</u> : Provincia di Torino, CAFI. <u>Place and Date</u> : Collaretto Giocosa, Torino, 16/06/2006.
Workshop on Plasticulture, Mulching, Solarization in Protected Cultivation (Materiali plastici per l'ortoflorofrutticoltura: copertura, pacciamatura, solarizzazione). <u>Organizer</u> : Italian Society for Horticultural Science. <u>Place and Date</u> : Pisa, 30/05/2006.
Meeting on Technology and Automation in Fresh Produce: influences on quality (Prospettive della Tecnologia e dell'automazione in Orto-Frutticoltura: Influenza sulla qualità dei Prodotti). <u>Organizer</u> : CRA – IVTPA. <u>Place and Date</u> : Milan, 20/04/2006.
Meeting on Fresh Produce: quality and shelf-life ('Ortofrutta: qualità e conservazione'). <u>Organizer</u> : Veneto Agricoltura. <u>Place and Date</u> : Corte Benedettina, Legnaro, Padova, 14/12/2005.
Workshop on Producers and distributors of Fresh-Cut Produce ('Produttori e distributori di IV Gamma a confronto'). <u>Organizer</u> : Tecnohortus 2005, Padova Fiere. <u>Place and Date</u> : Padova, 2-3/12/2005.
Meeting on Fresh-Cut Produce Trade ('Presentazione Primo Rapporto sulla IV Gamma in Europa'). <u>Organizer</u> : Tecnohortus 2005, Padova Fiere. <u>Place and Date</u> : Padova, 02/12/2005.
Meeting on Processing tomato ('Il pomodoro colto'). <u>Organizer</u> : Vegetalia, Cremona Fiere. <u>Place and Date</u> : Cremona 31/01/2004.
Meeting on Fresh-cut produce in the agrifood chain ('I prodotti ortofrutticoli di IV gamma nella filiera agro-alimentare'). <u>Organizer</u> : Vegetalia, Cremona Fiere. <u>Place and Date</u> : Cremona 31/01/2004.
MacFrut 2003: Workshop on Traceability ('Rintracciabilità: cosa fare'). <u>Organizer</u> : MacFrut 2003, Agricesena. <u>Place and Date</u> : Cesena, Forlì, 10/05/2003.
MacFrut 2003: Workshop on Fresh-Cut Produce ('I prodotti di IV e V gamma fra nuove opportunità e vecchie minacce'). <u>Organizer</u> : MacFrut 2003, Agricesena. <u>Place and Date</u> : Cesena, Forlì, 09/05/2003.
MacFrut 2003: Workshop on Fresh Produce Consumer Modern Perception ('Frutta e verdura fra evoluzioni degli stili di vita e modifica dei modelli di consumo: miti da sfatare e tendenze da seguire'). <u>Organizer</u> : MacFrut 2003, Agricesena. <u>Place and Date</u> : Cesena, Forlì, 08/05/2003.
Workshop on EU V RTD Programme: Quality of life and Genetic Resources, the new opportunities for fundings ('V Programma Quadro di RST: Il programma 'Qualità della vita e Gestione delle Risorse Biologiche: le opportunità degli ultimi bandi'). <u>Organizer</u> : Centro Congressi Torino Incontra – Apre. <u>Place and Date</u> : 02/10/2001.

Workshop on Organic Produce Niche Trade ('Posizionamento dei prodotti biologici nel mercato'). <u>Organizer:</u> MacFrut 2001, Agricesena. <u>Place and Date:</u> Cesena, Forlì, 04/05/2001.
Workshop on Organic fresh production qualità and supply chain ('Qualità del prodotto fresco biologico e grande distribuzione'). <u>Organizer:</u> MacFrut 2001, Agricesena. <u>Place and Date:</u> Cesena, Forlì, 04/05/2001.
Meeting on Improving technology in horticulture nursery production ('Miglioramento qualitativo della produzione vivaistica ortofrutticola di specie propagate vegetativamente: un approccio applicativo, biochimico e molecolare'). <u>Organizer:</u> Agricesena. <u>Place and Date:</u> Cesena, Forlì, 02/02/2001.
Workshop on Grafting Technology (Giornata di Studio su 'L'innesto in Orticoltura'). <u>Organizer:</u> University of Catania. <u>Place and Date:</u> Ragusa, 14/12/2000.
Workshop on Fertilization in Horticulture ('La fertilizzazione in orticoltura'). <u>Organizer:</u> Agricesena. <u>Place and Date:</u> Cesena, Forlì, 30/11/2000.
Workshop on Vocational Education Accreditation ('Accreditamento dei fornitori di formazione'). <u>Organizer:</u> Regione Piemonte – ILO. <u>Place and Date:</u> Torino, 31/05/2000.
Workshop on Medicinal and Aromatic Plants: products, quality, trade ('Produrre piante officinali nell'Europa che cambia: prodotti, qualità, mercati'). <u>Organizer:</u> Verona Fiere, Herbora 2000. <u>Place and Date:</u> Verona, 29/04-01/05/2000.
Meeting on Agriculture: past and present opportunities ('Agricoltura: Opportunità economica del passato e per il futuro'). <u>Organizer:</u> Coldiretti provinciale di Cuneo e Comune di Moretta. <u>Place and Date:</u> Moretta, Cuneo, 11/12/1999.
Meeting on EU Information Society & Environment and Sustainable development programmes ('I programmi Società dell'Informazione e Ambiente e Sviluppo sostenibile: le opportunità dei nuovi bandi'). <u>Organizer:</u> Centro Congressi Torino Incontra – Apre. <u>Place and Date:</u> Torino, 03/12/1999.
Meeting on Mediterranean Crops ('Colture mediterranee: un'opportunità per l'agricoltura italiana in Europa'). <u>Organizer:</u> Agrofarma. <u>Place and Date:</u> Milano, 10/05/1999.
Meeting on Vegetable Facts in Piedmont ('L'orticoltura in Piemonte: analisi e prospettive di un settore in evoluzione'). <u>Organizer:</u> Coldiretti Asti and Federazione Regionale delle Cooperative agricole e agroalimentari del Piemonte. <u>Place and Date:</u> Asti, 06/02/1999.
Workshop on Fertigation (Giornata tecnica sull'irrigazione a goccia e sulla fertirrigazione). <u>Organizer:</u> G. Magnano Inc. <u>Place and Date:</u> Pralormo, Torino. 23/01/1999.
Seminars on Hydroponics ('Colture Idroponiche'). Technical and Scientific Innovation Upgrade. <u>Organizer:</u> University of Pisa, Department of 'Biologia delle Piante Agrarie'. <u>Place and Date:</u> Pisa, 26-28/02/1998.

Participant at National Fairs and Expositions

MacFrut 2010: National Fair on Fresh Produce. <u>Organizer:</u> MacFrut 2010, Agricesena. <u>Place and Date:</u> Cesena, Forlì, 6-8/10/2010.
CibusTech 2007: National Fair on Food Technology. <u>Organizer:</u> Parma Fiere. <u>Place and Date:</u> Parma, 17-20/10/2007.
MacFrut 2006: National Fair on Fresh Produce. <u>Organizer:</u> MacFrut 2006, Agricesena. <u>Place and Date:</u> Cesena, Forlì, 3-6/05/2006.
Tecnohortus 2005. Vegetable Crops Fair. <u>Organizer:</u> Padova Fiere. <u>Place and Date:</u> Padova, 2-3/12/2005.
Vegetalia: Prodotti, Macchine, Tecnologie e Servizi per la Filiera Vegetale. Fresh Produce Fair 2004. <u>Organizer:</u> Cremona Fiere. <u>Place and Date:</u> Cremona 30-31/01-01/02/2004.
MacFrut 2003: VIII Organic Farming Fair. <u>Organizer:</u> MacFrut 2003, Agricesena. <u>Place and Date:</u> Cesena, Forlì, 8-11/05/2003.
MacFrut 2003: Fresh Produce Fair. <u>Organizer:</u> MacFrut 2003, Agricesena. <u>Place and Date:</u> Cesena, Forlì, 8-11/05/2003.
Tecnohortus 2003. Vegetable Crops Fair. <u>Organizer:</u> Padova Fiere. <u>Place and Date:</u> Padova, 02/2003.
OrtoMac 2003. Vegetable Crops Fair. <u>Organizer:</u> Agricesena. <u>Place and Date:</u> Cesena, Forlì, 01/2003.
Vegetable Crops Day 2002 ('Giornate orticole 2002'). <u>Organizer:</u> Centro Sperimentale Orticolo di Boves. <u>Place and Date:</u> (CN). 21/08/2002.
MacFrut 2002: VII Organic Farming Fair. <u>Organizer:</u> MacFrut 2001, Agricesena. <u>Place and Date:</u> Cesena, Forlì, 9-12/05/2002.
MacFrut 2002: Fresh Produce Fair. <u>Organizer:</u> MacFrut 2001, Agricesena. <u>Place and Date:</u> Cesena, Forlì, 9-12/05/2002.

Vegetable Crops Day 2001 ('Giornate orticole 2001'). <u>Organizer</u> : Centro Sperimentale Orticolo di Boves. <u>Place and Date</u> : (CN). 24/10/2001.
Vegetable Crops Day 2001 ('Giornate orticole 2001'), Experimental fields (Porati F.lli farm, Rivalta Bormida, Alessandria; Bonardo F.lli e Tallone Gioachino farm, Bra). <u>Organizer</u> : Centro Sperimentale Orticolo di Boves.. <u>Place and Date</u> : Boves, Cuneo 21-22/08/2001.
MacFrut 2001: VI Organic Farming – Fair. <u>Organizer</u> : MacFrut 2001, Agricesena. <u>Place and Date</u> : Cesena, Forlì, 04/05/2001.
MacFrut 2001: Fresh Produce Fair. <u>Organizer</u> : MacFrut 2001, Agricesena. <u>Place and Date</u> : Cesena, Forlì, 4-7/05/2001.
OrtoMac 2001. Vegetable Crops Fair. <u>Organizer</u> : Agricesena. <u>Place and Date</u> : Cesena, Forlì, 01/2001.
Vegetable Crops Day 2000 ('Giornate orticole 2000'). <u>Organizer</u> : Centro Sperimentale Orticolo di Boves. <u>Place and Date</u> : Boves, Cuneo, 20/10/2000.
Vegetable Crops Day 2000 ('Giornate orticole 2000'), Experimental fields (Bonardo F.lli farm visit, Bra). <u>Organizer</u> : Centro Sperimentale Orticolo di Boves. <u>Place and Date</u> : Boves, Cuneo, 24/08/2000.

Other Relevant Experiences

2009-2011	Columnist and Reporter of Fresh Point Magazine.
2006-2011	Member of Expert Committee of 'C.LAB Agri - Laboratorio per la Tracciabilità nel settore Agroalimentare' (Traceability Lab in agrifood, a Regional Consortium between Regione Piemonte, Provincia di Cuneo, Comune di Cuneo, Facoltà di Agraria – Università di Torino, CSI-Piemonte).
2004-2013	Dean Representative for the 'Territorial Pact of Sangone Area Torino', Italy.
2004-2013	Dean Representative for the 'Territorial Pact of Southern Torino', Italy.
2003-2008	Member of Faculty Foreign Degree Evaluation.
2003-present	Faculty Representative of 'Organic Farming Committee' of the Province of Cuneo.
2003-2008	Member of Faculty Educational Commission.
2002-2008	President of Faculty of Agriculture Internationalization Program.
2002-2006	Member of Dean Financial Office.
2002	University Representative of the Piedmont Region Government in South Korea in the framework of the International Relations between Piedmont Region and third countries.
1999	Steering Committee for 'Best Variety Selection' of peas (Peas fair), Torino, Italy.

R&D Projects / Educational Projects

<i>Research Project</i>	<i>Funding Agency</i>	<i>Dr. Nicola's role</i>	<i>Years</i>
From Leaf to Root: Holistic Use of Vegetables (227,750€ total project budget, 57,000€ Unit funds)	H2020 EIT FOOD DID KIK Ref. KAVA20295	Unit Principal Investigator	2020
Servizi ecosistemici urbani polifunzionali: ritorno alle "radici" nell'ecosistema urbano (9,190.35€)	FONDI DI ATENEO (University Funds)	Participant	2020
International Credit Mobility Partner Countries Partner Country IRAN Partner University Azarbijan Shahid Madani University (36 months; 51,240 € funds)	Erasmus+ programme, KA107 International Credit Mobility, 2019 call	Responsible	2019-2022
BioEnPro4TO – Smart Solutions For Smart Communities (Unit: CUP D24I19001000002: 184,255.75 budget, 110.554,00€ funds) (5,688,313.74€ total project budget, 2,483018.24 € funds) (30 months)	Programma Operativo Regionale "Investimenti a favore della crescita e dell'occupazione" F.E.S.R. 2014/2020; F.S.E. 2014/2020. Piattaforma Tecnologica Bioeconomia POR FESR 2014/2020 Azione I.1b.2.2 - Regione Piemonte Ref. # n. 333-201.	Unit Principal Investigator	2019-2021

Usò di tecnologie avanzate per la propagazione e lo sviluppo di erbe aromatiche (2142.64€)	FONDI DI ATENEIO (University Funds)	Principal Investigator	2019
Towards innovation-driven and smart solutions in short food supply chains (SMARTCHAIN)	EU. Horizon 2020: H2020-SFS-2016-2017 Ref. #773785	Local Principal Investigator - Task leader Partner	2018-2020
Private Industry. Virens. Collaborazione sperimentale di ricerca triennale mirato alla definizione di una linea di formulati GREEN HAS ITALIA specifici per le colture di IV gamma coltivate negli areali europei di maggior interesse	Green Has SpA	Principal Investigator	2017-2019
Private Industry. FarmFutureAdvice	Geoponica	Consultant	2017-2020
Private Industry. SEAS SOCIÉTÉ DE L'EAU AÉRIENNE SUISSE SA	SEAS SOCIÉTÉ DE L'EAU AÉRIENNE SUISSE SA	Consultant	2016-2018
The Aromatic Garden: designing and setting a pedagogic and educational program with an aromatic garden in the municipality of Grugliasco (Collaborazione sperimentale di ricerca per la realizzazione di un percorso didattico-educativo nell'ambito di un "Giardino degli Aromi" all'interno del Parco Porporati del Comune di Grugliasco) (59,170€)	Comune di Grugliasco (Municipality of Grugliasco)	Principal Investigator	2016-2017
Effetti delle lavorazioni conservative sul sistema colturale del mais da granella e foraggero.	FONDI DI ATENEIO (University Funds)	Participant	2016
NGS-MOMENTA: developing the NGS technology in Italy	NGS	Principal Investigator	2015-2016
Erasmus+ Albania, Horticultural Science	EC KA1 Erasmus+ Extra-UE	Principal Investigator	2016-2017
Tecniche agronomiche per lo sviluppo di filiere per produzioni erbacee, orticole e lattiero-casearie di elevata qualità nutrizionale e ambientale (FILI-BOOST).	FONDI DI ATENEIO (University Funds)	Participant	2015
Enhancing <i>early vigor</i> in corn to increase yield and quality ("Effetti del potenziamento dell' <i>early vigor</i> in colture di mais sulla quantità e sulla qualità del prodotto ottenuto") (24,790.66€)	FONDI DI ATENEIO (University Funds) Ref. CUP D27E15000020001	Participant	2014
GAP INNO: GAP for Innovation in the food chain in the region of the Fucino ("Gestione di Avanzate Pratiche per L'INNOvazione della filiera orticola del Fucino") (18 months) (250,000€)	RDP-EU Measure 1.2.4 Regione Abruzzo. Ref. DH26/40 #94752106263	Principal Local Investigator	2014-2016
Optimization of production technology in floating system to obtain high quality, ready-to-use baby leaf vegetables	SENECA FOUNDATION SPAIN. Ref. 18871/IV/13	Principal Investigator	2014
Enhancing <i>early vigor</i> in corn to increase yield and quality (24,973.25€)	FONDI DI ATENEIO (University Funds) Ref. CUP D28C13000380005	Participant	2013
Cultural techniques to produce field corn, grain corn and sweet corn (1 year) 26,915.54	FONDI DI ATENEIO (University Funds) Ref. CUP D25E12001690005	Participant	2012
BioSustHort: IP Lifelong Learning Programme 2011. Potentials of using biodiversity for achieving a sustainable horticulture. (47,000€/year total project)	EU DAAD/Ref. 603/01.02.2011	Principal Local Investigator	2011-2014
European InterRegional Project Italy-France: 'GENEALP – Genepi of Alps and other Medicinal and Aromatic Plants (Genepi delle Alpi e altre piante officinali)' (64,000€)	FESR-EU Alcotra REGIONE PIEMONTE (Regional Government)	Principal Local Investigator	2010-2013
Regional Transferring Technology Project: 'L.A.N.A. (Lutte Agricole pour la Nourriture e l' Abondance)	REGIONE PIEMONTE (Regional Government)	Participant	2008-2010

National Research project: Chain and Product development of fresh-cut leafy vegetables in floating system: influence of N levels on yield and quality at harvest and operational conditions during processing on shelf-life of products (“Filiera di ortaggi da foglia per la IV gamma in floating system: influenza di livelli di N su resa e qualità alla raccolta e di condizioni in lavorazione post-raccolta sulla shelf-life del prodotto”). PI, local research unit: Optimization of operational conditions during fresh-cut processing of leafy vegetables for convenience mix salads with high functional value. (€43,243/€168,628.57 Total)	PRIN 2008 – MiUR Ref. 2008S9T3KK_002	Principal Local Investigator	2010- 2012
Regional project: Valorization of local fresh produce through technological innovation (ready-to-eat produce) (“Valorizzazione degli ortaggi attraverso l'innovazione tecnologica”) (€62,500)	CRC Foundation Ref. 2009/1214	Principal Investigator	2010 - 2011
CERTIFRESH: Feasibility Plan for the identification and management of Critical Control Points in Fresh-Cut industry: assessments for a Certification of Quality (“Studio di fattibilità per l'individuazione e la gestione dei punti critici di controllo nelle filiere di IV gamma ai fini di una certificazione di qualità”) (€37,539)	REGIONE PIEMONTE (Regional Government) POR 2007/2013 (FESR-EU) Ref. FA-147-376C Reference number: DB1600_POR- FESR_2010_8416	Principal Investigator	2010
NUTRAPIEM: Industry Research and Experimental Development of natural, functional, preservative and nutraceutical products, obtained by ultrasound extraction technologies (“Ricerca industriale e Sviluppo sperimentale di prodotti naturali nutraceutici, funzionali e conservanti ottenuti con processi di estrazione ad ultrasuoni: le Crucifere negli alimenti”) (€190,262 PI; € 884,230 Total)	REGIONE PIEMONTE (Regional Government) POR 2007/2013 (FESR-EU) Ref. FA-147-529C Reference number: 0147000529	Principal Investigator	2010- 2012
Research project on modeling risk analysis, and assessment of irrigation water in fresh produce (€8,000)	REGIONE PIEMONTE; Health Department (Regional Government) Ref. DD 204_30/04/2009	Scientific Advisor	2009- 2010
Department of Vegetable Crops , Punjab Agricultural University, Ludhiana, India: ‘Vegetable Crops & Medicinal and Aromatic Plants’. Project funds awarded for hiring an international scientist (salary, hosting, social security and insurance)	MIUR – Cooperation with India	Principal Investigator	2009
Department of Post – Harvest Technology, University of West Bengala, India: ‘Production and Postharvest Technologies’. Project funds awarded for hiring an international scientist (salary, hosting, social security and insurance)	MIUR – Cooperation with India	Principal Investigator	2009
Department of Spices & Plantation Crops, University of West Bengala, India: ‘Production and Postharvest Technologies’. Project funds awarded for hiring an international scientist (salary, hosting, social security and insurance)	MIUR – Cooperation with India	Principal Investigator	2009
‘HORTIMONT: Vegetable Crops introduction in mountain areas with an added value’ (€41,665/Total € 149,889.97)	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2008- 2010
PostDoc Award. Project funds awarded for hiring a postdoctoral senior scientist with all benefits (salary, social security and insurance).	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2008- 2010
‘ESSENTIA: Cultivation, yield optimization, quality at harvest, post-harvest processing of aromatic species to enhance the agri-food chain’ (€115,654/Total € 133,763.96)	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2008- 2010
Department of Vegetable Crops, University of West Bengala, India: ‘Food Science: Quality in the Agri-Food Chain’. Project funds awarded for hiring an international scientist (salary, hosting, social security and insurance)	MIUR – Cooperation with India	Principal Investigator	2008- 2009
University research project: ‘Valorization of pumpkin species for fresh-cut convenience’. (€ 4,077.55)	FONDI DI ATENEO (University Funds). Ref. ORTO08CBMJ	Principal Investigator	2008- 2009

