

Curriculum vitae Testa Antonino

PERSONAL INFORMATION

Testa Antonino

Researcher unique identifiers: <https://orcid.org/0000-0003-3983-2448>; H-6864-2012

Nationality: Italian

EDUCATION

1999 **PhD in Plant Pathology**, Faculty of Agricultural Science, University of Naples Federico II, Italy

CURRENT POSITION

2022 – **Associate professor** in Plant Pathology, Department of Agricultural Science, University of Naples Federico II, Italy

2020 – **Associated** at the Institute for Sustainable Plant Protection, National Research Council, Portici, Naples, Italy

PREVIOUS POSITIONS

2007 – 2022 Position held: **Aggregate professor** in Plant Pathology, Department of Agricultural Science, University of Naples Federico II, Italy

2004 – 2007 Position held: Researcher/Lecturer at Italian Ministry of University and of Scientific and Technological Research “Incentive for the return of scientists from abroad to Italy - **Return of the Brains**” at Institute of Biochemical Biotechnology, Polytechnic University of Marche, Ancona, Italy.

1999 – 2003 Position held: **Post-Doctoral Researcher**, Department of Plant Pathology, “The Ohio State University”, Columbus, OH, USA

1993 – 1994 Position held: Army Second Lieutenant, Engineers Corp, Ministry of Defence, Italy.

FELLOWSHIPS

2016 Award received from the President of the Italian Republic, distinction of “Knight of Order of Merit of the Italian Republic”, in recognition of the technical-scientific support to members of the Environment Commission of the Senate of the Republic.

2003 Research Fellow, Dept. of Agricultural Biotechnology University of Firenze

2003 Award received from Scientific board of the "Third European Symposium on Aerobiology", Worcester UK, 30 August - 4 September 2003

1995 – 1999 Scholarship, Research Doctorate in Plant Pathology (XI series), University of Naples Federico II, Italy

• ORGANISATION OF SCIENTIFIC MEETINGS

Chairman, Scientific committee, *Phytophthora* Molecular Genetic Symposium: Beyond Y2K, Wooster OH, USA 13-14 November 1999;

Scientific committee, OARDC Annual Conference 2000 Biotechnological, Agricultural and Land Grant University Wooster OH, USA, 27 April 2000;

Scientific committee, Oomycete Genetics 2001 Wooster OH, USA, 16-17 July 2001;

Scientific coordinator, Conference of Biotechnology and Bioremediation. Italian Institute for Philosophical Studies, Palazzo Serra di Cassano Napoli. 07 December 2013;

Scientific coordinator, Workshop Biotechnology and soil recovery. Roma, Senate of Italian Republic, 7 February 2014;

Scientific committee, Advanced Research in Scientific Areas - ARSA 2015, November 9-13;

Scientific committee, The 4th International Global Virtual Conference - GV 2016, April 18-22;

Scientific committee, The 6th QUAESTI Scientific Conference - Multidisciplinary Studies and Approaches. December 10-15, 2018

INSTITUTIONAL RESPONSIBILITIES

2014 – current Faculty at the Department of Agricultural Sciences, University of Naples Federico II, Italy.

2007 – 2014 Member of Board of International PhD in Environmental Resource Sciences, Doctorate School in Agricultural and Agri-food Sciences, University of Naples Federico II, Italy, and Universidad de La Frontera, Temuco, Chile.

2007 – 2014 Faculty and Graduate Student Advisor at the School of Biotechnological Sciences, University of Naples Federico II, Italy.

- 2003 – 2007 Graduate Student Advisor, Institute of Biochemical Biotechnology, Polytechnic University of Marches, Ancona, Italy.
- 1999 – 2003 Graduate Student Advisor, Department of Plant Pathology, “The Ohio State University”, Columbus, OH, USA

MAJOR COLLABORATIONS

- Pierluigi Bonello, *Phytophthora* spp. epidemiology, Dept. of Plant Pathology, The Ohio State University, Ohio, USA;
- Santa O. Cacciola, *Phytophthora infestans* populations, Dept. of Agriculture, Food and Environment, University of Catania, Italy;
- Elisavet Chatzivassiliou, field diagnostics, Dept. of Crop Science, Agricultural University of Athens, Grecia;
- Francine Govers, *Phytophthora infestans* genetic mapping, Dept. of Phytopathology, Wageningen University and Research Center, Netherlands;
- Sophien Kamoun, *Phytophthora*-plant functional genomics, The Sainsbury Laboratory, Norwich Research Park, Norwich, UK;
- Maurilia M. Monti, biomasses fermentation, bioremediation, plant defense, Institute for Sustainable Plant Protection, CNR, Portici (NA), Italy;
- Yuji Nagata, bioremediation and environmental microbiology, Dept. of Life Sciences, Graduate School of Life Sciences, Tohoku University, Sendai, Japan
- Paolo A. Pedata, biomasses fermentation and composting, bioremediation, plant defense, Institute for Sustainable Plant Protection, CNR, Portici (NA), Italy;
- Olimpia Pepe, biomasses fermentation and composting, bioremediation, Dept. of Agricultural Sciences, University of Naples Federico II, Portici, Naples, Italy;
- Silverio Ruggieri, *Phytophthora*-plant molecular interactions, Dept. Biochemical Biotechnologies, Polytechnic University of Marches, Ancona, Italy.
- Sébastien Saint-Jean, pathogen water dispersal, UMR "Environnement et Grandes Cultures", INRA & INA P-G, Thiverval - Grignon, France;
- Theo van der Lee, *Phytophthora infestans* DNA-fingerprinting, Plant Research International Biointeractions & Plant Health, Wageningen University and Research Center, Netherlands;
- Anna M. Vettrai, forest disease, Dept. for Innovation in Biological, Agro-food and Forest systems, University of Tuscia, Viterbo, Italy.

GRANTS

<i>Project Title</i>	<i>Funding source</i>	<i>Amount €</i>	<i>Period</i>	<i>Role</i>
“Degradazione microbica di xenobiotici di natura organica o inorganica in suoli contaminati”	Regione Campania	50.530	2009-2012	PI, Scientific coordinator
Responsabile Scientifico del Progetto “Genomica strutturale e funzionale in microrganismi coinvolti nella degradazione di inquinanti organici”	Regione Campania	19.900	2010-2011	PI, Scientific coordinator
MICOMAS - “Impiego di funghi micorrizici arbuscolari nel comparto maidicolo-foraggero della Piana del Volturno”	Regione Campania. Misura 124 PSR 2007/2013	423.530	2012-2015	PI
Compost di qualità in azienda per la gestione dei sistemi produttivi	trasferimento tecnologico – tipologia progettuale: dottorati di ricerca in azienda	50.530	2012-2016	PI, Scientific coordinator
“Identificazione di organismi e di geni e relativi enzimi da impiegare nel risanamento di ambienti acquatici e terrestri”	“Progetti Pilota” F.E.P. - 2007/2013 MISURA 3.5	196.000	2016	PI
CompEcoCast “Compostaggio in situ per la tutela, la valorizzazione e la gestione Ecosostenibile dei Castagneti”	PSR 2014/2020 Misura 16.1.1 Regione Campania	157.701,10	2019	PI, Scientific coordinator
Adaptation mechanism of insect holobiont toward xenobiotics and its application to novel pentachlorophenol biodegradation systems	Joint bilateral agreement CNR - JSPS (Japan)	16.000,00	2020-2021	Team Member
Vineyards management strategy led by data analysis	Bilateral agreement University of Naples Federico II - University San Juan Bautista, Lima, Perú	9000	2019-2023	Team Member

Track-record

Professor Testa began his academic career as post-Doctoral researcher at Department of Plant Pathology “The Ohio State University”, USA, in November 1999, department chairperson Prof. Randall C. Rowe. During the academic year 2001-2002, **as foreign Lecturer**, he held a course of “Molecular biology applied to the phytosanitary management of agricultural crops” Faculty of Agriculture, University of Ancona. From this experience derived a Research and Teaching position at the Institute of Biochemical Biotechnology, “Polytechnic University of Marches”, director Prof. Giulio Magni. Position funded by a grant from the Italian Ministry of University and of Scientific and Technological Research “Incentive for the return of scientists from abroad to Italy - **Return of the Brains**”.

In 2007, as a result of a public competitive exam, he become **faculty**, permanent position, at School of Biotechnological Sciences, University of Naples Federico II.