World Wide Style Project: 'Food Science: Vegetables production and postharvest safety'. Project funds awarded for hiring an international scientist (salary, hosting, social security and insurance)	CRT Foundation, International Relations – UNIVERSITA' DI TORINO	Principal Investigator	2008
World Wide Style Project: 'Food Science: Medicinal Plant Extracts for Animal Health'. Project funds awarded for hiring an international scientist (salary, hosting, social security and insurance)	CRT Foundation, International Relations – UNIVERSITA' DI TORINO	Principal Investigator	2008
University research project: 'Soilless Cultivation of dill (<i>Anethum graveolens</i> L.) for the fresh-cut industry: a minor crop with functional properties'. (€ 3,856.70)	FONDI DI ATENEO (University Funds). Ref. ORTO072TER	Principal Investigator	2007-2008
PostGrad Award. Project funds awarded for hiring a graduate scientist with all benefits (salary, social security and insurance).	UNIVERSITA' DI TORINO	Principal Investigator	2007-2009
National Research project: 'Degenerative processes in ready-to-eat horticultural products'. PI, local research unit: 'Fresh-cut postharvest conditioning on quality decay of rocket and garden cress grown in floating system' (32,464€/€ 152,285)	MIUR – PRIN 2006 (Ministry of Education and Research) (Ref. 2006077008_003)	Principal Local Investigator	2007 – 2008
Regional research project: 'APIUMPIEMONTE: Valorization of Celeries of Geographical Origin through the quality in chain 'from fork to farm'. (62,615€/€ 141,491.87)	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2006-2008
Regional research project: 'Quality and Safety of fresh-cut vegetables'. (€ 145,000)	CIPE 2004 REGIONE PIEMONTE, MEF. MIUR	Co-Principal Investigator	2006-2009
Regional research project: 'GENEPIEM: Cultivation strategies and supply chain of the genepi plant production and liquor quality' (199,433€/€ 452,043.00)	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2006-2008
Provincial research project: 'Vegetables Crops and Medicinal and Aromatic Plants: Chain Introduction in a State Penitentiary of Asti. Subproject I: the local tomato variety'	COMUNE DI ASTI	Principal Investigator	2006-2008
Regional research project: 'Enhancing seed quality and traceability of seed production systems for local varieties: peas 'Pisello di Casalborgone' (€ 60,000.00)	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2006-2008
Regional research project: 'Enhancing seed production systems quality for local varieties: cardoon 'Cardo gobbo di Nizza Monferrato', bell pepper 'Cuneo o Trottole', 'Quadrato di Carmagnola', 'Corno di Carmagnola' (€ 91,400.00)	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2006-2008
Regional research project: 'Enhancing seed production systems quality for local varieties: bean 'Fagiolo bianco di Cuneo', celery 'Sedano dorato d'Asti', leek 'Porro di Cervere' (€ 91,900.00)	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2006-2008
Sinapsi Research project: 'Converting and Expanding a farm in marginal areas'	EU – ESF MLPS REGIONE PIEMONTE (EU-Regional Funds). Ref. SPTO-112- 29/11/2005/11.57	Scientist Advisor	2006
Regional research project: 'SWEETLEEK: leek of Geographical Origin: product cultivation and quality valorization'. (59,900€/€ 158,880.92)	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2005-2007
Sinapsi Research project: 'Artichoke cultivation introduction in the Piedmont Region'	EU – ESF MLPS REGIONE PIEMONTE (EU-Regional Funds)	Scientist Advisor	2005-2006
Private Industry research project: 'Medicinal and Aromatic Plants supply chain: product and process controls'	AZIENDA AGRICOLA LA RUOTA DEI PAVONI	Principal Investigator	2005-2006
Inter-Regional Research Project: 'Research and Innovation in Seed Production for Organic Farming'	MIPAF – Regione Umbria	Participant	2005-2007

	(Ministry of Agriculture – Umbria Region)		
Sinapsi Research project: 'Optimization of production, supply and logistic of food chain of genepi'	EU – ESF MLPS REGIONE PIEMONTE (EU-Regional Funds). Ref. SPTO-041-(2004)	Scientist Advisor	2005
University research project: 'The Soilless Culture System to produce minor crops for biofunctional food in the Fres-cut market: <i>Lepidium sativum</i> ' 12,116 (2005) 4,918.16€ (2006)	FONDI DI ATENEO (University Funds)	Principal Investigator	2004- 2006
National Research project: 'Fresh-cut vegetables: production and quality'. PI, local research unit: 'Soilless Culture Systems and Postharvest Handling to optimize commercial and safety characteristics and shelf-life of garden cress and rocket salad. 32,200€/216,800€	MIUR – PRIN 2004 (Ministry of Education and Research)	Principal Local Investigator	2004- 2006
European Union; Educational Division: 'Tempus Programme: Individual Mobility Grant'.	EUROPEAN UNION Ref. TEMPUS IMG- I10132004	Responsible	2004
Science Regional Division: 'GENEPIEM: Genepi cultivation for high quality genepi liquor production'	REGIONE PIEMONTE CIPE 2003 (Regional Government; Science Division)	Principal Investigator	2004- 2006
Private company research project: 'Introduction of Artichoke in Piedmont Region'	NUNHEMS Inc.	Principal Investigator	2004- 2005
University research project: 'The Soilless Culture System to produce minor crops for biofunctional food in the Fresh-cut market: <i>Portulaca oleracea</i> ' 8,010€	FONDI DI ATENEO (University Funds)	Principal Investigator	2004
International Regional research project: 'Experiments on Innovative Soilless Culture System to grow Leafy Vegetables'	SENECA FOUNDATION SPAIN. Ref. IV 00772/CV /03	Principal Investigator	2003
Regional research project: 'Grafted Sweet Pepper as Disease Control Strategy'	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2003- 2004
Regional research project: 'The production of radish with modern cultivation techniques'	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2002- 2004
Regional research project: 'Valorization of a vegetable production area with emphasis on traditional vegetables' 25,000€	COMUNE DI MONCALIERI (Local Government)	Principal Investigator	2002- 2004
Private company research project: 'Using the biostimulants 'Kendal'™ and Benefit PZ to optimize the production of tomato 'Cuor di Bue' and sweet pepper 'Quadrato di Carmagnola' 9,650€	VALAGRO Inc.	Principal Investigator	2002
Regional research project: 'Valorization of regional hilly areas with the introduction of organic farming systems to produce and process medicinal and aromatic plants'	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2001- 2003
Regional research project: 'The potato crop in mountain areas: application of an organic farming system and variety trials for a high quality production 29,000€	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2001- 2003
University research project: 'The Soilless Culture System to produce vegetable crops with high added value: the asparagus'	FONDI DI ATENEO (University Funds)	Principal Investigator	2001- 2003
University funds for Post-Doc: 'Evaluation and assessment in a regional territorial scale of the medicinal and aromatic plant sector'	UNIVERSITA' DI TORINO (University funds)	Advisor	2001- 2002
Regional research project: 'Valorization of the regional tomato ('Cuor di bue' or 'Bull hart') and characterization of post-harvest quality'	ORTOFRUTTICOLA – REGIONE LIGURIA (Regional Government)	Principal Investigator	2001- 2002
Regional research project: 'Valorization of the regional violet asparagus and characterization of post-harvest quality'	ORTOFRUTTICOLA – REGIONE LIGURIA (Regional Government)	Principal Investigator	2001- 2002

Regional research project: 'Valorization of the regional violet artichoke and characterization of post-harvest quality'	ORTOFRUTTICOLA – REGIONE LIGURIA (Regional Government)	Principal Investigator	2001
Regional research project: 'Cutting production and rooting products for medicinal and aromatic plants with a low environmental impact'	ORTOFRUTTICOLA – REGIONE LIGURIA (Regional Government)	Principal Investigator	2001
University funds for hosting young scientists: 'The Soiless Culture System for specialty crops'	UNIVERSITA' DI TORINO (University funds)	Advisor	2001
University funds for hosting young scientists: 'The Soiless Culture System to produce vegetable crops with high added value: the radish'	UNIVERSITA' DI TORINO (University funds)	Advisor	2001
Private Company project: 'Using rooting biostimolants and SAR in vegetable and ornamental crops'	VALAGRO S.p.A.	Principal Investigator	2000-2001
Regional research project: 'Stem elongation control of vegetable transplants and bedding plants with low environmental impact using mechanical conditioning (brushing)'	ORTOFRUTTICOLA – REGIONE LIGURIA (Regional government)	Principal Investigator	2000-2003
Provincial research project: 'Introduction of Medicinal and Aromatic plant cultivation in the Sacra Valley and in the Pellice Valley: 1. lavender 2. rosemary. Weed control with mulching'	PROVINCIA DI TORINO (Provincial Government)	Principal Investigator	2000-2002
Regional research project: 'The cultivation of Medicinal and Aromatic Plants in the Piedmont Region: actual situation and perspectives'	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2000-2002
Regional research project: 'The Soiless Culture System for greenhouse production of vegetable crops with high added value: corn salad, rocket, basil and asparagus'	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2000-2002
Regional Development project: 'Environmental Measures of the Rural Development Plan for Italy'	REGIONE PIEMONTE (Regional Government)	Principal Investigator	2000
University research project: 'Investigation on irrigation systems (Ebb and Flow e Flotation) e fertigation on plant morphophysiology and yield of vegetable species'	FONDI DI ATENEO (University Funds)	Participant	1999-2000
Regional research project: 'The Soiless Culture System for greenhouse production of vegetable crops with high added value'	REGIONE PIEMONTE (Regional Government)	Principal Investigator	1999-2001
Private Company research project: 'Using the biostimulant 'Benefit PZ'™ to control fruit size of zucchini and melon'	VALAGRO SPA	Principal Investigator	1999
National research project: 'Eco-physiology of Nitrogen and CO ₂ in vegetable species: effects on plant morpho-physiology'	MURST (Ministry of Education)	Participant	1998-1999
Joined project Italy-USA: 'Investigations of nursery environmental conditions on plant morphophysiology and root architecture of vegetable crops; effects on nursery material and field yield'.	CNR (National Research Council)	Participant	1996-1998
'Vegetable Transplant Production'	Speedling Inc. UNIVERSITY OF FLORIDA	Participant	1992-1996

Research

PhD Advising

DISAFA, Università di Torino. Italy. PhD Advisor of: Ms. Giuseppina Pennisi (in English). Program Title: LED lighting for indoor cultivation of leafy vegetables and herbs. (2016 to present). Co-tutelle with Universidad Politécnica de Cartagena and with Università degli Studi di Bologna. (2017-2019).
At present: Postdoctoral fellow, University of Bologna.

DISAFA, Università di Torino. Italy. PhD Advisor of: Mr. Giuseppe Pignata (in English). Dissertation title: Innovation and technology in pre and postharvest of fresh produce with high added value. (2012-2015). At present: Technical Adviser at Proteo International, Plant Nutrition.
AGROSELVITER, Università di Torino. Italy. PhD Advisor of: Mr. Giorgio Tibaldi (in English). Dissertation title: Horticultural species for biofunctional food: the influence of preharvest factors and postharvest management on the phytochemical complex. (2008-2010). At present: Project Manager at Ferrero S.p.A.
AGROSELVITER, Università di Torino. Italy. PhD Advisor of: Ms. Lijuan Zhan (in English). Dissertation title: The Qualitative and Physiological Responses of Minimally Processed Leafy Vegetables to Pre/Postharvest Factors. (2007-2009). At present: Associate Professor, Henan Agricultural University, China.
AGROSELVITER, Università di Torino. Italy. PhD Advisor of: Ms. Emanuela Fontana. Dissertation title: Soilless Culture to produce high quality leafy vegetables for fresh-cut market (in English). (2004-2006). At present: private entrepreneur and consultant in horticulture.

International Students/Internships/Doctoral Fellows/Post-Doctoral Fellows/Visiting Scientists & Professors

Ondokuz Mayıs University, Samsun, Turkey. Host of Trainee: Mr. Oğuzhan Sancı. Internship Title: Advanced Technologies in horticulture. Fellowship granted by Erasmus Student Mobility for Traineeship (2019-2020).
Tarbiat Modares University, Tehran, Iran. Host of Doctoral fellow: Mr. Sevyed Jaber Hosseini. Thesis Title: Morphological, physiological and phytochemical evaluation of 18 mint ecotypes (<i>Mentha Sp.</i>) under salinity stress condition. Fellowship granted by Iranian Ministry of Education (2018-2019).
An-Najah National University, Nablus, Palestine. Host of Head of Plant Production and Protection Department, Faculty of Agriculture: Prof. Dr. Heba Mu'een Abd El Raouf AlFares. Fellowship granted by NUFFIC (2018).
Field Center for Northern Biosphere, Hokkaido University. Japan. Host of Doctoral fellow: Mr. Masayoshi Takahama (in English). Program Title: Physiology and quality of baby leaf vegetables (2017, 2018).
Universidad Politécnica de Cartagena, Murcia, Spain. Host of Full Professor: Prof. Dr. Maria Dolores de Miguel. Sabbatical fellowship granted by the Spanish Ministry of Education (2017).
Warsaw University of Life Sciences, Warsaw, Poland. Host of Post-Doctoral fellow: Ms. Ewelina Pióro-Jabrucka, PhD. Fellowship granted by the European Union (2015).
Warsaw University of Life Sciences, Warsaw, Poland. Host of Post-Doctoral fellow: Ms. Marta Pudzianowska. PhD. Fellowship granted by the European Union (2015).
Tarbiat Modarres University, Tehran, Iran. Host of Doctoral fellow: Mr. Saeid Hazrati. Thesis Title: Evaluation of Light Intensity and Water Deficiency Stress with Application of Zeolite On Physiological and phytochemical Functions of <i>Aloe Vera</i> Medicinal Plant. Fellowship granted by Iranian Ministry of Education (2014-2015).
Universidad de Almería, Spain. Host of Doctoral fellow: Mr. Alfonso Llanderal Quiroz. Fellowship granted by the Universidad de Almería (2014).
Universidad del País Vasco, Spain. Host of Doctoral fellow: Ms. Zaloa Azkorra Larrinaga. Fellowship granted by the Universidad del País Vasco (2013).
Universidad Politécnica de Cartagena, Murcia, Spain. Host of Doctoral fellow: Ms. Diana Niñirola. Fellowship granted by the Universidad Politécnica de Cartagena (2012).
Ferdowsi University of Mashhad (FUM), Mashhad, Iran. Host of Doctoral fellow: Mr. Ali Eskandari. Fellowship granted by the Iranian Ministry of Education (2011).
Ferdowsi University of Mashhad (FUM), Mashhad, Iran. Host of Doctoral fellow: Ms. Samira Sabouri Rad. Fellowship granted by the Iranian Ministry of Education (2011).
World Wide Style Project. Host of Doctoral Fellow: Ms. Lazara Ayala, from Cuba. Advisor Fellowship granted from International Relation of University of Turin. (2008).
World Wide Style Project. Advisor of Post-Doctoral Fellow: Dr. Ibtissam El-Hilali, From Morocco. Advisory Fellowship granted from International Relation of University of Turin. (2008).
University of West Bengala, India. Advisor of Post-Doctoral Fellow: Dr. Umesh Thapa, from India. Advisory Fellowship granted from MIUR – India. (2008).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Edith Forestier, from France (International Training). Research Topic: Ethnopharmacology and Phytopharmacology. (yr 2008).

AGROSELVITER, Università di Torino. Italy. Host of Doctoral Fellow: Mr. Erdinç Gôksu (Erasmus project). Research Topic: Phytochemical profile of dill and basil grown in a Soilless Culture System (in English), from Uludag University, Bursa, Turkey. 09/2006 – 01/2007.
AGROSELVITER, Università di Torino. Italy. Host of Doctoral Fellow: Mr. Victor Cros. Research Topic: Cultivo de hortalizas en bandejas flotantes por la IV gama (in Spanish), from Universidad Politécnica de Cartagena. Spain. 22/03/2004 - 6/08/2004.
AGROSELVITER, Università di Torino. Italy. Advisor of Post-Doctoral Fellow: Dr. Jesus Ochoa Rego. Research Topic: Puesta a punto de un sistema de cultivo sin suelo de hortalizas IV gama de alto valor añadido en cultivo protegido (in Spanish), from Universidad Politécnica de Cartagena. Spain. 31/05/2004 - 18/08/2004.
AGROSELVITER, Università di Torino. Italy. Advisor of: Mr. Goran Pastrovic, from Serbia (International Training). Research Topic: Organic Farming in Developing Countries (in English) (2000).

External Examiner of Theses/PhD Proposals

University of Bolzano, Italy. Member of PhD final examination panel of the PhD student Mr. Arango Lopez Felipe. Dissertation Title: “Alternative nutrient solutions in simplified hydroponics” (2020).
Graduate School of Environmental Science, Hokkaido University, Sapporo, Japan. Member of PhD final examination panel of the PhD student Mr. Masayoshi Takahama. Dissertation Title: “Studies on the year-round production and quality improvement of baby-leaf vegetables” (2019).
University of Padoa, Italy. External PhD Thesis Evaluator of the PhD student Ms. Valentina Gobbi. Dissertation Title: “Ottimizzazione della filiera produttiva del fungo coltivato” (2018).
Universidad de Burgos, Spain. Member of PhD final examination panel of the PhD student Mr Francisco J. San José Barrero. Dissertation Title: “Revaluation of by-products of the vegetal canning industry. Obtaining fibre of artichoke and development of digestive type biscuit” (2018).
Universidad de Santiago de Compostela, Spain. Member of PhD final examination panel of the PhD student Ms. Marta Illera Vives. Dissertation Title: “Valorization of fish waste and seaweed: development and evaluation of a compost to be used in organic agriculture” (2015).
IVIA and University of Valencia. Member of PhD final examination panel of the PhD student Mr. Christian Ghidelli. Dissertation Title: “Effect of soy protein-based edible coatings with antioxidant activity and modified atmosphere packaging on the quality of fresh-cut produces” (2014).
SLU, Swedish University of Agricultural Sciences, Sweden. Opponent in the panel of examiners of the PhD student Mr. Mehboob Alam. Dissertation Title: “Microbial Status of Irrigation Water for Vegetables as Affected by Cultural Practices. Agronomic Aspects” (2014).
Universidad de Almería. Spain. External PhD Examiner of Ms. Blanca María Plaza Herrada. Dissertation Title: “Estudio de la viabilidad de la reutilización de lixiviados para la producción de plantas ornamentales, en el marco de una producción sostenible. Study of the feasibility of leachates reuse for ornamental plants production, within the framework of a sustainable production” (in English) (2013).
Faculty of Natural and Agricultural Sciences, University of Pretoria. South Africa. External PhD Examiner of Mr. Hintsá Tesfamicael Araya. Dissertation Title: “Rose-Scented Geranium (<i>Pelargonium</i> spp.) Herbage Yield, Essential Oil Yield and Composition as influenced by Nitrogen Nutrition and Liming” (in English) (2011).
Universidad Computense de Madrid. Spain. External PhD Examiner of Ms. Patricia Morales Gómez. Dissertation Title: “Vegetales silvestres de uso alimentario. Determinación de compuestos bioactivos y valoración de la capacidad antioxidante” (in Spanish). 2011.
Roskilde University, Denmark. PhD Examiner of Ms. Lise C. Deleurans. Dissertation Title: “Seed Quality in a Value Chain Perspective: The case of babyleaf products” (in English). Chair of the International Member of Philosophy Doctor Students Defense Committee of the Aarhus University, Denmark (2010).
Universidad Politecnica de Cartagena. Spain. External PhD Examiner of Ms. Ana Cecilia Silveira Gómez. Dissertation Title: “Técnicas ecoinnovadoras para elaborar melon Galia mínimamente procesado en fresco” (in Spanish) (2009).
Wageningen University, Graduate School PE&RC. The Netherland. PhD Project Proposal Examiner of Ms. Izabela Magdalena Witkowska. Project Title: “Quality fresh-cut leafy vegetables: genetic and environmental factors affecting quality in fresh-cut lettuce” (in English). (2009).
Faculty of Natural and Agricultural Sciences, University of Pretoria. South Africa. External MSc Examiner of: Mrs. A Möller, MSc Agr.: Thesis Title: “In vitro propagation and leaf ultrastructure of bush tea (<i>Athrixia phyllicoides</i>) derived from nodal explants” (2006-2008).