Microbiological and molecular characterization of oomycetes and fungi pathogens on crop and woody plants in natural ecosystems represent the continuous scientific activity. Parasites present in the Centre-South of Italy are characterized based on their sexual compatibility, resistance to fungicides, race composition, interaction with the different hosts. Characterization is completed by molecular techniques based on fingerprinting techniques.

The gene expression is analyzed by attempting to elucidate the host/nonhost-parasitic interaction through the study of the transcriptome in the *Phytophthora* spp.-plant (Tomato, Potato and *Nicotiana* spp) systems. This study revealed the existence in *P. infestans* of five genes able to induce hypersensitivity responses when expressed in plants. Three of these genes do not have any homologue in the databank. Their *in vivo* activity was evaluated through the study of the Pathogenesis Related-protein (PR) induction, Hypersensitive Response (HR) markers and the modification of host susceptibility.

Fluorescent strains and mathematical models have been used in a novel technique for building models, that describe the rain action on plant pathogens dispersion.

Proteins, enzymes and genes involved in the host- pathogen recognition, are studied to detect active molecules in the host-pathogen recognition process, particularly in Oomycetes of the genus *Phytophthora*. The activity of native and transformed proteins are evaluated on host and non-host plants and the induced responses are characterized.

The sequencing of complete genomes and databases (EST), allowing the computer analysis to search for specific sequences tools are used to identify molecular markers (Simple Sequence Repeat) for innovative population studies.

Naturally selected microorganisms are identified in contaminated soils and characterized specifically with respect to storage and degradation capacity of organic molecules and metal pollutants. In order to know the impact of organic and inorganic xenobiotics present or released into the environment and the effect on the quality of soils and therefore of present and future crops, biological indicators assessed.

The fate of these xenobiotics in contaminated soils of the Campania region are reconstructed on a laboratory scale using well-characterized agricultural soils contaminated by compounds recalcitrant to natural degradation processes, such as polycyclic aromatic hydrocarbons and polychlorophenols, and some metals with significant environmental impact. The processing capacity of these substances by naturally selected microorganisms on contaminated substrates or allochthonous microorganisms with known degradation capacity is consequently evaluated.

Publications total n. 115

Q Scimago

H index	Scopus 14	Publons 14	Scholar 19
Citation	Scopus 883	Publons 943	Scholar 1.725