PostDoc Scientist Fellowships

Mr. Giuseppe Pignata, PhD (yr 2016-2017). Title of Research Project: 'Environmental and technological factors during soilless culture systems on quality of vegetables and aromatic plants and post-harvest physiology' (Fattori ambientali e tecnologici in sistemi colturali fuori suolo su qualità di specie ortive ed officinali e fisiologia post-raccolta).
Mr. Giorgio Tibaldi, PhD (yr 2011). Title of Research Project: 'Horticultural species for biofunctional food: the influence of preharvest factors and postharvest management on the phytochemical complex' (Composti fitochimici negli alimenti: miglioramento della qualità pre-raccolta e post-raccolta di piante officinali usate nell'industria agro-alimentare come nutraceutici e additivi naturali).
Ms. Emanuela Fontana, PhD (yrs 2008-2010). Title of Research Project: 'Plant nutrition in leafy vegetables grown in soilless culture systems for enhancing production process and product quality in the fresh-cut-sector' (La nutrizione delle specie orticole da foglia allevate in coltura fuori suolo per il miglioramento della qualità di processo e di prodotto nel settore della IV gamma).
Mr. Umesh Thapa, PhD from India (yrs 2008-2009). Title of Research Project: 'Vegetables production in chain and postharvest quality'
Ms. Ibtissam El-Hilali, PhD from Morocco (yr 2008). Title of Research Project: 'Food Science: Vegetables production and postharvest safety'
Ms. Emanuela Fontana, PhD (yrs 2006-2008). Title of Research Project: 'Innovation technologies in production and post-harvest processing of aromatic plants' (Sviluppo di tecniche innovative a supporto della coltivazione e della trasformazione del genepi in Piemonte).
Mr. Giorgio Ducco, PhD (yrs 2000-2001). Title of Research Project: 'Territorial Evaluation with GIS technologies of Medicinal and Aromatic Plant Cultivations in the Region' (Valutazione e interpretazione su scala territoriale della situazione e di scenari futuri dei diversi comparti delle colture officinali).

Scientists' Training Programs

Mr. Giuseppe Pignata (yr 2015). Research Projects: 'Postharvest technology of fresh-cut produce'.
Ms. Manuela Casale (yrs 2012-2013; 2013-2014; 2014-2015; 2015-2016). Research Projects: 'Quality and post-harvest physiology of produce'.
Mr. Giorgio Tibaldi (yrs 2007-2009, 2009-2010). Research Projects: 'Pre- and Post-harvest factors affecting fresh produce' (Ortaggi da foglia destinati alla filiera di IV gamma. standardizzazione del sistema colturale per aumentare la resa produttiva e migliorare la qualità commerciale, nutrizionale ed igienico-sanitaria alla raccolta ed ottimizzazione della gestione postraccolta per preservare la qualità e la shelf-life del prodotto).
Ms. Emanuela Fontana (yrs 2002-2003, 2003-2004, 2004-2005, 2005-2006). Research Projects: 'Valorization of Piedmont Valleys with the Introduction of the Organic Production and Processing Chain of Medicinal and Aromatic Plants' (Valorizzazione delle vallate piemontesi con l'introduzione della coltivazione biologica di piante officinali e con la creazione di una filiera di trasformazione).
Ms. Jeanet Hoeberechts (yrs 2002-2003, 2003-2004, 2004-2005, 2005-2006). Research Projects: 'Soilless Cultivation Techniques and Quality of Vegetable Species' (L'impiego del sistema di crescita fuori suolo in coltura protetta per la coltivazione di piante ad alto valore aggiunto).

Advising, Tutoring, Training Programs, Financing

Fellowships

Ms. Alice Petrini (yr 2020). Title of Fellowship: 'Advanced indoor cultivation systems and biofertilizer production' (financing).
Ms. Valentina Barrera (yr 2020). Title of Fellowship: 'Advanced indoor cultivation systems and biofertilizer production'.
Mr. Pierre Anicet Tonye Gwodog (yr 2018-2019). Title of Fellowship: 'Quality of fresh produce and aromatic plants obtained with advanced production technologies'.
Mr. Pietro Benedetti (yr 2017). Extracurricular Internship on Hydroponics.
Mr. Alessio Nicoletta (yrs 2012-2013). Title of Fellowship: 'The production chain for vegetables and herbs'.
Mr. Giuseppe Pignata (yrs 2010-2011). Title of Fellowship: 'Postharvest technology of fresh-cut produce'.
Mr. Giorgio Tibaldi (yr 2010). Title of Fellowship: 'Vegetables and Aromatic Plants in Chain'.
Ms. Silvia Martellozzo (yrs 2010-2011). Title of Fellowship: 'Postharvest technology of fresh-cut produce'.
Mr. Giovanni Battista (yrs 2008-2009). Title of Fellowship: 'Vegetables in Chain'.

Ms. Edith Forestier (yr 2008). Title of Fellowship: ‘Medicinal and Aromatic Plants: bioactive compounds’.
Ms. Francesca Colombo (yrs 2007-2008). Title of Fellowship: ‘Ethnobotany, Domestication, Production and Processing of <i>Artemisia mutellina</i> ’ (Ecotipi, messa in coltura, produzione e lavorazione post-raccolta di <i>Artemisia mutellina</i>).
Mr. Massimo Prandi (yr 2007). Title of Fellowship: ‘Quality in Chain of Fresh Produce’ (Ricerca e qualità delle filiere orticole ed officinali).
Ms. Denise Cacciatore (yr 2007). Title of fellowship: ‘Processing of fresh produce’ (Lavorazione post-raccolta di prodotti orticoli ed officinali).
Mr. Giorgio Tibaldi (yrs 2006-2007). Title of Fellowship: ‘Quality in Chain of Organic Production of Onion’ (Ricerca e sperimentazione sulla filiera biologica della cipolla).
Ms. Marcella Cannoni (yr 2006). Title of Fellowship: ‘Quality in Chain of Organic Production of Onion’ (Ricerca e sperimentazione sulla filiera biologica della cipolla).
Ms. Sara Grosso (yr 2006). Title of Fellowship: ‘Quality in Chain of Organic Production of Onion’ (Ricerca e sperimentazione sulla filiera biologica della cipolla).
Ms. Cristina Torassa (yrs 2005-2006). Title of Fellowship: ‘Quality in Chain of Fresh-cut Vegetables’ (Ricerca e sperimentazione sulla filiera orticola: gli ortaggi di IV gamma).
Ms. Silvia Niccolini (yr 2005). Title of Fellowship: ‘Quality in Chain of Medicinal and Aromatic Plants’ (La filiera delle piante officinali: casi studio specifici).
Ms. Daniela Saglietti (yrs 2002-2003 and 2003-2004). Title of Fellowship: ‘Quality of Vegetables and Medicinal and Aromatic Products (La qualità dei prodotti orticoli ed officinali).
Mr. Giuseppe Piovano (yrs 2002-2003). Title of Fellowship: ‘Cultivation technique for medicinal and aromatic plants’ (La coltivazione di specie orticole ed officinali).
Ms. Emanuela Fontana (yrs 2001-2002). Title of Fellowship: ‘Sustainable Agriculture for vegetable species’ (Impiego di metodi ecocompatibili per la valorizzazione delle specie orticole).
Ms. Jeanet Hoeberechts (yrs 2000-2001). Title of Fellowship: ‘Ebb-and-Flow and Flotation Irrigation System and Fertigation on morpho-physiology of vegetable species’ (Effetti di tecniche di irrigazione (Ebb and Flow e Flotation) e di fertirrigazione sulla morfo-fisiologia e sulla produttività di colture ortive ad alto valore aggiunto).

University Special Young Fellows’ Training Programs

Ms. Emanuela Fontana (yr 2001). Title of Training Program: ‘Soilless Culture in Vegetable Species’ (Tecniche di coltivazione in fuori suolo di specie orticole). University Special Young Scientists’ Training Programs
Ms. Jeanet Hoeberechts (yr 2001). Title of of Research Project: ‘Soilless Culture in Vegetable Species with an Added Value: the Radish’ (L’impiego del sistema di crescita fuori suolo in colture protette ad alto valore aggiunto: il ravanello).

Regional Special Young Scientists’ Training Programs (‘Sinapsi’)

Mr. Michele Contini (yr 2006). Title of Research Project: ‘Planning Farm Conversion in disadvantaged region “Phasing Out” (Progetto di conversione di un'impresa situata in zona svantaggiata "phasing out").
Ms. Chiara Piovano (yrs 2005-2006). Title of Research Project: ‘Artichoke Cultivation Introduction in Piedmont Region: Cultivation Techniques’ (La coltivazione del carciofo in Piemonte: tecniche colturali per la produzione di piantine da seme in vivaio).
Mr. Michele Contini (yrs 2004-2005). Title of Research Project: ‘Optimization of Supply Chain of <i>Artemia mutellina</i> : Production, Logistics, Management’ (Ottimizzazione della filiera di produzione del genepi: aspetti territoriali, logistici e produttivi).

Internships

Emanuela Di Vasto (2020). Supervising Post-graduation Internship. Program: Qualità e sicurezza nella IV gamma presso Bonduelle. [Fresh-cut quality and safety in a commercial processing company (Bonduelle)].
Sabrina Milesi (2019). Internship M.Sc. Program: Studio della coltivazione e del profilo aromatico di alcune piante officinali. [Cultivation and Aromatic profile of Medicinal Plants].
Elisa Speziani (2019). Supervising Internship M.Sc. Program: Affiancamento nella progettazione e realizzazione di Orti Urbani. [Urban horticulture and community gardens (Orti Generali Torino)].
Emanuela Di Vasto (2019). Internship M.Sc. Program: Acquisizione di conoscenze tecnico-pratiche relative alla filiera post-raccolta di colture ortive. [Introduction to Vegetable Postharvest handling].
Valentina Barrera (2019). Internship M.Sc. Program: Acquisizione di conoscenze tecnico-pratiche di diversi sistemi colturali fuori suolo. [Introduction to Soilless Growing Systems].

Luca Casile (2018). Internship M.Sc. Program: Approfondimento e quantificazione delle dinamiche della logistica del prodotto che generano spreco alimentare nella filiera orticola, nel contesto della grande distribuzione (Carrefour e CAAT). [Vegetable Food waste in big retail chain and wholesale retailers (Carrefour and CAAT)].
Luca Ferrari (2018). Internship B.Sc. Program: Introduzione della coltivazione in Piemonte e valutazione della qualità della <i>Perilla frutescens</i> L. [Introduction of cultivation in the Piedmont Region and quality evaluations of <i>Perilla frutescens</i> L.].
Francesca Fagiano (2017). MSc Internship. Program: Coltivazione di piante aromatiche con differenti tecniche e successiva analisi della componente aromatica. [nn]
Mr. Pietro Benedetti (yr 2017). Program in soilless culture

Contracts

Ms. Alice Petrini (yr 2021).
Mr. Giuseppe Pignata (yr 2011).
Mr. Massimo Prandi (yr 2007).
Mr. Giorgio Tibaldi (yr 2006).
Ms. Silvia Niccolini (yr 2004).
Ms. Cristina Torassa (yr 2004).
Ms. Elena Alessi (yr 2003).
Mr. Riccardo Rizzo (yr 2002).
Ms. Daniela Saglietti (yr 2002).
Mr. Lucio Lanzarotti (yr 2001).
Mr. Giuseppe Piovano (yr 2001).
Ms. Anna Bosio (yr 2000).
Ms. Jeanet Hoeberechts (yrs 1999-2000).

MSc and BSc Advising

International Theses

DISAFA, Università di Torino. Italy. Advisor of: Marina Acella (2019-2020). Thesis Title: Food and social quality in short food supply chains: from the producer to the consumer points of view (in English) (21/04/2021).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Ornella Carpinteri. Thesis Title: Effects of biostimulants on growth and production of <i>Fragaria x ananassa</i> Duch. (in English). (2003).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Simona Recchia. Thesis Title: Chlorophyll fluorescence of <i>Brassica oleracea</i> seeds as a marker for seed quality and maturity (in English). (2003).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Ilda Nogueira da Silva (Erasmus project). Thesis Title: Soilless Growing Systems for Leafy Vegetable Production and Vegetable Transplant Production (in Portuguese), from Instituto Politécnico de Coimbra-Escola Superior Agraria de Coimbra (ESAC). Portugal. (1999).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Patrícia Costa Santos (Erasmus project). Thesis Title: Irrigation systems and medium mix components to grow lettuce (<i>Lactuca sativa</i> L.) transplants (in English) (1998).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Ana Paula Teixeira (Erasmus project). Thesis Title: Nitrogen fertilisation regime and lettuce romaine types affect seedling growth, root architecture and transplant quality (in English), from Instituto Politécnico de Coimbra-Escola Superior Agraria de Coimbra (ESAC). Portugal. (1998).

National Students/Theses

Dipartimento Architettura e Design, Scuola Politecnica, Università di Genova. Italy. Co-Advisor of: Andrea Pilo (2019-2020). Thesis Title: Paesaggio e Agricoltura 4.0: qualità e tecnologia, la prima <i>deep farm</i> in Italia nel sottosuolo varesino (15/03/2021).
DISAFA, Università di Torino. Italy. Co-Advisor of: Amedeo Berta (2019-2020). Thesis Title: Il sistema acquaponico (22/04/2021).
DISAFA, Università di Torino. Italy. Co-Advisor of: Sabrina Milesi (2018-2019).

<p>Thesis Title: <i>Perilla frutescens</i>: valutazione della qualità post-raccolta ed analisi del profilo aromatico (03/06/2020).</p>
<p>DISAFA, Università di Torino. Italy. Co-Advisor of: Elisa Speziani (2018-2019). Thesis Title: Analisi sperimentali di mente (<i>Mentha</i> spp.) coltivate in floating growing system soggette a stress salino e anossia e studio di tecniche di propagazione (16/04/2020).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Alice Petrini (2018-2019). Thesis Title: Impiego di prodotti biostimolanti su basilico genovese DOP: valutazione della componente aromatica e della durata post-raccolta. (28/11/2019).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Matteo De Micheli (2018-2019). Thesis Title: Analisi della segmentazione della qualità nell'ortofrutta: il caso studio Carrefour (Analysis of the segmentation of quality in fruit and vegetables: the Carrefour case study) (29/11/2019).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Valentina Barrera (2018-2019). Thesis Title: Valutazione dell'uso efficiente dell'acqua in coltura fuori suolo di <i>Perilla frutescens</i> e di tecniche di propagazione e riproduzione (19/09/2019).</p>
<p>DISAFA/DSTF, UNITO. Advisor of Luca Ferrari (2018-2019). Thesis Title: Introduzione della coltivazione in Piemonte e valutazione della qualità della <i>Perilla frutescens</i> L. (Introduction of cultivation in the Piedmont Region and quality evaluations of <i>Perilla frutescens</i> L.) (23/07/2019).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Francesco Mattalia (2017-2018). Thesis Title: La soluzione nutritiva nei sistemi colturali fuori suolo a ciclo chiuso: effetti su produttività e shelf-life di <i>Lactuca sativa</i> ottenuta in Floating Growing System e in New Growing System (Nutrient solution in closed-cycle soilless systems: effects on productivity and shel-life of <i>Lactuca sativa</i> obtained in Floating Growing System and in New Growing System) (29/11/2018).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Francesca Fagiano (2017-2018). Thesis Title: Valutazioni qualitative ed aromatiche di <i>Perilla frutescens</i> var. <i>crispa</i>, verde e rossa ottenuta da coltivazioni in suolo e fuori suolo. (Qualitative and aromatic evaluations of green and red leaves of <i>Perilla frutescens</i> var. <i>crispa</i> obtained in soil and soilless culture) (30/11/2018).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Simone Dimino (2017-2018). Thesis Title: Valutazioni sperimentali per l'introduzione di specie esotiche nei nostri areali. Adattabilità di 15 varietà di <i>Perilla frutescens</i> in suolo e fuori suolo (Experimental evaluations for the introduction of exotic species in our areas. Adaptability of 15 varieties of <i>Perilla frutescens</i> soil and soilless systems) (29/11/2018).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Alice Casati (2017-2018). Thesis Title: Confronti di diverse tecniche di allevamento in vivaio e di gestione della fertirrigazione in produzione su lattuga coltivata in fuori suolo (Transplant production and fertigation scheduling to produce lettuces in soilless culture) (29/11/2018).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Luca Casile (2017-2018). Thesis Title: Analisi dei flussi degli sprechi alimentari nella distribuzione di prodotti orticoli (Analysis of food wastage flows in the supply chain of fresh produce) (21/09/2018).</p>
<p>DISAFA, Università di Torino. Italy. Co-Advisor of: Erica Zena (2018). Thesis Title: Protocollo agronomico per la caratterizzazione dei biostimolanti (24/04/2018).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Pierre Anicet Tonye Gwodog (2017-2018). Thesis Title: Ottimizzazione dei sistemi colturali fuori suolo: effetti della fertilizzazione sulla produttività e sul profilo aromatico di <i>Ocimum basilicum</i> L. in <i>Floating Growing System</i> ed effetto del silicio sulla qualità di <i>Lactuca sativa</i> L. in <i>New Growing System</i>[®] (Soilless culture system optimization: effects of fertigation on yield and aromatic profile of <i>Ocimum basilicum</i> L. grown in Floating System and effects of silicon application o quality of <i>Lactuca sativa</i> L. grown in <i>New Growing System</i>[®]). (24/04/2018).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Raffaele Zanchini (2017-2018). Thesis Title: Analisi quantitative e qualitative su cultivar di pomodoro da mensa ottenuto in coltura protetta e sistema di coltivazione fuori suolo (Quantitative and qualitative analysis of fresh market tomato cultivars obtained in protected cultivation and soilless culture system). (24/04/2018).</p>
<p>University of Gastronomic Sciences, Pollenzo. Italy. Co-Advisor of: Ms. Matilde Vassoney (2016-2017). MSc. Thesis Title: La coltivazione aeroponica sfruttata per la costituzione di un orto urbano a Torino (Aeroponics in urban horticulture: a project in Turin) (21/07/2017).</p>
<p>DISAFA, Università di Torino. Italy. Advisor of: Ms. Carolina Pisa (2015-2016). BSc. Thesis Title: Il sistema colturale fuori suolo: aspetti tecnici e confronto con il sistema colturale tradizionale (The soilless growing system: comparing technical aspects with the traditional growing system in soil) (23/09/2016).</p>

DISAFA, Università di Torino. Italy. Advisor of: Ms. Chiara Turina (2015-2016). Thesis Title: Fattori tecnici, ambientali e colturali nella coltivazione fuori suolo con sistema New Growing System® per la produzione di menta (<i>Menta spp.</i>) (Technical, Environmental and Cultural Factors for soilless cultivations with the New Growing System® to produce mint species (<i>Menta spp.</i>)) (22/04/2016).
DISAFA, Università di Torino. Italy. Advisor of: Ms. Martina Pisciali (2015-2016). Thesis Title: Fattori tecnici, ambientali e colturali nella coltivazione fuori suolo con sistema New Growing System® per la produzione di specie condimentarie e culinarie (Technical, Environmental and Cultural Factors for soilless cultivations with the New Growing System® to produce culinary herbs) (22/04/2016).
DISAFA, Università di Torino. Italy. Advisor of: Mr. Alessio Nicoletta. Thesis Title: La filiera di produzione del genepì occitano (The Occitan genepy production and supply chain) (15/04/2014).
DISAFA, Università di Torino. Italy. Advisor of: Mr. Simone Griva. Thesis Title: La filiera dell'asparago dal campo alla tavola, criticità e possibili soluzioni (The production chain of asparagus from farm to fork, weaknesses and possible solutions) (6/12/2013).
AGROSELVITER, Università di Torino. Italy. Advisor of: Mr. Andrea Favazzo. Thesis Title: Orticoltura urbana: Caso applicativo nella città di Torino (Urban horticulture: a case study in the city of Torino) (2012).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Fernanda Calderon Vega. Thesis Title: Studio di 10 ibridi di cipolla di esportazione sotto fertirrigazione nella zona di Sant'Elena (Studies on 11 onion hybrids for export grown with different fertilization regimes in the area of Sant'Elena) (original in Spanish) (2011).
AGROSELVITER, Università di Torino. Italy. Advisor of: Mr. Alessio Nicoletta. Thesis Title: Fattibilità tecnica di un'azienda orticola in valle d'aosta (Technical feasibility study for a horticultural farm in Valle d'Aosta) (2010).
AGROSELVITER, Università di Torino. Italy. Advisor of: Mr. Stefano Villa. Thesis Title: Caratteristiche qualitative dei prodotti di IV gamma: il valore aggiunto dei mix di ortaggi da foglia (Quality in fresh-cut chain : the added value of mixing leafy vegetables) (2010).
AGROSELVITER, Università di Torino. Italy. Advisor of: Mr. Massimo Prandi. Thesis Title: Analisi e definizione di un sistema di controllo della qualità dei prodotti ortofrutticoli (Analysis and Definition of Quality Control in Fresh Produce Chain) (2007).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Sara Grosso. Thesis Title: La filiera degli ortaggi di IV gamma: risultati sperimentali relativi alla coltivazione fuori suolo e alla conservazione post-raccolta di <i>Lepidium sativum</i> L. ed <i>Eruca sativa</i> Mill. (Fresh-cut vegetables: soilless cultivation and post-harvest shelf-life of <i>Lepidium sativum</i> L. and <i>Eruca sativa</i> Mill.) (2007). Best 2007 thesis award.
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Sara Fontanari. Thesis Title: La Coltivazione biologica e la qualità Post raccolta di alcuni ortaggi (Organic Production and Postharvest Technology of Vegetable Crops). (2006).
AGROSELVITER, Università di Torino. Italy. Co-Advisor of: Co-Advisor of: Ms. Cristina Torassa (Advisor Roberto Ambrosoli). Thesis Title: La sicurezza degli ortaggi di IV gamma (Fresh-cut produce safety). (2006).
AGROSELVITER, Università di Torino. Italy. Advisor of: Advisor of: Ms. Chiara Piovano. Thesis Title: Tecniche colturali e strategie post-raccolta per l'introduzione del carciofo in Piemonte (Cultivation and Postharvest Technology of Artichoke). (2006).
AGROSELVITER, Università di Torino. Italy. Advisor of: Advisor of: Ms. Rosetta Sereno. Thesis Title: La propagazione per seme di alcune specie officinali: esperienze di germinabilità (Seed propagation of Medicinal and Aromatic Plants: germination tests). (2004).
AGROSELVITER, Università di Torino. Italy. Advisor of: Advisor of: Ms. Silvia Magnetti. Thesis Title: Indagine sulla coltivazione delle piante officinali in Piemonte (Survey on the Medicinal and Aromatic Plant Sector in the Piedmont Region). (2003).
AGROSELVITER, Università di Torino - Polytechnic School – Torino. Italy. Co-Advisor of: Mr. Daniele Rangone (Advisor Piergiorgio Tosoni). Thesis Title: Bussana Vecchia, un'esperienza di appropriazione dello spazio e del territorio (The abandoned and old city of Bussana: reclamation and valorization of space and land). (2003).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Silvia Niccolini. Thesis Title: La produzione di buste filtro con specie officinali di alta quota (Medicinal and Aromatic Plants for the Herbal Infusion industry). (2002).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Sonia Glarey. Thesis Title: La produzione di tinture madri con specie officinali di alta quota (Medicinal and Aromatic Plants for the hydroalcoholic extraction industry). (2002).

AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Elena Alessi. Thesis Title: Specie officinali di alta quota utilizzate in liquoristica (Medicinal and Aromatic Plants for the liquor industry). (2002).
AGROSELVITER, Università di Torino. Italy. Advisor of: Mr. Riccardo Rizzo. Thesis Title: La propagazione per talea di piante officinali: esperienze su lavanda, timo, rosmarino e salvia (Cutting propagation techniques for medicinal plants: Lavender, Mint, Thyme, Rosemary and Sage). (2002).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Cristina Torassa. Thesis Title: I prodotti orticoli di IV gamma: caratteristiche, destinazione e potenzialità (The Fresh-Cut Produce business: Technology, Perspectives and Market). (2002).
AGROSELVITER, Università di Torino. Italy. Advisor of: Ms. Ingrid Amprimo. Thesis Title: Tecniche colturali per la riduzione dell'altezza delle piante orticole e floricole in produzione nella piana di Albenga (Mechanical Techniques to Reduce Stem Elongation in Vegetable Nursery Crops and in Ornamental Horticultural Plants). (2001).
AGROSELVITER, Università di Torino - Polytechnic School – Torino. Italy. Co-Advisor of: Mr. Stefano Macario (Advisor Piergiorgio Tosoni). Thesis Title: Preesistenze e linee di trasformazione nella periferia ovest torinese. La cascina 'Teghillo': una fattoria didattica in città. (Valorization and Transformation of Rural Farms for Educational Purposes in Urbanized Areas. Part II). (2001).
AGROSELVITER, Università di Torino - Polytechnic School – Torino. Italy. Co-Advisor of: Mr. Fabio Giachello (Advisor Piergiorgio Tosoni). Thesis Title: Preesistenze e linee di trasformazione nella periferia ovest torinese. La cascina 'Teghillo': una fattoria didattica in città. (Valorization and Transformation of Rural Farms for Educational Purposes in Urbanized Areas. Part I). (2001).
AGROSELVITER, Università di Torino. Italy. Advisor of: Mr. Giorgio De Donno. Thesis Title: Potenzialità di coltivazione e sviluppo delle piante officinali ed aromatiche in Piemonte (Medicinal and Aromatic Plant Cultivation and Potentialities in the Piedmont Region). (2001).

Research Publications

Book and Collection Editorships

1. TZORTZAKIS N., NICOLA S. (Editors) 2021. III International Symposium on Soilless Culture and Hydroponics: Innovation and Advanced Technology for Circular Horticulture. Acta horticulturae. *In press*.
2. TZORTZAKIS N., NICOLA S., SAVVAS D., VOOGT W. (Editors.) 2020. Soilless Cultivation through an Intensive Crop Production Scheme. Management Strategies, Challenges and Future Directions. Lausanne: Frontiers Media SA. <https://www.frontiersin.org/research-topics/7184/soilless-cultivation-through-an-intensive-crop-production-scheme-management-strategies-challenges-an>. DOI: 10.3389/978-2-88963-742-3.
3. NICOLA S., TOIVONEN, P.M.A., WATKINS, C.B. (Editors) 2018. II ISHS International Conference on Quality Management of Fresh Cut Produce: Convenience Food for a Tasteful Life. Acta Horticulturae 1209. ISBN 978-94-62612-06-8, ISSN 0567-7572 (print), 2406-6168 (e). <https://www.actahort.org/books/1209/>. DOI: 10.17660ActaHortic.2018.1209.
4. TEI F., NICOLA S., BENINCASA P. (Editors) 2017. Advances in research on fertilization management of vegetable crops. Springer Series 'Advances in olericulture'. Springer International Publishing. Hardcover ISBN 978-3-319-53624-8; eBook ISBN 978-3-319-53626-2; Series ISSN 2367-4083. DOI: 10.1007/978-3-319-53626-2.
5. BAUDOIN W, NERSISYAN A., SHAMILOV A., HODDER A., GUTIERREZ D., DE PASCALE S., NICOLA S., GRUDA N., URBAN L., TANNY J. (Editors). 2017. Good Agricultural Practices for greenhouse vegetable production in the South East European countries - Principles for sustainable intensification of smallholder farms. FAO Plant Production and Protection Paper 230. Rome. ISBN: 978-92-5-109622-2. ISSN 0259-2517.
6. FONTANA E., GRIGNANI C., NICOLA S. (Editors.) 2013. NEV2013. International Workshop on Nitrogen, Environment and Vegetables. 15-17 April 2013. Torino, Italy. Book of Abs. Facoltà di Agraria, Università degli Studi di Torino, Grugliasco, TO, Italy. ISBN: 978-88-908636-0-8. pp.150+X.
7. NICOLA S. (Ed.) 2011. II ISHS International Conference on Quality Management of Fresh Cut Produce: Convenience Food for a Tasteful Life. Book of Abstracts. ISBN: 978-88-902754-6-3. pp.144+VI.
8. NICOLA S. (Ed.) 2010. Il vivaismo orticolo: innovazione e nuove esigenze. Italus Hortus 17(6). ISSN, 1127-3496.

9. SOSTER M., GIANETTI G., NICOLA S., FONTANA E., TIBALDI G., TAMIETTI G., VALENTINO D., BICCHI C., RUBIOLO P., BORDIGA P., NICOLA G., FILIPPI S., ROVERA P., REBUFFO M., PIATTI P., DARDANELLO A., BARBERO L., TURCHI A., CAVALLO L. 2010 (Eds.). Il genepi. Zone vocate - varietà - coltivazione – trasformazione. Quaderni della Regione Piemonte - Agricoltura, 69(Suppl.) pp.34. ISSN 1972-9405.
10. NICOLA S. (Ed) 2009. Il vivaismo orticolo: innovazione e nuove esigenze. Book of Abstracts. Facoltà di Agraria, Grugliasco, TO. pp. 21+IX.
11. FISHER G., MAGNITSKIV S., NICOLA S. (Eds.) 2009. International Symposium on tomato in the Tropics. Acta Horticulturae 821. ISBN 978-90-66052-69-7, ISSN 0567-7572. <http://www.actahort.org/books/821/>.
12. AA.VV. CoopIntesa srl – Albenga, Camera di commercio industria artigianato agricoltura di Savona - Centro di sperimentazione ed assistenza agricola "Franco Ugo", Istituto sperimentale per l'Orticoltura – Montanaso Lombardo, Istituto sperimentale per la Floricoltura – Sanremo, Università degli studi di Torino - Dipartimento di Agronomia, Selvicoltura e Gestione del Territorio - Settore Orticoltura e Colture Officinali, Cooperativa L'Ortofrutticola – Albenga (Curatori). 2004. Quattro d'Albenga. Notizie, tradizioni, pregi, sapori e valori di quattro prodotti orticoli della provincia di Savona, legati al nome della antica città di Albenga. CoopIntesa, Litografia Bacchetta, Albenga (SV). 127 pp.
13. NICOLA S., NOWAK J., VAVRINA C.S. (Eds.) 2004. Issues and Advances in Transplant Production and Stand Establishment Research. Acta Horticulturae 631. ISBN 906 605 557X, ISSN 0567-7572. <http://www.actahort.org/books/631/>.

International Book Chapters

14. SOLANKEY S.S., KUMARI M., KUMAR M., NICOLA S. 2021. The Role of Research for Vegetable Production Under a Changing Climate Future Trends and Goals. In: Solankey S.S., Kumari M., Kumar M. (eds) Advances in Research on Vegetable Production Under a Changing Climate Vol. 1. Advances in Olericulture. Springer, Cham. https://doi.org/10.1007/978-3-030-63497-1_1. Print ISBN 978-3-030-63496-4 Online ISBN 978-3-030-63497-1. 1-12.
15. INGLESE P., NICOLA S. 2018. The People. In: Harvesting the Sun Italy. S. De Pascale, P. Inglese, M. Tagliavini (Eds). ISBN: 978-88-940276-5-5. SOI, Florence, Italy. pp. 58-65.
16. NICOLA S., PIGNATA G. 2017. Profitability, marketing, and vegetable loss and waste. In: FAO series. In: GAP for greenhouse vegetable production in the SEE countries: Principles for sustainable intensification of smallholder farms (Baudoin W, Nersisyan A., Shamilov A., Hodder A., Gutierrez D., De Pascale S., Nicola S., Gruda N., Urban L., Tanny J., Eds). FAO Plant Production and Protection Paper 230. Rome. ISBN: 978-92-5-109622-2. ISSN 0259-2517. Chapter 9: 245-267.
17. PIGNATA G., CASALE M., NICOLA S. 2017. Water and nutrients supply in horticultural crops grown in soilless culture: resources efficiency in dynamic and intensive systems. In: Advances in research on fertilization management of vegetable crops (F. Tei, S. Nicola, P. Benincasa Eds.). Springer Series 'Advances in olericulture'. Springer International Publishing. Hardcover ISBN 978-3-319-53624-8; eBook ISBN 978-3-319-53626-2; Series ISSN 2367-4083. DOI: 10.1007/978-3-319-53626-2_7. pp. 183-219.
18. TEI F., NICOLA S., BENINCASA P. 2017. The role of research for a sustainable fertilization management in vegetables: future trends and goals. In: Advances in research on fertilization management in vegetable crops (F. Tei, S. Nicola, P. Benincasa Eds). Springer Series Advances in Olericulture. Springer International Publishing. Hardcover ISBN 978-3-319-53624-8; eBook ISBN 978-3-319-53626-2; Series ISSN 2367-4083. DOI: 10.1007/978-3-319-53626-2_1. pp. 1-9.
19. NICOLA S., FONTANA E. 2014. Fresh-cut produce quality: implications for a systems approach (Chapter 9). pp. 217-273. In: Postharvest handling: a systems approach (Third ed.). W. J. Florkowski, R. Shewfelt, B. Breuckner and S. E. Prussia, (Eds). Academic Press / Elsevier, San Diego, CA, USA. DOI: 10.1016/B978-0-12-408137-6.00009-0 ISBN: 978-0-12-408137-6. pp. 564+xxii.
20. KUBOTA C., BALLIU A., NICOLA S. 2013. Quality of Planting Materials. In: Good Agricultural Practices for greenhouse vegetable crops. Principles for Mediterranean climate areas. FAO Plant Production and Protection Paper Series n. 217: Chapter 13: 355-378. ISBN 978-92-5-107649-1, E-ISBN 978-92-5-107650-7. DOI: 10.13140/RG.2.1.1934.4808.

21. FONTANA E., TIBALDI G., NICOLA S. 2012. Value Addition to Vegetables. In: Handbook on Vegetables (K.V. Peter and Pranab Hazra Eds.). Studium Press LLC, Houston, Texas, USA. Chapter 3: 79-100. <http://www.studiumpress.in/indetail.asp?id=272>.
22. NICOLA S., TIBALDI G., FONTANA E. 2009. Fresh-cut produce quality: implications for a systems approach. In: Postharvest handling: a systems approach (Second ed.). W. J. Florkowski, S. E. Prussia, R. Shewfelt and B. Breuckner (Eds). Academic Press / Elsevier, San Diego, CA, USA. Chapter 10: 247-282. ISBN-13: 978-0-12-374112-7, ISBN-10: 0-12-374112-2.
23. NICOLA S., HOEBERECHTS J., FONTANA E. 2003. Cultivation of medicinal plants: a resource for the development of the mountain. In: Spaces, environments and landscapes of terroirs - Espaces, environnements et paysages des terroirs - Spazi, ambienti e paesaggi dei terroir. BIANCOTTI, A., PAMBIANCHI, G., PIOLETTI, A.M. (Eds.). Milano, BEM, 2003. Primo lavoro del Working group on Terroirs Viticoles della 'International Association of Geomorphologists'. Book Chapter. pp.158-161.
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333. HOEBERECHTS J., NICOLA S., FONTANA E., SAGLIETTI D. 2004. Il sistema di irrigazione ed il substrato di crescita influenzano la produzione del ravanello in coltura fuori suolo. Proceedings VII Giornate Scientifiche SOI. 4-6 May 2004. Castel dell’Ovo (NA), Italy. Book of Abs. p.118.
334. FONTANA E., NICOLA S., HOEBERECHTS J., SAGLIETTI D. 2004. Effetti della pacciamatura su produzione e qualità di *Lavandula angustifolia* e *L. hybrida*. Proceedings VII Giornate Scientifiche SOI. 4-6 May 2004. Castel dell’Ovo (NA), Italy. Book of Abs. p.104.
335. TOSONI P., NICOLA S. 2003. Progetto di recupero architettuale di una cascina abbandonata per la trasformazione in fattoria didattica. National Meeting: ‘La tutela dell’architettura rurale nell’evoluzione del sistema produttivo’. Accademia dei Georgofili. 16-18 May 2003. Firenze, Italy. Book of Abs. p.113.
336. NICOLA S., TOSONI, P. 2003. Riutilizzo di una cascina di un’area periurbana come fattoria didattica nel settore delle colture officinali. National Meeting: ‘La tutela dell’architettura rurale nell’evoluzione del sistema produttivo’. Accademia dei Georgofili. 16-18 May 2003. Firenze, Italy. Book of Abs. p.102.

Thematic Web portals and Sites

337. CONTINI M., NICOLA S. 2011. Nutrapiem. www.nutrapiem.org. Dismissed on 2014.
338. CONTINI M., NICOLA S. 2011. Freshcut2011. www.freshcut2011.org. Dismissed on 2014.
339. NICOLA S. 2009. Il vivaismo orticolo: Innovazione e Nuove Esigenze. sites.google.com/site/orticoltura.

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340. NICOLA S., COCETTA G., FERRANTE A. ERTANI A. 2021. Fresh-Cut Produce Quality: Implications for a Systems Approach. In: Postharvest handling: a systems approach (Fourth ed.). W. J. Florkowski, R. Shewfelt, B. Breuckner and S. E. Prussia, (Eds). Academic Press / Elsevier, San Diego, CA, USA.
341. COCETTA G., ERTANI A. BULGARI R., FRANZONI G., NICOLA S., FERRANTE A. 2021. Biostimulants and plant response under resilient environmental conditions: a functional interplay and prospective. In: Springer Book.
342. PENNISI G., PISTILLO A., MONTEFIORI F., ORSINI F., NICOLA S., FERNANDEZ J., CREPALDI A., GIANQUINTO G. 2021. Optimal red:blue LED lighting ratio for a sustainable indoor cultivation of rocket and chicory. IX International Symposium on Light in Horticulture 2021. 31 May – 4 June 2021, Malmoe, Sweden.

343. PENNISI G., PISTILLO A., ORSINI F., NICOLA S., FERNANDEZ J., CREPALDI A., GIANQUINTO G. 2021. Optimal light intensity for sustainable water and energy use in indoor cultivation of leafy vegetables and herbs under red and blue LEDs. IX International Symposium on Light in Horticulture 2021. 31 May – 4 June 2021, Malmoe, Sweden.

Research, Seminars and Conference presentations (presenter*)

International Talks

1. NICOLA S.*, ERTANI A. 2021. New Growing System® and Floating Growing System to grow leafy vegetables and herbs. 3rd ISHS International Symposium on Soilless Culture and Hydroponics: Innovation and advanced technology for circular horticulture. 19-21 March 2021. Limassol, Cyprus. Keynote Speaker. Invited lecture.
2. NICOLA S.*, FERRANTE A., BULGARI R., COCETTA G., SAMBO P., NICOLETTO, ERTANI A. 2020. Food Supply and Urban Gardening in the time of Covid-19. 19th International Conference Life Sciences for Sustainable Development. 24-25 September 2020 (held on line). University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania. Keynote Speaker. Invited lecture.
3. NICOLA S.*, PIGNATA G., FERRANTE A., BULGARI R., COCETTA G., ERTANI A. 2020. Water Use Efficiency in Greenhouse Systems and its application in Horticulture. Agriculture For Life – Life for Agriculture International Conference. 4-6 June 2020 (held on line). Bucharest, Romania. Keynote Speaker. Invited lecture.
4. NICOLA S. 2020. L'agricoltura indoor nella bioeconomia circolare: il progetto BioEnPro4To. Indoor farming in the circular bio-economy: the BioEnPro4To project. II NovelFarm Conference. 19-20 February 2020. Pordenone, Italy. Keynote Speaker. Invited lecture.
5. NICOLA S.*, ERTANI A. 2019. Indoor farming in the circular bio-economy: the BioEnPro4To project. International Workshop “Innovative solutions for sustainable urban farming: vertical farming, hydroponics and landscape horticulture”. 13 December 2019, Grugliasco, Italy.
6. NICOLA S.*, FERRANTE A. 2019. Ready to use products: quality of the raw material and postharvest evaluation. 6th South East Europe Postharvest Conference “Quality Management in Postharvest Systems”. 26-28 June 2019. Novi Sad, Serbia. Keynote Speaker. Invited lecture.
7. NICOLA S. 2019. Baby leaf vegetables in the world and the research at University of Turin. Niigata Food and Agriculture University, Niigata, Japan. 29 July 2019. Invited lecture.
8. NICOLA S. 2019. Production and consumption of baby leaf vegetables. Hokkaido University 26 July 2019. Invited lecture.
9. NICOLA S. 2019. The soilless culture system and its improvement. Hokkaido University 26 July 2019. Invited lecture.
10. NICOLA S. 2019. Consumer demand and production systems of baby-leaf vegetables. Hokkaido University 25 July 2019. Invited lecture.
11. NICOLA S. 2019. Le colture da idroponica ed acquaponica: le necessità di miglioramento genetico delle specie dalla propagazione alla produzione. Hydroponics and aquaponics: needs for genetic improvement from plant propagation to production. NovelFarm Conference. 13-14 February 2019. Pordenone, Italy. Keynote Speaker. Invited lecture.
12. NICOLA S. 2018. Exploring Medicinal/Aromatic Plants in intensive crop systems. 26 September 2018, Limassol, Cyprus. International Workshop on Medicinal and Aromatic Plants in Cyprus - Perspective. Invited lecture.
13. NICOLA S., 2018. Horticulture and the ISHS. 8 May, Istanbul, Turkey. XXX International Horticultural Congress, IHC2018 ISHS. Invited lecture.
14. NICOLA S., 2018. Skill for International Activities. 12-16 August, Cartagena, Spain. Invited lecture.
15. NICOLA S., 2017. Post-harvest treatments for preserving quality of vegetables from GH production. Food wastage and Good Agricultural Practices (GAPs). 22 June 2017, Maribor, Slovenia. Training for Farmers.

16.	NICOLA S., 2017. Advanced technologies in horticulture: what can we learn from one sector to another? 31 March 2017. Universidad Politécnica de Cartagena, Spain. Invited Lecture.
17.	NICOLA S., 2016. Advanced technologies in horticulture: what can we learn from one sector to another? 19 December. 2016. University of Kyoto, Japan. Invited Lecture.
18.	NICOLA S., 2016. Front research in soilless growing systems in leafy vegetable production. 13 December. 2016. Hakodate, Japan. Seminar to professionals.
19.	NICOLA S., 2016. ISHS and Young Minds. 25-28 Sept. 2016. Chengdu, Sichuan, China. ISHS Address.
20.	NICOLA S., 2016. Asparagus Value Chain: traditional varieties with EU quality certifications. 18-19 Sept. 2016. Hezhe, Shandong, China. Keynote lecturer.
21.	NICOLA S., 2016. Horticulture, Horticultural Science, Scientists, People: loop or link? 12-13 May 2016, Palermo, Italy. 1 st European Conference of Post graduate Horticultural Scientists (ECPHS) – ISHS. Keynote speaker.
22.	NICOLA S.*, PIGNATA, G. 2016. Profitability, marketing, and vegetable waste and loss. 12-13 April 2016, Izmir, Turkey. FAO Workshop: “GAP in Protected Cultivation in SEE countries’
23.	NICOLA S., 2015. Sociedad Internacional en Ciencias Hortícola - International Society for Horticultural Science (ISHS): Cambios en la gestión de publicaciones y congresos/Changes on publications and symposia – 11 November 2015 - University of Almeria, Spain. Invited Speaker.
24.	NICOLA S., 2015. Enfoque sistemático de la calidad de los productos hortofrutícolas – 5 November 2015 - 2015 Training Network course: Poscosecha de frutas y hortalizas: una visión práctica de sostenibilidad, calidad y seguridad alimentaria. University of Almeria, Spain. Invited Speaker.
25.	NICOLA S., 2015. Horticulture Education in Europe, with an overview of the university systems in the European Union. National Congress Japanese Society for Horticultural Science - 26-27 September 2015 – Tokushima, Japan. DOI: 10.13140/RG.2.1.2039.3442. Lecturer.
26.	NICOLA S.*, SAMBO P. 2015. Vegetables toward Fertigation. Conference Presentation: 5 th International Symposium on Ecologically Sound Fertilization Strategies for Field Vegetable Production – ISHS, 18-22 May 2015 – Beijing, China. DOI:10.13140/RG.2.1.5028.6240. Keynote speaker.
27.	NICOLA S.*, PIGNATA G., CASALE M. 2014. Advanced Soilless Growing Systems for Standard, Safe and Premium Leafy Vegetable Production. 29 September – 2 October 2014, VI Balkan Symposium on Vegetables and Potatoes. ISHS. Zagreb, Croatia. Keynote speaker.
28.	NICOLA S.*, CONTINI M., VERONESI A. 2014. SWOT-analysis of the salad types: ITALY. Symposium Salads in (r)evolution. 18-19 September 2014. Gent, Belgium. Invited speaker.
29.	NICOLA S.*, FRICKE A., ALSANIUS B., DE PROF M., DURALIJA B., ELOMAA P., GEOFFRIAU E., KOLÁŘOVÁ M., LATKOWSKA M., ROSA E., SCHOUTEN R., HOLEC J., VAN IEPEREN W. 2014. Using the EU Erasmus lifelong learning programme (LLP) for international education in horticulture: the intensive programme ‘Biosushort: potentials of using biodiversity for achieving a sustainable horticulture’. XXIX International Horticultural Congress. 17-22 August 2014, Brisbane, Australia.
30.	NICOLA S. 2014. Difusión de la I+D en postcosecha. Papel de la Sociedad Internacional de Ciencias Hortícolas (ISHS). 6º Seminario Internacional: Avances en biotecnología, tecnología y patología hortofrutícola postcosecha. 11 April 2014, UPCT-TAI+DA, Cartagena, Murcia, Spain. Invited speaker.
31.	NICOLA S. 2014. Flotation growing systems for producing baby leaf vegetables and herbs of high standard quality. µHort Mini-Symposium. 25 February 2014, SLU, Alnarp, Sweden. Invited speaker.
32.	NICOLA S. 2013. Soilless culture systems for asparagus value chain. XIII ISHS International Asparagus Symposium. 15-18 October 2013. Nanchang, China.
33.	NICOLA S. 2013. Flotation growing systems for producing baby leaf vegetables and herbs of high standard quality. Symposium Quality of fresh produce, herbs and vegetables – from field to fork. 18-19 September 2013, Warsaw, Poland. Invited speaker.
34.	NICOLA S.*, FONTANA E., MONACO S., GRIGNANI C. 2013. The application of Nitrates Directive to vegetable crops: from NEV2013 tools and strategies for the future. NUTRIHORT: Nutrient management,

innovative techniques and nutrient legislation in intensive horticulture for an improved water quality. 16-18 September 2013, Ghent, Belgium. Keynote speaker.
35. NICOLA S.*, PIGNATA G., CASALE M., LO TURCO P., GAINO W., PIANO S. 2013. The floating growing systems to grow leafy vegetables for safe and premium fresh and fresh-cut market. VI International Conference on Managing Quality in Chains (MQUIC 2013). 2-5 September 2013. Cranfield, UK.
36. NICOLA S. 2012. Modern Technologies for producing vegetables and greens of high value. International Symposium on Vegetables and Greens. EASonVG. ISHS, 16-20 October 2012. Yerevan, Armenia. Invited speaker.
37. NICOLA S. 2012. Manejo Pre- y Poscosecha de hortalizas de hoja y plantas aromáticas. Seminar at the University of Almeria. 11 September 2012. Almeria, Spain. Invited speaker.
38. NICOLA S.*, EGEEA-GILABERT C., NIÑIROLA D., CONESA E., PIGNATA G., FONTANA E., FERNÁNDEZ J. A. 2012. Nitrogen and Aeration Levels of the Nutrient Solution in Soilless Cultivation Systems as Important Growing Conditions Affecting Inherent Quality of Baby Leaf Vegetables: a Review. ISHS. 2 nd Symposium on Horticulture in Europe. 1-5 July 2012. Angers, France.
39. NICOLA S. 2011. Fresh smoothies and juices with vegetables: tasty with additional nutritional value. IFU Workshop. The increasing consumption of vegetable juices worldwide: Juice as important part in other products. IFU International Federation of Fruit Juice Producers. 20 October 2011. Parma, Italy. Invited Speaker.
40. NICOLA S. 2011. Looking beyond pre- and post-harvest technology of vegetables. APHC/AuSHS/NZIAHS Horticulture for the Future. Horticulture for the Future Conference. The Australasian Postharvest Horticulture Conference Organising Committee (APHC), the Australian Society for Horticultural Science (AuSHS) and the New Zealand Institute of Agriculture and Horticulture Science (NZIAHS). 18-22 September 2011. Mantra Erskine Beach Resort, Lorne, Victoria, Australia. Keynote speaker.
41. NICOLA S. 2010. Leafy salads in Italy: what is on the cutting edge of production and technology? British Leafy Salads Association annual Conference. British Leafy Salads Association. 24 November 2010. East of England Showground, Peterborough, Cambs, UK. Invited Speaker.
42. NICOLA S. 2010. Quality during minimally processing. 28 th International Horticultural Congress. Science and Horticulture for People. ISHS. 22-27 August 2010. Lisbon, Portugal.
43. NICOLA S.*, TIBALDI G., FONTANA E. 2009. Issues facing Organic Transplant Production in Europe. 5 th International Symposium on Seed, Transplant and Stand Establishment of Horticultural Crops: Integrating Methods for Producing More with Less. 27 September – 1 October 2009. Murcia – Almeria, Spain. Keynote speaker.
44. NICOLA S. 2009. I. Estatus de la industria de los invernaderos en la Europa Mediterranea [<i>The situation of protected cultivations in Mediterranean Regions</i>]. II. Nuevos sistemas de cultivo hidropónico para hortalizas de hoja: bandejas flotantes y flujo y reflujo [<i>New growing soilless culture systems: floatation and and ebb-and-flow systems</i>]. III. Manejo Poscosecha de Hortalizas de hoja [<i>Postharvest handling of leafy vegetables</i>]. 3er Simposio Internacional de Invernaderos 2009. Construcción, Producción y Perspectivas. 2-4 September 2009. León Guanajuato, Mexico. Invited lecturer.
45. NICOLA S.*, TIBALDI G., FONTANA E. 2009. Introducing the out-of-season artichoke production in the Piedmont Region. ISHS. VII International Symposium on Artichoke, Cardoon and their wild relatives. June 16-19, 2009 - Saint-Pol de Léon, Brittany, France.
46. FONTANA E., TIBALDI G., GOKSU E., NICOLA S.* 2009. Effect of the Nutrient Solution and Shelf-life Conditions on the essential oil profile of minimally processed dill (<i>Anethum graveolens</i> L.) grown in a soilless culture system. 6 th international Postharvest symposium. 8-12 April 2009. Antalya, Turkey.
47. NICOLA S.*, FONTANA E., TIBALDI G. 2008. Production Systems for leafy vegetables and herbs: how different they are around the world. 14-17 October 2008. Beijing, China. Invited speaker.
48. NICOLA S.*, TIBALDI G., FONTANA E. 2008. Tomato production systems and their application to the tropics. Sistemas de producción de tomate y su aplicación a los trópicos. 9-13 September 2008. Villa de Leyva, Colombia. Plenary lecture speaker.

49. NICOLA S. 2008. Production Systems for leafy vegetables and herbs: how different they are around the world. FAO/WHO Expert Meeting on Microbiological hazards in fresh leafy vegetables and herbs. 5 - 9 May 2008. Bangkok, Thailand. Invited speaker.
50. NICOLA S. 2008. How horticultural education and training can use the possibilities offered by web technologies. I Symposium on Horticulture in Europe. ISHS. 17-20 February 2008. Vienna, Austria. Workshop on New Tools for Education Invited Speaker.
51. NICOLA S.*, FONTANA E., TIBALDI G. 2007. *Allium cepa* cultivar Evaluation for Organic Farming. 5th ISHS International Symposium on Edible *Alliaceae*. 29 October – 1 November 2007. Lelystad, The Netherlands.
52. NICOLA S.*, TIBALDI G., FONTANA E., 2007. Cultivation Management on the Farm influences Postharvest Quality and Safety. International Conference on Quality Management of Fresh Cut Produce (QMFCP 2007), 5-8 August 2007, Bangkok, Thailand. Invited speaker.
53. NICOLA S.*, FONTANA E., TIBALDI G. 2007. Creating added value for culinary herbs by using soilless culture system and postharvest management. I International Medicinal and Aromatic Plants Conference on Culinary Herbs. ISHS. 29 April – 4 May 2007. Antalya, Turkey.
54. NICOLA S.*, HOEBERECHTS J., FONTANA, E. 2006. Valorization of Rural Areas in Piedmont Region from Cuisine to Cultivation of Indigenous Mediterranean Species. First International Conference on Indigenous Vegetables and Legumes (IVs2006), 12-15 December 2006. ICRISAT, Andhra Pradesh, India.
55. NICOLA S. 2006. Global horticulture: challenges and opportunities. International Symposium on Vegetable Security and Human Health. Beijing Society for Vegetable Science, FAO and Beijing Association for Science and Technology. 21-23 August 2006. Beijing, China. Invited Speaker.
56. NICOLA S.*, FONTANA E., HOEBERECHTS J., TORASSA C. 2006. Fresh-cut produce: facing harvest and postharvest critical issues. International Conference on Managing Quality in Chains (MQIC 2006), 7-10 August 2006. Bangkok, Thailand.
57. NICOLA S.*, HOEBERECHTS J., FONTANA E. 2006. Ebb-and-Flow and Floating Systems to grow Leafy Vegetables: a review for Rocket, Corn Salad, Garden Cress and Purslane. ISHS International Symposium. "Advances in soil & soilless cultivation under protected environment". 19-24 February 2006. Agadir, Morocco.
58. NICOLA S.*, HOEBERECHTS J. FONTANA E. 2004. Comparison between Traditional and Soilless Culture Systems to Produce Rocket (*Eruca sativa*) with Low Nitrate Content. International Congress on Soilless Culture and Hydroponics. ISHS, 14-19 November 2004. Almeria, Spain.
59. NICOLA S.*, HOEBERECHTS J., SAGLIETTI D., FONTANA E. 2004. Nitrogen fertilization regime and lettuce romaine types influence seedling growth, root architecture and transplant quality. ISHS International Symposium on Protected Culture in a Mild-Winter Climate. 23-27 March 2004 Kissimmee, FL, USA.
60. NICOLA S.*, FONTANA E., HOEBERECHTS J., SAGLIETTI D. 2004. Managing Traditional and Soilless Culture System to Produce Corn Salad (*Valerianella olitoria*) with Low Nitrate Content and Lasting Postharvest Shelf-life. ISHS International Symposium on Protected Culture in a Mild-Winter Climate. 23-27 March 2004 Kissimmee, FL, USA.
61. FONTANA E., NICOLA S.*, HOEBERECHTS J., SAGLIETTI D., 2003. Development of Piedmont Valleys through the Introduction of Medicinal and Aromatic Plants in the Production Chain of Farm Guest Houses. 3rd World Congress on Medicinal and Aromatic Plants for Human Welfare (WOCMAP III). 3-7 February, 2003. Chiang Mai, Thailand.
62. NICOLA S.*, FONTANA E., HOEBERECHTS J. 2002. Cultural techniques to optimize the thyme (*Thymus vulgaris* L.) propagation. XXVI International horticultural Congress and Exhibition. 11-17/8 2002, Toronto, Canada.
63. NICOLA S.*, HOEBERECHTS J., FONTANA E. 2002. Studies on irrigation systems to grow lettuce (*Lactuca sativa* L.) transplants. XXVI International horticultural Congress and Exhibition. 11-17/8 2002, Toronto, Canada.
64. NICOLA S.*, HOEBERECHTS J., FONTANA E. 2002. A soilless culture system to grow out-of-season asparagus with a high marketable value. XXVI International horticultural Congress and Exhibition. 11-17/8 2002. Toronto, Canada.

65. NICOLA S.*, HOEBERECHTS J., FONTANA E. 2002. Out-of-season asparagus in protected cultivation. International Symposium on Protected Cultivation in Mild Winter Climates: Product and process innovation for protected cultivation in mild winter climate. 5-8 March 2002, Ragusa, Italy.
66. NICOLA S.* CANTLIFFE D.J. 2000. Morphology and Architecture in young lettuce seedlings growing in a Photosynthetic Whole Plant Culture (PWPC) system. Third International Symposium on Adventitious Root Formation. 27 June – 1 July 2000. Veldhoven, The Netherlands.
67. NICOLA S.*, BASOCCU L. 2000. Overhead, Ebb and Flow, and Flotation: analysis of three irrigation systems to grow lettuce transplants. International Symposium on Protected Cultivation in Mild Winter Climates: Current Trends for Sustainable Technologies. March 7-11, 2000. Cartagena and Almería, Spain.
68. NICOLA S.*, BASOCCU L. 1997. Timing of Nitrogen application influences tomato (*Lycopersicon esculentum* Mill.) seedling Nitrogen Content, growth rates and Biomass partitioning and field fruit earliness. 8th International Symposium on “Timing of field production in vegetable crops”. 15-18 October, 1997. Bari, Italy.
69. NICOLA S. 1997. Transplant Production and Performance: Understanding Root Systems to improve Seedling quality. Fifth National Symposium on Stand Establishment, June 1-4, 1997, Columbus, Ohio, USA. Invited speaker at the Transplant Workshop, 31 May 1997.
70. NICOLA S. 1996. Lettuce (*Lactuca sativa* L.) root morphology, architecture, growth and development in an autotrophic culture system. Seminar for Ph.D. Dissertation, 27 November 1996. University of Florida, Gainesville, Florida, USA.
71. NICOLA S.*, CANTLIFFE D.J. 1996. Fertilizer content of the medium enhances lettuce transplant growth. Proc. FSHS Annual Meeting, 3-5 November, 1996, Orlando, Florida, USA.
72. NICOLA S. 1996. Advances in lettuce transplant production. Proc. Graduate Student Forum, University of Florida, Gainesville, Florida, USA.
73. NICOLA, S. 1996. Managing lettuce transplant growth. Florida Seed Association/UF-IFAS Seed Seminar, 21-22 February 1996, Gainesville, Florida, USA. Invited speaker.
74. NICOLA S.*, BASOCCU L., LEONI S. 1995. Efficiency of nitrogen assimilation in tomato seedlings as affected by nitrogen regime and photoperiod. 92nd Annual Meeting of the American Society for Horticultural Science. 30 July-2 August, 1995, Montreal, Quebec, Canada.
75. NICOLA S.*, CANTLIFFE D.J. 1994. Increasing cell size and media packing enhances the growth of lettuce seedlings, transplant quality, and field production. 91st Annual Meeting of the American Society for Horticultural Science. 7-11 August, 1994, Corvallis, Oregon, USA.

National Talks

76. NICOLA S. 2021. Asparago a Santena: innovazioni dal mondo [*Innovation on asparagus production*]. 7 April 2021. Accademia dell’Agricoltura, Torino, Italy. Invited lecture.
77. NICOLA S. 2020. *Vertical Farming*: le nuove frontiere dell’agricoltura. [*Vertical farming: the new frontiers of agriculture*]. 19 November 2020. Politechnique of Turin, Torino, Italy. Invited lecture.
78. NICOLA S. 2019. *Vertical Farming* come sistema di produzione di cibo: un ritorno al futuro? [*Vertical farming as a food production system: back to the future?*]. 5 June 2019. Accademia dell’Agricoltura, Torino, Italy. Invited lecture.
79. NICOLA S. 2015. Innovazione nelle colture fuori suolo con mezzo liquido: Il sistema NGS [*Innovation in soilless culture with liquid medium: The NGS system*]. Meeting: ‘Le innovazioni tecnologiche nelle colture ortofrutticole specializzate’. 24 November 2015. Grosseto, Italy. Invited speakers.
80. NICOLA S. 2014. Orticoltura in ambiente urbano e peri-urbano: Idee per una corretta e sostenibile gestione [*Urban and peri-urban horticulture: management sustainability*]. Giornata di Studio ‘2014: anno internazionale dell’agricoltura familiare per la lotta alla fame del mondo e lo sviluppo sostenibile’. 28 November 2014. Cuneo, Italy. Invited speakers.

81. NICOLA S. 2014. Strategie agronomiche per la sicurezza alimentare: Rischi e prevenzione in orticoltura. [*Agronomical strategies for food safety: risk assessment and management in horticulture*]. Giornata di Studio 'Strategie agronomiche per la sicurezza alimentare'. 12 June 2014. Grugliasco, Italy. Invited speaker.
82. TONUTTI P.*, NICOLA S.* 2013. Security e Safety dei prodotti ortofrutticoli: problematiche e strategie di ricerca [*Food security and safety: critical issues and research strategies*]. XI Convegno AISSA. 12-14 November 2013. Piacenza, Italy. Invited speakers.
83. NICOLA S. 2012. Le piante officinali: una risorsa importante per il territorio [*The Medicinal and Aromatic Plants: a resource for the territory*]. Round Table on Quality agriculture and Medicinal and Aromatic Plants. 29 July 2012, Scala (SA), Italy. Invited speaker.
84. NICOLA S.*, FAVAZZO A. 2012. Specie orticole in città: linee tecniche di gestione [*Vegetable species for urban horticulture: technical guidelines*]. Meeting on Urban Horticulture. Meeting on Urban Horticulture. 25 May 2012, Torino, Italy. Invited speaker.
85. NICOLA S. 2011. GENEALP: il genepì delle Alpi [*GENEALP: The genepì of the Alps*]. Workshop: Il genepì delle alpi: cultura, tradizione e innovazione senza confini'. Alcotra; Regione Piemonte; Provincia di Torino. 1 October 2011. Oulx (TO), Italy.
86. NICOLA S.*, TIBALDI G., FONTANA E. 2011. Coltivazione, ottimizzazione della produzione, qualità alla raccolta ed in post-raccolta di specie aromatiche per diversi usi nell'agro-alimentare [*Cultivation, yield optimization, quality at harvest, post-harvest processing of aromatic species to enhance the agri-food chain*]. National Meeting on Aromatic plants. Università di Torino. 16 February 2011. Lombriasco (TO), Italy.
87. NICOLA S. 2010. La tecnica colturale per la valorizzazione del Sedano Rosso [*The cultural technique to grow the local Red Celery*]. Regional Meeting: The added value of the local Red Celery in Chain – From fork to Farm. Università di Torino, Faculty of Agriculture; Assot. 11 April 2010. Orbassano (TO), Italy.
88. NICOLA, S., TIBALDI, G., FONTANA, E. 2010. Colture officinali, ricerca e sviluppo in Piemonte [*R&D on Medicinal and Aromatic Plants in Piedmont Region*]. National Workshop: Research for enhancing the food chain of medicinal and aromatic plants. IX Giornate Scientifiche SOI. 12 March 2010. Florence, Italy.
89. NICOLA S.*, TIBALDI G., FONTANA E. 2009. Recenti esperienze di ricerca sugli ortaggi di IV gamma [*Recent research findings on fresh-cut products*]. Workshop on Non destructive analyses for quality parameters evaluation of fresh-cut products. Regional Government of Lombardy. S. Paolo d'Argon (BG). 24 November 2009. Invited Speaker.
90. NICOLA S.*, FONTANA E. 2009. Le esperienze di Ricerca e Sviluppo in Piemonte sulle Colture Officinali [*R&D on Medicinal and Aromatic Plants*]. National Seminar on Medicinal and Aromatic Plants Regional R&D Programs. 20 November 2009. Menfi (AG), Italy.
91. NICOLA S. 2009. Le nuove sfide di innovazione della IV gamma [*The new challenges of the fresh-cut industry*]. 1st Fruit and Vegetables Meal & Solution Meeting. 27 October 2009. Cibus Tech., Fiere Parma. Parma, Italy. Invited Speaker.
92. NICOLA S.*, FONTANA E. 2009. Effetto della gestione colturale sulla qualità commerciale del Porro Lungo Dolce di Carmagnola [*Cultural Techniques on quality characteristics of the Sweet Long Leek of Carmagnola*]. Regional Meeting on The Sweet Long Leek of Carmagnola. A TAP looking for the DPO. Scuola IISS Baldessano-Roccati, Carmagnola. 3 April 2009. Carmagnola (TO), Italy.
93. NICOLA S. 2009. Le caratteristiche colturali del pisello di Casalborgone [*Cultural technique and quality of the local 'Casalborgone' pea*]. Round Table: 'Valorization of the Peas of Casalborgone'. Comune di Casalborgone. 25 May 2008. Casalborgone (TO), Italy.
94. NICOLA S.*, FONTANA E., TIBALDI G. 2007. La Qualità commerciale si ottiene in campo: lenta cessione ed irrigazione per il Porro Lungo Dolce di Carmagnola [*Commercial quality is obtained in the field: slow release fertilizers and irrigation regime for the Long Sweet Leek of Carmagnola*]. Regional meeting on 'The Long Sweet Leek of Carmagnola'. 24 September 2007. Carmagnola (TO), Italy.
95. NICOLA S.*, FONTANA E., TIBALDI G. 2007. Valutazione delle caratteristiche morfologiche di tipicità del pisello di Casalborgone [*Quality traits of local 'Casalborgone' peas*]. Regional meeting on 'Peas, Terroir and Food'. 19 May 2007. Casalborgone (TO), Italy.

96. NICOLA S.*, FONTANA E. 2007. La gestione della qualità post-raccolta di ortaggi da foglia destinati alla IV gamma [*Post-harvest quality of fresh-cut produce*]. VIII Giornate Scientifiche SOI, 8-11 May 2007. Sassari, Italy.
97. FONTANA E., TORASSA C., HOEBERECCHTS J., NICOLA S.* 2005. La IV gamma in Italia: le criticità delle fasi post-raccolta. [*Fresh-cut produce in Italy: postharvest critical issues*]. Workshop of the Postharvest Working Group of the Italian Society for Horticultural Science: “Stato della ricerca italiana sul post raccolta dei prodotti ortoflorofrutticoli”. 7 October 2005. Sassari, Italy.
98. FONTANA E., NICOLA S.*, HOEBERECCHTS J., SAGLIETTI D. 2005. Effetti della pacciamatura su produzione e qualità di *Lavandula angustifolia* e *L. hybrida*. [*Mulching effects on production and quality of Lavandula angustifolia and L. hybrida*]. VII Giornate Scientifiche SOI, 4-6 May 2004. Castel dell’Ovo, Napoli, Italy.
99. NICOLA S., 2003. La valorizzazione delle risorse della montagna: piante officinali e culinarie. [*Valorization of the mountain resources: medicinal and culinary herbs*]. Meeting ‘Erbeinfiera’, 15 March 2003, Perosa Argentina (TO), Italy.
100. NICOLA S., 2003. La tecnica colturale di bietola da costa, rucola, valeriana e verdure da taglio. [*Cultural technique of beat, racket, corn salad and leafy vegetables*] Meeting ‘OrtoMac 2003’. 25 January 2003. Cesena, Italy.
101. NICOLA S. 2002. L’attualità del topinambur [*The modernity of the Jerusalem artichoke*]. Conference on Jerusalem Artichoke., 12 October 2002. XI Sagra del topinambur. Carignano (TO), Italy.
102. NICOLA S. 2002. La coltivazione biologica di specie officinali in aree marginali per la cucina tradizionale. [*The organic farming system to produce medicinal and aromatic plants for the traditional cuisine*]. Invited speaker to ‘Le giornate del rosmarino: Appuntamento sui temi del Paesaggio e sulla coltivazione delle erbe aromatiche’. 8 September 2002. Chiaverano (TO), Italy.
103. NICOLA S. 2002. L’arboreto Prandi nell’itinerario dei giardini delle erbe. [*The Prandi’s arboretum in the herbal garden itinerary*]. Invited speaker to ‘Non solo erbe’, 23 June 2002. Sale San Giovanni (CN), Italy.
104. NICOLA S. 2002. Il topinambur tra tradizione e attualità. [*The Jerusalem artichoke between tradition and present*]. Invited speaker to the seminar ‘Il topinambur a Carignano, quali prospettive?’. 7 June 2002, Carignano (TO), Italy.
105. NICOLA S.*, HOEBERECCHTS J., FONTANA E. 2002. Valorizzazione delle piante officinali in Piemonte: alcune esperienze di ricerca. [*Valorization of the Medicinal and Aromatic Plants in the Piedmont Region: results of the research implemented*]. National meeting ‘Piante officinali, biodiversità e agricoltura’. 23-24 May 2002, Varzi (PV), Italy.
106. NICOLA S. 2002. La coltivazione della patata in Val Chisone (TO): individuazione di varietà con produzione di qualità. [*The potato cultivation in the Chisone Valley: identification of cultivars of high qualità production*]. 6 May 2002, Pomaretto (TO), Italy.
107. NICOLA S., 2002. La coltivazione delle piante officinali: una risorsa per lo sviluppo della montagna. [*The cultivation of Medicinal and Aromatic Plants: an opportunity for the mountain areas*]. International meeting ‘I terroir e i gusti della montagna. Una sfida al globale’. 5-7 April 2002, San Giorgio Canadese (TO), Italy.
108. NICOLA S. 2001. Le piante officinali coltivate in Piemonte. [*The medicinal and aromatic plants cultivated in the Piedmont Region*]. Invited speaker to ‘Le giornate del rosmarino: Appuntamento sui temi del Paesaggio e sulla coltivazione delle erbe aromatiche’. 9 September 2001. Chiaverano (TO), Italy.
109. NICOLA S. 2001. Tuttomais: Le alternative orticole ed officinali nella zona del mais. [*Everything is corn: alternative vegetable crops and medicinal and aromatic crops in the field corn growing area*]. Invited speaker to the meeting ‘Tuttomais’. 20 September 2001. Racconigi (CN), Italy.
110. NICOLA S. 2001. Informazioni sul topinambur. [*Information on Jerusalem artichoke*]. Invited preparation of public fair ‘10 Sagra del Ciapinabò’. 13-14 October 2001. Carignano (TO), Italy.
111. NICOLA S. 2001. Situazione e prospettive della ricerca nel settore delle piante officinali. [*Situation and perspective of the research on Medicinal and Aromatic Plants*]. Invited speaker to ‘Non solo erbe’, 17 June 2001. Sale San Giovanni (CN), Italy.

112. NICOLA S. 2000. Le erbe aromatiche: una risorsa per i territori della Serra. [*The Medicinal and Aromatic Plants: resources for the development of the 'Serra' lands*]. Invited speaker to 'Le giornate del rosmarino: Appuntamento sui temi del Paesaggio e sulla coltivazione delle erbe aromatiche'. 10 September 2000. Chiaverano (TO), Italy.
113. NICOLA S. 2000. Confronto tra sistemi diversi di irrigazione nella crescita di lattuga (*Lactuca sativa* L.) in vivaio. [*Effects of different irrigation systems on lettuce (Lactuca sativa L.) transplant growth*]. V Giornate Scientifiche S.O.I. 28-30 March 2000. Sirmione (BS), Italy.
114. NICOLA S.*, BASOCCU L. 1998. Influenza della temperatura della soluzione nutritiva e del contenuto in N sulla crescita in vivaio e sulla produzione di pomodoro (*Lycopersicon esculentum* Mill.). [*Influence of the nutrient solution temperature and of the N supply on seedling growth and yield of tomato (Lycopersicon esculentum Mill.)*]. IV Giornate Scientifiche S.O.I., 1998, Sanremo (IM), Italy.
115. NICOLA S. 1997. Morfologia, architettura, crescita e sviluppo dell'apparato radicale di lattuga cresciuta in coltura autotrofica. Modificazioni indotte dall'impiego di saccarosio, CO₂ e azoto. [*Lettuce (Lactuca sativa L.) root morphology, architecture, growth and development in an autotrophic culture system. Effects of sucrose, CO₂ and Nitrogen*] 14 May 1997. Invited Seminar from Dipartimento di Biologia delle Piante Agrarie, Università di Pisa. Pisa, Italy.
116. NICOLA S. 1997. Morfologia, architettura, crescita e sviluppo dell'apparato radicale di lattuga cresciuta in coltura autotrofica. Modificazioni indotte dall'impiego di saccarosio, CO₂ e azoto. [*Lettuce (Lactuca sativa L.) root morphology, architecture, growth and development in an autotrophic culture system. Effects of sucrose, CO₂ and Nitrogen*]. 26 March 1997. Invited Seminar from Dipartimento di Agronomia, Selvicoltura e Gestione del Territorio, Università di Torino, Torino, Italy.
117. NICOLA S. 1992. Effetti della concimazione in vivaio su lattuga in coltura protetta autunno-invernale. [*Nursery nutrition effects on seedling growth and field production of lettuce in winter protected cultivation.*]. Convegno sulle Colture Protette, 12-13 marzo, 1992, Verona. [*Nursery nutrition effects on seedling growth and field production of lettuce in winter protected cultivation.*]. Congress on Protected Cultivation, 12-13 March, 1992, Verona, Italy.
118. NICOLA S. 1991. Influenza di diverse condizioni di luce e della concimazione azotata sullo sviluppo in vivaio e sulla produzione di pomodoro (*Lycopersicon esculentum* Mill.). [*Influence of different light conditions and nitrogen supply on in-nursery growth and on tomato (Lycopersicon esculentum Mill.) production*]. 2nd National Congress on "Il Vivaismo orticolo". 2-4 May, 1991, Foggia, Italy.

Research, Seminars and Conference presentations (not presenter)

- International Talks
- ERTANI A.*, NICOLA S., PETRINI A., BULGARI R. 2021. Biostimulants and their role in improving the nutrition of plants in hydroponic conditions. 3rd ISHS International Symposium on Soilless Culture and Hydroponics: Innovation and advanced technology for circular horticulture. 19-21 March 2021. Limassol, Cyprus. Keynote Speaker.
 - PENNISI G.*, PISTILLO A., ORSINI F., NICOLA S., FERNANDEZ J., CREPALDI A., GIANQUINTO G. 2020. Optimal light intensity for sustainable water and energy use in indoor cultivation of leafy vegetables and herbs under red and blue LEDs. IX International Symposium on Light in Horticulture 2021.
 - PENNISI G.*, PISTILLO A., MONTEFIORI F., ORSINI F., NICOLA S., FERNANDEZ J., CREPALDI A., GIANQUINTO G. 2020. Optimal red:blue LED lighting ratio for a sustainable indoor cultivation of rocket and chicory. IX International Symposium on Light in Horticulture 2021.
 - PENNISI G., ORSINI F., NICOLA S., GIANQUINTO G. 2019. Salt stress in hydroponically grown lettuce is alleviated by greenhouse white plastic covering film and exogenous proline application. XI International Symposium on Protected Cultivation in Mild Winter Climates. 27-31 January 2019, Tenerife, Spain.
 - PENNISI G.*, ORSINI F., GENOVESI E., CENTINARO M., CREPALDI A., BLASIOLI S., BRASCHI I., SPINELLI F., CELLINI A., NICOLA S., FERNANDEZ J.A., GIANQUINTO G. 2018. Improved Red and blue ratio in LED lighting for indoor cultivation of leafy vegetables. XXX International Horticultural Congress. 12-16 August 2018, Istanbul, Turkey.

6. PENNISI G.*, ORSINI F., ACCORSI M., CREPALDI A., BLASIOLI S., BRASCHI I., SPINELLI F., CELLINI A., NICOLA S., GIANQUINTO G. 2017. Different Red:Blue ratios in LED lighting affect productivity, nutritional and physiological parameters of indoor hydroponically grown lettuce. International Symposium on Greener Cities for More Efficient Ecosystem Services in a Climate Changing World. 11-15 September 2017, Bologna, Italy.
7. BOGGIA L.*, SGORBINI B., CAGLIERO C., PIGNATA G., COLOMBO M.L., NICOLA S., BICCHI C., RUBIOLO P. 2015. Total volatile profile of <i>Artemisia umbelliformis</i> Lam. as a predictive marker of genepi liqueur thujone amount. 110 th Italian Botanical Society Congress; 2 nd International Plant Science Conference - IPSC 2015.
8. PIGNATA G.*, TIBALDI G., GAINO W., NICOLA S. 2012. Mixing and dipping 'Gala Brookfield' and 'Granny Smith' fresh-cut apples. 7 th ISHS International Postharvest Symposium 2012. 25-29 June 2012. Kuala Lumpur, Malaysia.
9. LEONARDI C.*, NICOLA S. 2006. Seedling quality for crop optimisation. ISHS International Symposium. "Advances in soil & soilless cultivation under protected environment". 19-24 February 2006. Agadir, Morocco.
10. KOCH K.E.*, NICOLA S., CANTLIFFE D.J. 1999. Sugars and Gene Expression. Proceedings IX National Congress on: Bioquímica y Biología Molecular de Plantas – Tercer Simposio México – Estados Unidos. 30 October – 2 November 1999. Mérida, Yucatán, Mexico.
11. KOCH K.E.*, CANTLIFFE D.J., NICOLA S. 1996. Feast and Famine Responses of Genes for Sucrose use: Contrasting effects of elevated CO ₂ and Carbohydrate supplies. 2nd International IGBP-GCTE Workshop on "Plant Acclimation to elevated CO ₂ ". 19-23 May 1996. Lake Tahoe, California, USA.
12. BASOCCU L.*, NICOLA S. 1994. Supplementary light and Pretransplant Nitrogen effects on tomato seedling growth and yield. XXIVth International Horticultural Congress. ISHS. 21-27 August 1994. Kyoto, Japan.

National Talks

13. HOEBERECHTS J.*, NICOLA S., FONTANA E. 2002. L'impiego del sistema di crescita fuori suolo in colture protette ad alto valore aggiunto: rucola (<i>Eruca sativa</i> Mill.) e valerianella (<i>Valerianella olitoria</i> L.). National Meeting of "VI Giornate Scientifiche S.O.I.". 23-25 April 2002. Spoleto (PG), Italy.
14. BASOCCU L.*, NICOLA S. 1999. Variazione e regolazione dei parametri ambientali per il controllo della crescita nel vivaio orticolo. National Workshop: 'Le colture protette: aspetti agronomici, territoriali e tecnico-costruttivi'. 24-26 June 1999. Ragusa, Italy.
15. BASOCCU L.*, NICOLA S. 1994. Fertilizzazione azotata e modalità di somministrazione sulla crescita in vivaio di lattuga (<i>Lactuca sativa</i> L.). National Meeting of "II Giornate scientifiche S.O.I.". 22-26 June 1994. S. Benedetto del Tronto (AP), Italy.
16. BASOCCU L.*, NICOLA S. 1991. Effetti della luce naturale e artificiale e della concimazione azotata sulla crescita in vivaio e sulla produzione in coltura protetta di pomodoro. Workshop: "Soluzioni Innovative per le Colture Protette", 26-28 November 1991. Catania, Italy.
17. BASOCCU L.*, NICOLA S. 1990. Effetti di carenza e di eccesso di azoto sulla crescita in vivaio e sulla produzione di pomodoro. National Meeting: "Stress ambientali nei vegetali". C.N.R. 27-28 November 1990. Roma, Italy.
18. BASOCCU L.*, NICOLA S. 1989. Effetti delle condizioni di luce naturale, dello stato idrico e del volume del substrato sull'accrescimento in vivaio e sulla produttività del pomodoro in serra fredda. 1st National Congress on "Il Vivaismo orticolo, aspetti tecnici, organizzativi e commerciali". 4-5 May 1989. Foggia, Italy.

Poster presentations (presenter*)

International Posters

19. NICOLA S.*, ERTANI A., CELI L., PADOAN E., MARTIN M., BULGARI R., PETRINI A., LENZI F., SCOVA A., TUMIATTI V. 2021. BioEnPro4TO: Advanced indoor and vertical farm models in circular economy, innovative solutions for sustainable urban farming. 3rd ISHS International Symposium on Soilless Culture and Hydroponics: Innovation and advanced technology for circular horticulture. 19-21 March 2021. Limassol, Cyprus (held on line).
20. TAKAHAMA M.*, NICOLA S., SUZUKI T., ARAKI H. 2019. Effect of Salinity Application on Yield and Quality in the Hydroponically Grown Baby-leaf Vegetables. Greensys2019. 16-20 June 2019, Angers, France.
21. NICOLA S.*, PIGNATA G. 2017. Food Supply Chain Wastage. FAO Workshop, GAP in Protected Cultivation in South Eastern Europe Countries. DOI: 10.13140/RG.2.2.22139.41761.
22. DURALIJA B.*, NICOLA S. 2015. Tools for enhancing learning experience in the EU Erasmus lifelong learning programme (LLP) "BioSusHort" - Potentials of using biodiversity for achieving a sustainable horticulture. Poster Conference: ICA-Edu Colloquium "Educating Life Science Graduates Fit for Europe", 15th -16th April 2015, Wien, Austria. DOI:10.13140/RG.2.1.1402.8327.
23. PIGNATA G.*, NICOLA S. 2014. Technical innovations to support cultivation, processing and postharvest handling of Western Alps wormwoods (*Artemisia L.*) ecotypes: an overview. XI Forum Alpinum on Alpine Resources: Use, Valorisation and Management from Local to Macro-Regional Scale - Forum Alpinum 2014. 17-19 September, 2014, Darfo Boario Terme (BS), Italy.
24. CONTINI M.*, NICOLA S. 2013. Asparagus value chain: traditional varieties with EU quality certifications. XIII ISHS International Asparagus Symposium. 15-18 October 2013. Nanchang, China.
25. NICOLA S.*, STIRPARO D. 2013. A national law for the fresh-cut industry: the case of Italy. VI International Conference on Managing Quality in Chains (MQUIC 2013). 2-5 September 2013. Cranfield, UK.
26. PIGNATA G.*, TIBALDI G., GAINO W., NICOLA S. 2012. Mixing and dipping 'Gala Brookfield' and 'Granny Smith' fresh-cut apples. 7th ISHS International Postharvest Symposium 2012. 25-29 June 2012. Kuala Lumpur, Malaysia.
27. TIBALDI G.*, PIGNATA G., FONTANA E., NICOLA S. 2011. Potentiality of Mint Leaves as Ready-to-use Product: Postharvest Evaluation. II ISHS International Conference on Quality Management of Fresh Cut Produce: Convenience Food for a Tasteful Life. ISHS. 17-21 July 2011. Torino, Italy.
28. PIGNATA G.*, TIBALDI G., FONTANA E., NICOLA S. 2011. Baby-leaf fresh-cut salad mixes and their phytochemical added value. II ISHS International Conference on Quality Management of Fresh Cut Produce: Convenience Food for a Tasteful Life. ISHS. 17-21 July 2011. Torino, Italy.
29. FONTANA E., PIGNATA G., TIBALDI G., NICOLA S.* 2011. Fresh-cut Chain for Soilless Grown Strawberry 'Mara de Bois': Cutting Process Reduces the Shelf-life of the Produce. II ISHS International Conference on Quality Management of Fresh Cut Produce: Convenience Food for a Tasteful Life. ISHS. 17-21 July 2011. Torino, Italy.
30. NICOLA S.*, TIBALDI G., PIGNATA G., FONTANA E. 2011. The Flotation Growing System for Baby Leafy Vegetables Can Assure Low Microbial Contamination at Harvest. II ISHS International Conference on Quality Management of Fresh Cut Produce: Convenience Food for a Tasteful Life. ISHS. 17-21 July 2011. Torino, Italy.
31. TIBALDI, G., FONTANA, E., NICOLA, S. 2009. Influence of maturity stage at harvest on essential oil composition of dill leaves (*Anethum graveolens L.*) and of postharvest treatments on freshness of fresh-cut dill. ISHS International Conference Postharvest Pacifica 2009. Pathways to Quality. Australasian Postharvest and Managing Quality in Chains Conference. 15-19 November 09. Napier, New Zealand.
32. NICOLA, S., FONTANA, E., TIBALDI, G., ZHAN, L. 2009. Qualitative and Physiological response of minimally processed rocket (*Eruca sativa Mill.*) to package filling and shelf-life temperature. 6th international Postharvest symposium. 8-12 April 2009. Antalya, Turkey.

33. NICOLA, S., FONTANA, E., TAVELLA, L., BOSCO, L., ZEPPA, G., CAGLIERO, F., RICCI, L. 2007. Exploitation of Long Sweet Leek by Implementing a Local Agri-Food Chain. 5th ISHS International Symposium on Edible *Alliaceae* Symposium. 29 October – 1 November 2007. Lelystad. The Netherlands.
34. NICOLA, S., FONTANA, E., HOEBERECHTS, J., PEIRETTI, P.G., PALMEGIANO, G.B., CROS, V. 2006. When Minor Crops Hold Biofunctional Foods: Applying Modern Cultivation Technology to Grow *Portulaca olearacea*. S-03. 27th International Horticultural Congress & Exhibition. Global Horticulture: Diversity & Harmony. ISHS. 13-19 August 2006. Seoul, South Korea.
35. NICOLA, S., FONTANA, E., HOEBERECHTS, J. 2006. *Artemisia mutellina*, a Medicinal Plant for a Liquor of Geographical Origin: Understanding Seed Quality and Germinability to Enhance the Production Chain. S-13. 27th International Horticultural Congress & Exhibition. Global Horticulture: Diversity & Harmony. ISHS. 13-19 August 2006. Seoul, South Korea.
36. NICOLA, S., FONTANA, E., HOEBERECHTS, J., TORASSA, C. 2006. Fresh-cut Produce: Improving Postharvest Critical Points to Meet Consumer Expectations. S-08. 27th International Horticultural Congress & Exhibition. Global Horticulture: Diversity & Harmony. ISHS. 13-19 August 2006. Seoul, South Korea.
37. FONTANA, E., HOEBERECHTS, J., NICOLA, S. 2006. Using Modern Soilless Culture Systems to Grow Leafy Vegetables. S-06. 27th International Horticultural Congress & Exhibition. Global Horticulture: Diversity & Harmony. ISHS. 13-19 August 2006. Seoul, South Korea.
38. NICOLA, S., FONTANA, E., HOEBERECHTS, J., NICCOLINI, S. 2006. Development of Piedmont Valleys through the Introduction of Medicinal and Aromatic Plants in the Production Chain of Farm Guest Houses. International ISHS Symposium. "The *Labiatae*: Advances in Production, Biotechnology and Utilisation". 22-25 February 2006. Sanremo (IM), Italy.
39. NICOLA, S., FONTANA, E., HOEBERECHTS, J., NICCOLINI, S. 2006. Rooting products and cutting timing for peppermint (*Mentha piperita* L.) radication. International ISHS Symposium. "The *Labiatae*: Advances in Production, Biotechnology and Utilisation". 22-25 February 2006. Sanremo (IM), Italy.
40. NICOLA, S., FONTANA, E., HOEBERECHTS, J., SAGLIETTI, D., PIOVANO, G. 2004. *Raphanus sativus* Production in Soilless or Traditional Culture Systems and Postharvest Packaging. S-5 ISHS V International Postharvest Symposium. 5-11 June 2004. Verona, Italy.
41. FERNÁNDEZ, J.A., BALENZATEGUI, L., BAÑÓN, S., GONZÁLEZ, A., NICOLA, S. 2004. Paclobutrazol and Water Stress Induce Morphological Adaptation in *Phillyrea angustifolia* during Hardening. ISHS International Symposium on Protected Culture in a Mild-Winter Climate. 23-27 March 2004. Kissimmee, FL, USA.
42. NICOLA, S., FONTANA, E., HOEBERECHTS, J., SAGLIETTI, D., PIOVANO, G. 2004. Medium, Cultivar and Plant Density Influenced Production and Postharvest Shelf-life of *Raphanus sativus* Grown in a Soilless Culture System. ISHS International Symposium on Protected Culture in a Mild-Winter Climate. 23-27 March 2004. Kissimmee, FL, USA.
43. NICOLA, S., HOEBERECHTS, J., FONTANA, E., SAGLIETTI, D., 2003. Cultural technique influences on post-harvest quality of rocket (*Eruca sativa* Mill.). Third International and Multidisciplinary Conference: Quality in Chains. An Integrated view on Fruit and Vegetable Quality, Wageningen, The Netherlands, 6-9 July, 2003.
44. NICOLA, S., HOEBERECHTS, J., FONTANA, E., SAGLIETTI, D., 2003. Soilless culture systems produce ready-to-eat corn salad (*Valerianella olitoria* L.) of high quality. Third International and Multidisciplinary Conference: Quality in Chains. An Integrated view on Fruit and Vegetable Quality, Wageningen, The Netherlands, 6-9 July, 2003.
45. NICOLA, S., HOEBERECHTS, J., FONTANA, E., SAGLIETTI, D., 2003. Rooting Products and Cutting Timing on Sage (*Salvia officinalis* L.) Propagation. 3rd World Congress on Medicinal and Aromatic Plants for Human Welfare (WOCMAP III), Chiang Mai, Thailand, 3-7 February, 2003.
46. NICOLA, S., HOEBERECHTS, J., FONTANA, E., SAGLIETTI, D. 2002. Medicinal and Aromatic Plants in Italy: situation and perspective for the Piedmont Region. XXVIth International horticultural Congress and Exhibition. 11-17/8 2002, Toronto, Canada.

47. HOEBERECHTS, J., NICOLA, S., FONTANA, E. 2002. Growth of lavender (*Lavandula officinalis* Chaix) and rosemary (*Rosmarinus officinalis* L.) in response to different mulches. XXVIth International horticultural Congress and Exhibition. 11-17/8 2002, Toronto, Canada.
48. NICOLA, S., HOEBERECHTS, J., FONTANA, E. 2002. Rocket (*Eruca sativa* Mill.) and corn salad (*Valerianella oleria* L.): production and conservation of two leafy vegetables grown in a soilless culture system. XXVIth International horticultural Congress and Exhibition. 11-17/8 2002, Toronto, Canada.
49. NICOLA, S., HOEBERECHTS, J., FONTANA, E. 2002. A brushing automatic system to control plant height in commercial greenhouses. XXVIth International horticultural Congress and Exhibition. 11-17/8 2002, Toronto, Canada.
50. NICOLA, S., HOEBERECHTS, J., FONTANA, E. 2002. Mechanical conditioning to control stem elongation in commercial greenhouse plant production. XXVIth International horticultural Congress and Exhibition. 11-17/8 2002, Toronto, Canada.
51. NICOLA, S., FONTANA, E., HOEBERECHTS, J., BASOCCU, L. 2002. Cultivation of medicinal and aromatic plants: cutting production and development under protected cultivation. International Symposium on Protected Cultivation in Mild Winter Climates: Product and process innovation for protected cultivation in mild winter climate. March 5-8, 2002, Ragusa, Italy.
52. NICOLA, S., HOEBERECHTS, J., FONTANA, E., DUCCO, G. 2001. Medicinal and Aromatic Plants in Italy: situation and perspective for the Piedmont Region. World Conference on Medicinal and Aromatic Plants. 8-11 July, 2001. Budapest, Hungary.
53. NICOLA, S., HOEBERECHTS, J. 2000. Nitrogen supply alters Root Architecture and Growth of lettuce seedlings grown in greenhouse for vegetable transplant production. Third International Symposium on Adventitious Root Formation. 27 June – 1 July 2000, Veldhoven (The Netherlands).
54. NICOLA, S., BASOCCU, L. 2000. Overhead, Ebb and Flow, and Flotation: analysis of three irrigation systems to grow lettuce transplants. International Symposium on Protected Cultivation in Mild Winter Climates: Current Trends for Sustainable Technologies. 7-11 March 2000, Cartagena and Almería (Spain).
55. NICOLA, S., BASOCCU, L. 1998. Containerized transplant production of asparagus: effects of nitrogen supply and container cell size on plant quality and stand establishment. XXV Intern. Horticultural Congress. ISHS. 2-7 August, 1998, Brussels, Belgium.
56. NICOLA, S., CANTLIFFE, D.J., KOCH, K.E. 1996. Sucrose enhances initiation of lateral and basal roots in lettuce. The 10th FESPP Congress "From molecular Mechanisms to the Plant: an Integrated Approach". 9-13 September, 1996, Firenze, Italy.
57. BASOCCU, L., NICOLA, S. 1993. Effect of nutrition and water content on growth under protection of pepper seedlings and on fruit production. ISHS Symposium on "Soil and Soilless Media Under Protected Cultivation in Mild Winter Climates". ISHS, 1-6 March, 1992, Cairo, Egypt.
58. NICOLA, S., BASOCCU, L. 1992. Nitrogen and N,P,K relation affect tomato seedling growth, yield and earliness. 3rd Intern. Symposium on "Protected cultivation in mild winter climates". ISHS. 5-8 October, 1992, La Plata, Argentina.
59. BASOCCU, L., NICOLA, S. 1992. Effect of nutrition and water content on growth under protection of pepper seedlings and on fruit production. Symposium on "Soil and Soilless Media Under Protected Cultivation in Mild Winter Climates". ISHS. 1-6 March, 1992, Cairo, Egypt.
60. BASOCCU, L., NICOLA, S. 1990. Influence of different growing techniques on seedlings and fruit production of pepper (*Capsicum annum* L.). Proc. XXIII Intern. Horticultural Congress. ISHS, Firenze. Italy. p. 4056.
61. BASOCCU, L., NICOLA, S. 1989. Light conditions, timing fertilization and water availability influence on nursery development of lettuce seedlings and their effect on field productivity. 2nd Int. Symposium on "Protected cultivation of vegetables in mild winter climates". ISHS. 29 October. 3 November, 1989, Crete, Greece.

National Posters

62. CONTINI, M., ACCOMAZZO, C., NICOLA, S., 2010. Approccio di filiera in una zona svantaggiata "phasing out": dalla coltivazione alla trasformazione di piante officinali. National Workshop: Research for enhancing the food chain of medicinal and aromatic plants. IX Giornate Scientifiche SOI. 12 March 2010. Florence, Italy.
63. NICOLA, S., FONTANA, E., TIBALDI, G., SOSTER, M. 2010. Germinabilità e conservazione del seme di genepi (*Artemisia mutellina* Lamb.). National Workshop: Research for enhancing the food chain of medicinal and aromatic plants. IX Giornate Scientifiche SOI. 12 March 2010. Florence, Italy.
64. TIBALDI, G., BATTISTA, G., FONTANA, E., NICOLA, S. 2009. Effetto del taglio e del condizionamento post-raccolta sulla shelf-life di zucca di IV gamma. Meeting 'Ortofrutta di IV gamma: La ricerca incontra l'industria. 4 September 2009. Foggia, Italy.
65. NICOLA S., TIBALDI G., FONTANA E. 2009. Effetti delle condizioni pre e post-raccolta sulla qualità di specie minori ad alto valore funzionale destinati alla filiera di IV gamma: il caso dell'aneto (*Anethum graveolens* L.) e del crescione (*Lepidium sativum* L.). Meeting 'Orticoltura di qualità per un mercato in evoluzione'. 30 April 2009. Foggia, Italy.
66. NICOLA, S., FONTANA, E., TIBALDI, G. 2009. Genepi. Sviluppo di tecniche innovative a supporto della coltivazione e della trasformazione del genepi in Piemonte. Alpi 365, Montagna Expo. 23-25 October 2009. Torino, Italy.
67. CONTINI, M., ACCOMAZZO, C., NICOLA, S., 2007. Approccio di filiera in una zona svantaggiata "phasing out": dalla coltivazione alla trasformazione di piante officinali. VIII Giornate Scientifiche SOI. 8-11 May 2007. Sassari, Italy.
68. NICOLA, S., TAVELLA, L., ZEPPA, G. 2006. Sweet Leek. PORRO LUNGO DOLCE DI CARMAGNOLA: un PAT in cerca di DOP. Olympic Games 2006, 10-26 February 2006. Torino, Italy.
69. HOEBERECHECHTS, J., FONTANA, E., NICOLA, S. 2005. Il ravenello coltivato con il floating system. Technohortus. VII Giornate Tecniche SOI. La fertirrigazione in ortoflorofruitticoltura. 2-3 December 2005. Padova, Italy.
70. FONTANA, E., CROS, V., HOEBERECHECHTS, J., NICOLA, S. 2005. La coltivazione fuori suolo di specie culinarie: il caso della *Silene vulgaris*. Technohortus. VII Giornate Tecniche SOI. La fertirrigazione in ortoflorofruitticoltura. 2-3 December 2005. Padova, Italy.
71. FONTANA, E., TORASSA, C., HOEBERECHECHTS, J., NICOLA, S. 2005. Il crescione per la IV gamma: aspetti di coltivazione fuori suolo e post-raccolta. Workshop of the SOI Working Group on Postharvest: "Stato della ricerca italiana sul post raccolta dei prodotti ortoflorofruitticoli". 7 October 2005. Sassari, Italy.
72. NICOLA, S., FONTANA, E., HOEBERECHECHTS, J., TORASSA, C. 2005. Il Sedano Rosso: recupero e valorizzazione di una vecchia coltura del territorio torinese. VII National Meeting on Biodiversity: "L'agrobiodiversità per la qualificazione delle filiere produttive". 30 March – 2 April 2005. Catania, Italy.
73. NICOLA, S., FONTANA, E., HOEBERECHECHTS, J., TORASSA, C. 2005. La valorizzazione del "Ravenello Lungo Tabasso" ed il "Cavolfiore" di Moncalieri. VII National Meeting on Biodiversity: "L'agrobiodiversità per la qualificazione delle filiere produttive". 30 March – 2 April 2005. Catania, Italy.
74. HOEBERECHECHTS, J., FONTANA, E., NICOLA, S. 2004. Piante officinali mediterranee in Piemonte: esperienze di ricerca per la coltivazione di lavanda e rosmarino. 2° National Meeting on Mediterranean Plants: Valorizzazione delle risorse e sviluppo sostenibile. 7-8 October 2004. Agrigento, Italy.
75. FONTANA, E., HOEBERECHECHTS, J., NICOLA, S. 2004. Uso di radicanti naturali e sintetici per la propagazione del rosmarino (*Rosmarinus officinalis* L.). 2° National Meeting on Mediterranean Plants: Valorizzazione delle risorse e sviluppo sostenibile. 7-8 October 2004. Agrigento, Italy.
76. NICOLA, S., FONTANA, E., HOEBERECHECHTS, J. 2004. La valorizzazione di alcune specie mediterranee utilizzate nella cucina tradizionale. 2° National Meeting on Mediterranean Plants: Valorizzazione delle risorse e sviluppo sostenibile. 7-8 October 2004. Agrigento, Italy.

77. NICOLA, S., FONTANA, E., HOEBERECHTS, J., SAGLIETTI, D., TAMIETTI, G., VALENTINO, D. 2004. Effetto di innesto, pacciamatura e impiego di biostimolanti sulla produzione di peperone 'Quadrato di Carmagnola'. Proceedings VII Giornate Scientifiche SOI. 4-6 May 2004. Castel dell'Ovo (NA), Italy.
78. HOEBERECHTS, J., NICOLA, S., FONTANA, E., SAGLIETTI, D. 2004. Il sistema di irrigazione ed il substrato di crescita influenzano la produzione del ravanella in coltura fuori suolo. Proceedings VII Giornate Scientifiche SOI. 4-6 May 2004. Castel dell'Ovo (NA), Italy.
79. FONTANA, E., NICOLA, S., HOEBERECHTS, J., SAGLIETTI, D., PIOVANO, G., AMPRIMO, I., BASSETTI, G., BOZZANO, G., CROTTI, A., GUALCO, F. 2003. Lo spazzolamento per contenere la taglia delle piante nell'ortoflorovivaismo. II. Il garofano da vaso fiorito. Giornate Tecniche SOI "L'Innovazione nel Vivaismo Orto-Floro-Frutticolo". 2-4 October 2003. Taormina (ME), Italy.
80. FONTANA, E., NICOLA, S., HOEBERECHTS, J., SAGLIETTI, D., PIOVANO, G., AMPRIMO, I., BASSETTI, G., BOZZANO, G., CROTTI, A., GUALCO, F. 2003. Lo spazzolamento per contenere la taglia delle piante nell'ortoflorovivaismo. I. Il pomodoro in vivaio. Giornate Tecniche SOI "L'Innovazione nel Vivaismo Orto-Floro-Frutticolo". 2-4 October 2003. Taormina (ME), Italy.
81. NICOLA, S., HOEBERECHTS, J., FONTANA, E., SAGLIETTI, D. 2003. Gli aspetti evolutivi dell'Orticoltura nell'ultimo cinquantennio in Piemonte. Convegno Nazionale "1953 - 2003: Cinquant'anni di Orticoltura italiana". Bari, 19 June 2003.
82. TOSONI P., NICOLA S. 2003. Progetto di recupero architettonico di una cascina abbandonata per la trasformazione in fattoria didattica. Meeting 'La tutela dell'architettura rurale nell'evoluzione del sistema produttivo.' Accademia dei Georgofili, Firenze, 16-18 May 2003.
83. NICOLA S., TOSONI P. 2003. Riutilizzo di una cascina di un'area periurbana come fattoria didattica nel settore delle colture officinali. Meeting 'La tutela dell'architettura rurale nell'evoluzione del sistema produttivo.' Accademia dei Georgofili, Firenze, 16-18 May 2003.
84. NICOLA S., HOEBERECHTS J., FONTANA E. 2002. La coltivazione biologica della patata in vallate alpine piemontesi: individuazione di varietà con produzioni di qualità. [*Organic production of potato crop in Alpine valleys: individuation of high quality varieties*]. VI Giornate Scientifiche SOI. 23-25 April 2002. Spoleto, Italy.
85. FONTANA E., NICOLA S., HOEBERECHTS J. 2002. Impiego di radicanti ecocompatibili e scelta dell'epoca di taleaggio: importanti fattori tecnici per la propagazione del rosmarino (*Rosmarinus officinalis* L.). [*Rooting products and timing of cutting: important factors for rosemary (*Rosmarinus officinalis* L.) propagation*]. VI Giornate Scientifiche SOI. 23-25 April 2002, Spoleto, Italy.
86. NICOLA S. 2001. Informazioni sul topinambur. [*Information on Jerusalem artichoke*]. Invited preparation of public fair '10 Sagra del Ciapinabò'. 13-14 October 2001. Carignano (TO), Italy.
87. NICOLA S., HOEBERECHTS J., BAUDINO M. 2001. Primi risultati di coltivazione fuori suolo per la produzione di valerianella (*Valerianella spp.*). [*First results on Soilless Culture System to produce corn salad (*Valerianella olitoria* L.)*]. National meeting 'La fertilizzazione in orticoltura'. 30 November 2000, Cesena, Italy.
88. NICOLA S. 1992. Effetti della concimazione in vivaio su lattuga in coltura protetta autunno-invernale. [*Nursery nutrition effects on seedling growth and field production of lettuce in winter protected cultivation.*]. Congress on Protected Cultivation. 12-13 March, 1992, Verona, Italy.

Teaching Experience

International

In English

- Niigata Food and Agriculture University, Niigata, Japan. Lecturer for Graduate students. 'Baby leaf vegetables in the world and the research at University of Turin' (July 2019).
- Hokkaido University, Sapporo, Japan. Lecturer for Graduate students. 'The soilless culture system and its improvement' (July 2019).
- Universidad Politécnica de Cartagena, Cartagena, Spain. Lecturer for PhD students in Horticulture. 'Skill for International Activities' (May 2018).

Universidad Politécnica de Cartagena, Cartagena, Spain. Lecturer for PhD students in Horticulture. ‘Advanced technologies in horticulture: what can we learn from one sector to another?’ (March 2017).
Kyoto University, Kyoto, Japan. Lecturer for PhD Horticulture. ‘Advanced technologies in horticulture: what can we learn from one sector to another?’ (December 2016).
Hokkaido University, Sapporo, Japan. Lecturer for MSc Horticulture. ‘Skill for International Activities’ (October 2015).
Hokkaido University, Sapporo, Japan. Lecturer for MSc Horticulture. ‘Front research in soilless growing systems in leafy vegetable production’ (葉菜類の養液栽培研究の最前線) (October 2015).
Rakuno Gakuen University, Ebetsu, Hokkaido, Japan. Lecturer for BSc Horticulture. ‘Soilless Growing Culture in Vegetable Production’ (土を使わない野菜づくり) (September 2015).
Universidad de Almería, Almería, Spain. Lecturer at the Master in Mediterranean Greenhouse Horticulture. Course on Fundamental in Horticulture. Lectures: 01_ The major changes of horticultural production occurred in the last decade in the world; 02_ Commodity supply and demand, logistics, import and export, quality and safety assurance, food losses and wastage; 03_ The development of greenhouse horticulture in the world in the last decade; 04_ Value chains from greenhouse horticulture; 05_ Culture systems to grow horticultural species in specific regions; 06_ Case studies related to commodity crops around the world (January; November 2015).
Lifelong Learning Programme Erasmus 2012-2014: IP-BioSusHort 2013, EuroLeague for Life Science. University of Prague, Czech Republic. Course: ‘Potentials of using biodiversity for achieving a sustainable horticulture’; Lectures: ‘Bringing food diversity to the consumer by intensive cropping’ (May 2014).
Universidad Politécnica de Cartagena, Murcia, Spain. Lecturer at MSc and PhD program ‘Técnicas avanzadas en investigación y desarrollo agrario y alimentario’. Course: “Conservación de recursos filogenéticos. Introducción y adaptación de nuevos cultivos”. Lectures: “Creating added value for culinary herbs, leafy vegetables, new species, aromatic plants”. 1 week. (March 2014; March 2017).
Zhengzhou University Light Industry, China. BSc and MSc Lectures: ‘The internationalization of AgriForFood Department, University of Turin’; ‘Horticultural Science: postharvest physiology and technology’. 9-10 October 2013.
Lifelong Learning Programme Erasmus 2012-2014: IP-BioSusHort 2013, EuroLeague for Life Science. University of Zagreb, Croatia. Course: ‘Potentials of using biodiversity for achieving a sustainable horticulture’; Lectures: ‘Bringing food diversity to the consumer by intensive cropping’ (May 2013).
Lifelong Learning Programme Erasmus 2012-2014: IP-BioSusHort 2012, EuroLeague for Life Science. University of Hannover, Germany. Course: ‘Potentials of using biodiversity for achieving a sustainable horticulture’; Lectures: ‘Bringing food diversity to the consumer by intensive cropping’ (March 2012).
Zhejiang Forestry University, Lin’an, Hangzhou, Zhejiang Province, China. Lecturer – ‘Soilless Culture Systems of Leafy Vegetables for the Fresh-Cut Chain’ (October 2008).
Agriculture University, Plovdiv, Bulgaria. Lecturer – ‘Vegetable Crops Production in Italy’ (a.y. ‘03-‘04)
College HertoDenBosch, Holand. Lecturer – ‘Agriculture in Italy’ (a.y. ‘99-‘00).
University of Florida. USA - Horticultural Sciences Department. Instructor - Assistant Professor of ‘Commercial Production of Cool Season vegetables’ (a.y. ‘95-‘96).

In Spanish

Universidad de Almería, Almería, Spain. Lecturer at the Master in Mediterranean Greenhouse Horticulture (Máster en horticultura Mediterránea bajo invernadero). Course on Fundamental in Horticulture. Lectures: 01_ The major changes of horticultural production occurred in the last decade in the world; 02_ Commodity supply and demand, logistics, import and export, quality and safety assurance, food losses and wastage; 03_ The development of greenhouse horticulture in the world in the last decade; 04_ Value chains from greenhouse horticulture; 05_ Culture systems to grow horticultural species in specific regions; 06_ Case studies related to commodity crops around the world (January 2015; November 2015).
Universidad de Almería, Almería, Spain. Lecturer and advisor at the PhD program on Protected Agriculture. Lecture: ‘Manejo Pre- y Poscosecha de hortalizas de hoja y plantas aromáticas’ (September 2012). Member of the PhD program on Protected Agriculture of the Universidad de Almería since 2012.
Universidad Politécnica de Cartagena, Murcia, Spain. Lecturer at MSc and PhD program (Máster en técnicas avanzadas en investigación y desarrollo agrario y alimentario). Course: “Conservación de recursos filogenéticos. Introducción y adaptación de nuevos cultivos”; Lectures: ‘Crear valor añadido para las hierbas culinarias, las hortalizas de hoja, las nuevas especies, plantas aromáticas’. 20 hrs. (March 2011, March 2012).

Universidad Castilla-La Mancha, Albacete, Spain. Lecturer – ‘Cultivo de hortalizas en bandeja flotante’ (a.y. ‘06-’07).

Universidad Politecnica de Cartagena, Murcia, Spain. Lecturer – ‘La horticultura en Italia y en Piemonte’ (a.y. ‘02-’03).

Universidad Politecnica de Cartagena, Murcia, Spain. Lecturer – ‘Presentación de la facultad de agricultura de Torino’ (a.y. ‘02-’03).

In Italian

University of Turin, Italy – University of Genoa, Italy – University of Nice, France. Professor of ‘Protected Cultivations’. International University Degree ‘FloriMed’ (a.y. ‘98-’99).

National

Home University, in English

University of Turin. Professor of ‘Design and development of innovative food products’. Master Degree ‘Food Processing Science and Technology’. (a.y. 2019-2020; 2020-2021).

University of Turin – Italy. Professor of ‘Quality and Innovation of Vegetable Products. Master Degree ‘Food Processing Science and Technology’. (a.y. 2018-2019; 2019-2020).

Home University, in Italian

University of Turin – Italy. Professor of ‘Olericulture’. Master Degree on ‘Agricultural Science’ (a.y. 2020-2021).

University of Turin – Italy. Professor of ‘Advanced Culture Systems’. Master Degree on ‘Agricultural Science’ (a.y. 2020-2021).

University of Turin. Professor of ‘Plant Production: horticulture’. Advanced class for teachers (a.y. 2014-2015).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Post-harvest handling and quality of vegetables’. Master Degree on Agricultural Science (a.y. 2012-2013; 2013-2014; 2014-2015; 2015-2016; 2016-2017; 2017-2018; 2018-2019; 2019-2020).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Cropping Systems and Quality of Vegetable Crops’. Master Degree ‘Food Processing Science and Technology’. (a.y. 2002-2003; 2003-2004; 2004-2005; 2005-2006; 2006-2007; 2007-2008; 2008-2009; 2009-2010; 2012-2013; 2013-2014; 2014-2015; 2015-2016; 2016-2017; 2017-2018).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Nursery Production in Horticulture’. Bachelor Degree ‘Agricultural Science and Technology’ and Master Degree on ‘Agricultural Science’ (a.y. 2010-2011).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Cropping Systems and Quality of Vegetable Crops’. Master Degree ‘Agro-Ecology’ (a.y. 2004-2005; 2005-2006; 2006-2007; 2007-2008; 2008-2009; 2009-2010; 2010-2011).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Vegetable Crops’. Master Degree on ‘Agricultural Sciences’ (a.y. 2002-2003; 2003-2004; 2010-2011).

University of Turin – Italy. Faculty of Pharmacy. Professor of ‘Medicinal and Aromatic Plant Cultivation and Production’. University Degree on ‘Herbal Products’ (a.y. 1999-2000; 2000-2001). Bachelor Degree on ‘Herbal Products’ (a.y. 2001-2002; 2002-2003; 2004-2005; 2005-2006; 2006-2007; 2007-2008; 2008-2009; 2009-2010; 2010-2011; 2016-2017; 2017-2018; 2018-2019; 2019-2020; 2020-2021).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Vegetable Crops’. Bachelor Degree ‘Agricultural Sciences’ (a.y. 2002-2003; 2003-2004; 2007-2008; 2008-2009; 2009-2010; 2011-2012).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Production and Quality of Vegetables for catering’. Bachelor Degree on ‘Food processing for catering’ (a.y. 2002-2003; 2003-2004; 2004-2005; 2005-2006; 2006-2007; 2007-2008; 2008-2009; 2009-2010; 2011-2012).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Organic farming of Vegetable and Ornamental crops’. Bachelor Degree on ‘Organic Farming’ (a.y. 2002-2003; 2003-2004; 2007-2008; 2008-2009; 2009-2010).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Quality of Vegetable Products and their attitude to Processing’. Master Degree ‘Food Science, Technology and human Nutrition’ (a.y. 2006-2007; 2008-2009; 2010-2011; 2012-2013; 2014-2015).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Protected Cultivation’. Bachelor Degree on ‘Ornamental horticulture’ (a.y. 2008-2009).

University of Turin – Italy. Faculty of Agriculture. Professor of ‘Vegetable and Ornamental Crops’. Bachelor Degree on ‘Production in Fresh Produce’ (a.y. 2002-2003; 2003-2004; 2004-2005; 2005-2006; 2006-2007; 2007-2008; 2008-2009).
University of Turin – Italy. Faculty of Pharmacy. Professor of ‘The Production Chain of Medicinal and Aromatic Plants in the Piedmont Region’. Bachelor Degree on ‘Herbal Products’ (a.y. 2002-2003; 2003-2004; 2004-2005).
University of Turin – Italy. Faculty of Agriculture. Professor of ‘Propagation Techniques and Nursery Production of Vegetable and Ornamental Crops’. Master Degree ‘Agricultural and Technological Sciences’ (a.y. 2002-2003).
University of Turin – Italy. Faculty of Agriculture. Professor of ‘Hydroponics’. Bachelor Degree on ‘Ornamental horticulture and Landscaping’ (a.y. 2001-2002).
University of Turin – Italy. Faculty of Agriculture. Professor of ‘Vegetable crops – Quality of vegetables for the processing industry’. University Degree on ‘Food Processing’ (a.y. 1999-2000; 2000-2001). Bachelor Degree on ‘Food Processing’ (a.y. 2001-2002; 2002-2003).
University of Turin – Italy. Faculty of Agriculture. Professor of ‘Protected Cultivations’. Master Degree on ‘Biotechnology’ (a.y. 1999-2000; 2000-2001).
University of Turin – Italy. Faculty of Agriculture. Lecturer of ‘Statistics and Computer Science’. Master Degree on ‘Forestry’ (a.y. 1998-1999).
University of Turin – Italy. Faculty of Agriculture. Professor of ‘Hydroponics’. University Degree on ‘Ornamental production and nursery’ (a.y. 1997-1998; 1998-1999; 1999-2000; 2000-2001).
University of Turin – Italy. Faculty of Agriculture. Lecturer of ‘Vegetable Crops’. Master Degree on ‘Agricultural Sciences’ (a.y. 1990-1991; 1991-1992; 1992-1993).

Other Universities, in Italian

University of Palermo – Italy. Faculty of Agriculture. Professor of ‘Harvest and Postharvest Quality of Fresh Produce’. Master Degree ‘Quality Management, Certification and Safety of Agrifood Products’ (a.y. 2007-2008; 2011-2012; 2012-2013).
Dipartimento di Biologia delle Piante Agrarie, Università of Pisa. Italy. Workshop on ‘Morphology, growth and development of Lettuce Root System’ (Spring 1997).

Third Mission and Public & Social Engagement

Training of Trainers and Experts’ Meeting Experience

International

In English

Hokkaido University, Sapporo, Japan. Lecturer for Graduate students and Experts meeting. ‘Production and consumption of baby leaf vegetables’ (July 2019).
Hokkaido University, Sapporo, Japan. Lecturer for Experts meeting. ‘Consumer demand and production systems of baby-leaf vegetables’ (July 2019).
Hokkaido Research Organization (HRO). Donan Agricultural Experiment Station, Hokkaido Prefecture Hakkodate, Japan. Lectures to Extension agents on ‘Front research in soilless growing systems in leafy vegetable production’ (13 December 2016).
Hokkaido University, Sapporo, Japan. Researchers, Young and Experienced Scientists. Lectures on ‘Skill for International Activities’ (22 October 2015).
Japanese Society for Horticultural Science, Tokushima, Japan. Lectures to Researchers of the Asparagus working group on ‘Soilless culture systems for asparagus value chain’ (25 September 2015).
Hokkaido Research Organization (HRO). Hokkaido Ornamental and Vegetable Crops Research Center, Hokkaido Prefecture, Takikawa, Hokkaido Prefecture, Japan. Lectures to Extension agents on ‘Advanced soilless growing systems for standard, safe and premium leafy vegetable production’ (7 August 2015).
FAO; Ministry of Agriculture, Beirut, Lebanon. Training of Trainers Course: ‘Fruits & Vegetables Good Agricultural Practices’ (September 2010).
Ain Shams University, Cairo, Egypt. Lecturer, Training of Trainers: – ‘Horticulture in mild winter climate’ (November 2004).
Häme Polytechnic, Lepaa, Finland. Lecturer, Training of Trainers: – ‘Leafy vegetables grown in soilless culture systems’ (June 2004).

In Spanish

Universidad de Almería, Almería, Spain. 2015 Training Network Course. Poscosecha de frutas y hortalizas: una visión práctica de sostenibilidad, calidad y seguridad alimentaria. Lecturer. 'Enfoque sistemático de la calidad de los productos hortofrutícolas' (Quality in preharvest and postharvest in horticultural products) (November 2015).
Universidad de Oaxaca – Instituto Tecnológico del Valle de Oaxaca, Oaxaca, Mexico. Lecturer at the IV Curso Internacional de actualización en Horticultura Protegida, Training of Trainers: 1) 'Estatus de la industria de los invernaderos en Italia'. 2) 'Nuevos sistemas de cultivo hidropónico para hortalizas de hoja: bandejas flotantes y flujo y reflujo'. 3) 'Manejo Poscosecha de Hortalizas de hoja' (September 2007; 2008; 2009).

National

Safety Prevention Department, National Health System, Torino (TO), Italy. Training of Trainers: 'Controllo ed Autocontrollo nella produzione primaria: Tecniche irrigue in orticoltura e strategie di contenimento di rischio per la sicurezza alimentare nella produzione primaria' (Control and Self-control of Fresh Produce: Irrigation systems and Risk Management for Food Safety in Fresh Produce (November 2009).
Safety Prevention Department, National Health System, Fossano (CN), Italy. Training of Trainers: 'Analisi del Rischio nel Settore Ortofrutticolo' (Risk Analysis of Safety in Fresh Produce) (October 2006).
Safety Prevention Department, Safety and Nutrition Division, National Health System, Asti (AT), Italy. Training of Trainers: 'Tecnologie Alimentari e Rischi Emergenti: Produzione, lavorazione e conservazione degli ortaggi di IV gamma' (Production, Processing and Postharvest Shelf-life of Fresh-cut Produce: Food Science and Risk assessment and management) (October 2003).

Life Long Learning Programs for Professionals/Stakeholders

National

INIPA - Piemonte. Teaching in a Life Long Learning Program. Regional Development Fund Program. PSR 2014-20 Piemonte, Misura 1 Operazione 1.1.1 – bando 2018 Seminars: <i>Hydroponics</i> ("Orticoltura idroponica"), AL.PSR18.F5A008.35. 8 hours, Alessandria, Italy (15-16 February 2021).
INIPA - Piemonte. Teaching in a Life Long Learning Program. Regional Development Fund Program. PSR 2014-20 Piemonte, Misura 1 Operazione 1.1.1 – bando 2/2018 n. 61. Seminars: <i>New opportunities for the Medicinal and Aromatic Plants Sector</i> ("Nuove opportunità nel settore delle Piante Officinali ed Aromatiche"), AT.PSR18.F4A006.61. 4 hours, Asti, Italy (11 February 2020).
INIPA – NORD-OVEST. Teaching in a Life Long Learning Program. Regional Development Fund Program. PSR 2014-20 Piemonte, Misura 1 Operazione 1.1.1 – bando 2018 n. 112 di SAVIGLIANO. Seminars: <i>Medicinal and Aromatic Plants for landscape biodiversity</i> ("Piante Officinali e Aromatiche per la Biodiversità del Paesaggio"), CN.PSR18.F4A032.112. 4 hours, Savigliano (CN), Italy (13 March 2019).
INIPA - NORD-OVEST. Teaching in a Life Long Learning Program. Regional Development Fund Program. PSR 2014-20 Piemonte, Misura 1 Operazione 1.1.1 – bando 2018 n. 111 di FOSSANO. Seminars: <i>Medicinal and Aromatic Plants for landscape biodiversity</i> ("Piante Officinali e Aromatiche per la Biodiversità del Paesaggio"), CN.PSR18.F4A032.111. 4 hours, Fossano (CN) Italy, (13 March 2019).
Regional Extension Service for Horticulture. Life Long Learning Day 2017 (Giornata di aggiornamento 2017). Seminar: <i>The soilless culture systems</i> ("I sistemi colturali fuori suolo") Grugliasco, TO, Italy (12 June 2017).
Ordine dei Dottori Agronomi e dei Dottori Forestali della Provincia di Torino / Accademia dell'Agricoltura di Torino. Life Long Learning Day 2017 (Giornata di aggiornamento 2017). Seminar: <i>Fertilization of soilless culture systems</i> ("La fertilizzazione nei sistemi colturali fuori suolo") Grugliasco, TO, Italy (24 February 2017).
Ordine dei Dottori Agronomi e dei Dottori Forestali della Provincia di Cuneo. Life Long Learning Day on 2014, year of family agriculture (Giornata di aggiornamento su: 2014: Anno Internazionale dell'Agricoltura Familiare). Seminar: <i>Urban and peri-urban horticulture: sustainable and smart management</i> ("Orticoltura in ambiente urbano e peri-urbano: Idee per una corretta e sostenibile gestione") Cuneo, Italy (28 November 2014).
Federazione Interregionale degli Ordini dei Dottori Agronomi e Dottori Forestali del Piemonte e della Valle d'Aosta. Life Long Learning Day on Agronomical Strategies for food security (Giornata di aggiornamento su: Strategie agronomiche per la sicurezza alimentare). Seminar: <i>Risk prevention and management in horticulture</i> ("Strategie Agronomiche per la Sicurezza Alimentare: Rischi e Prevenzione in Orticoltura") Grugliasco – TO, Italy (12 June 2014).
INIPA - Coldiretti Asti. Teaching in a Life Long Learning Program. <i>Alternative species for hilly areas</i> ("Colture alternative per le aree di collina: Introduzione al settore officinale") 4 hours, Asti, Italy (17 January 2014).

INIPA - Coldiretti Cuneo. Planning and organization of a Life Long Learning Program, year 2004. *Cultivation and market of medicinal and aromatic plants* ('Coltivazione e mercato delle erbe officinali').

Three courses of 16 hr

Comunità' Montana Mongia, Cevetta e Langa Cebana. Planning and organization of a Life Long Learning Program.

Year 2003:

Course: *Case studies of cultivation of vegetables, herbs, medicinal and aromatic species in the regions of 'Comunità Montana Valli Mongia Cevetta e Langa Cebana'* ("Casi studio di specie orticolo-officinali nella Comunità Montana Valli Mongia Cevetta e Langa Cebana"). 40 hr, practical training

Course: *Technical and regulatory aspects for producing herbs and product quality* ("Aspetti tecnici e normativi per la produzione di piante officinali in campo e qualità dei prodotti"). 40 hr classroom + 40 hr practical training.

Year 2002:

Course: *Undergrowth resources* ("Il sottobosco: fonte di risorse naturali"). 36 hr classroom + 24 hr practical training.

Course: *Medicinal and Aromatic plants: cultivated and wildcrafted species* ("Piante officinali coltivate e spontanee - loro utilizzo") 36 hr classroom + 24 practical training

Knowledge Transfer and Dissemination activities

Research Forum - Frida


1. Nicola, S., Petrini, A., Ertani, A. Filiere corte e smart: da necessità in tempo di Covid a soluzione per il futuro? Proposte di Lettura 'La Salute in un Boccone'. Racconti di Ricerca 'Alimentazione e Salute'. http://frida.unito.it/wn_pages/contenuti.php/749_cibo-agricoltura-e-allevamenti/474_filiere-corte-e-smart-da-necessit-in-tempo-di-covid-a-soluzione-per-il-futuro/
2. Nicola, S., Petrini, A., Ertani, A. Fattorie tecnologiche in città: cibo alla portata di tutti a zero rifiuti e zero emissioni. Proposte di Lettura 'La Salute in un Boccone'. Racconti di Ricerca 'Alimentazione e Salute'. https://frida.unito.it/wn_pages/contenuti.php/373_economia-finanza-e-management/475_fattorie-tecnologiche-in-citt-cibo-alla-portata-di-tutti-a-zero-rifiuti-e-zero-emissioni/

Publications

1. Spaziani E., Chiavazza P., Nicola S., Ertani A. 2021. Moltiplicare la menta ecco le modalità ottimali. *Culture Protette* 1: 38-42
2. Petrini A., Nicola S., Ertani A. 2020. Le potenzialità del basilico non solo in serra e non solo Dop. *Terra e Vita* 37: 48-49.
3. Ertani, A., Petrini, A., Pelissetti, S., Nicola, S. 2020. Il caso del Basilico Genovese DOP. *Culture Protette*, 02, 48-51.

I hereby authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".

Torino, 25 May 2021


Silvana Nicola