IF JCR total 62.035, averaged 2.358

Peer-reviewed articles

1. Cristinzio G. e Testa A. 1997. Occurrence of the A2 mating type and Self isolates of *Phytophthora infestans* in Italy. *J. of Plant Pathology* [impact factor 0.647] 79: 121-123.
2. Cristinzio G. e Testa A. 1999. In vitro evaluation of resistance of potato cultivars to *Phytophthora infestans*. *Potato Research* [impact factor (1994) 0.301] 42: 101-105. Q3
3. Van Der Lee T.A.J., Robold A., Testa A., van Klooster J.W. and Govers F. 2001. Mapping of avirulence genes in *Phytophthora infestans* with Amplified Fragment Length Polymorphism markers selected by bulked segregant analysis. *Genetics* [impact factor 4.289] 157: 949–956. Q1
4. Van Der Lee T.A.J., Testa A., van 't Klooster J.W., van den Berg-Velthuis G. and Govers F. 2001. Chromosomal deletion in isolates of *Phytophthora infestans* correlates with virulence on R3, R10 and R11 potato lines. *Molecular Plant-Microbe Interactions* [impact factor 3.928] 14: 1444–1452. Q1
5. Torto T. A., Testa A., Styer A., Morgan W. R., Kinney D., Huitema E., Hamada W., Dong S., and Kamoun S. 2002. Applying the Sequence-to-Phenotype Functional Genomics Paradigm to *Phytophthora*. In: *Biology of Plant-Microbe Interaction*, vol.3. Ed: S.A. Leong, C. Allen, and E.W. Triplett pp331-335, ISBN 0-9654625-2-8.
6. Kamoun S., Dong S., Hamada W., Huitema E., Kinney D., Morgan W. R., Testa A., Torto T. 2002. From sequence to phenotype: Functional genomics of *Phytophthora*. *Canadian J. of Plant Pathology* [impact factor 1.066] 24: 6–9. Q1
7. Torto T. A., Li S., Styer A., Huitema E., Testa A., Gow N.A.R., van West P., and Kamoun S. 2003. EST Mining and Functional Expression Assays Identify Extracellular Effector Proteins from the Plant Pathogen *Phytophthora*. *Genome Research* [impact factor 10.139] 13: 1675-1685. Q1
8. Van Der Lee T.A.J., Testa A., van 't Klooster J.W. and Govers, F. 2004. High density mapping in *Phytophthora infestans* reveals trisomic progeny and chromosomal rearrangements. *Genetics* [impact factor 4.289] 167: 1643-1661. Q1
9. Randall T.A., Dwyer R.A., Huitema E., Beyer K., Cvitanich C., Kelkar H., Fong A.A., Gates K., Roberts S., Yatzkan E., Gaffney T., Law M., Testa A., Torto T., Zhang M., Zheng L., Mueller E., Windass J., Binder A., Birch P.R.J., Gisi U., Govers F., Gow N., Mauch F., van West P., Waugh M., J Yu., Boller T., Kamoun S., Lam S.T., and Judelson H.S. 2005. Large-scale gene discovery in the oomycete *Phytophthora infestans* reveals likely components of phytopathogenicity shared with true fungi. *Molecular Plant-Microbe Interactions* [impact factor 3.928] 18: 229-243. Q1
10. Saint-Jean S.*, Testa A.*, Kamoun S., Madden L. 2005. Use of green fluorescent protein marker for studying splash dispersal of sporangia of *Phytophthora infestans*. *European J. of Plant Pathology* [impact factor 1.534] 112: 391-394. Q1
“Most Viewed Article”. *First and second authors equally contributed to the paper.
11. Testa A., Schilb M., Lehman J. S., Cristinzio G., Bonello P. 2005. First Report of *Phytophthora insolita* and *Phytophthora inflata* on *Rhododendron* in Ohio. *Plant Disease* [impact factor 1.479] 89: 1128. Q1
12. Saint-Jean S., Testa A., Madden L. V., Huber L. 2006. Relationship between pathogen splash dispersal gradient and Weber number of impacting drops. *Agricultural and Forest Meteorology* [impact factor 2.811] 141: 257–262. Q1
13. Fiocchetti F., D'Amore R., De Palma M., Bestini L., Caruso C. Caporale C., Testa A., Cristinzio G. Saccardo F., Tucci M. 2008. Constitutive over-expression of two wheat pathogenesis-related genes enhances resistance of tobacco plants to *Phytophthora nicotianae*. *Plant Cell, Tissue & Organ Culture* [impact factor 1.028]. 92: 73-84. Q2
14. Capasso R., Di Maro A., Cristinzio G., De Martino A., Chambery A., Daniele A.,

- Sannino F., Testa A., Parente A. 2008 Isolation, characterization and structure-elicitor activity relationships of hibernalin and its two oxidized forms from *Phytophthora hibernalis* Carne 1925. *Journal of Biochemistry* [impact factor 2.020] 143: 131-141. Q1
15. Evidente A., Cristinzio G., Punzo B., Andolfi A., Testa A. and Motta A. 2009 Flufuran, an Antifungal 3,5-Disubstituted Furan Produced by *Aspergillus flavus* LINK. *Chemistry & Biodiversity* [impact factor 1.420] 6: 328-334. Q2
 16. Li Y., Govers F., Mendes O., Testa A., Jacobsen E., Van Der Lee T.A.J., 2010. A new set of highly informative SSR markers for *Phytophthora infestans* population analysis assembled into an efficient multiplex. *Molecular Ecology Resources*. [impact factor 1.251] <http://tomato.biol.trinity.edu/manuscripts/10-6/mer-09-0406.pdf>. Q2
 17. Faino L., Carli P., Testa A., Cristinzio G., Frusciante L., Ercolano M.R. 2010. Potato R1 resistance gene confers resistance against *Phytophthora infestans* in transgenic tomato plants. *European Journal of Plant Pathology* [impact factor 1.931] 128: 233-241. Q1
 18. Andree K., et al. 2010. Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2010-31 May 2010. *Molecular Ecology Resources* [impact factor 1.251] 10: 1098-1105. Q2 43312
 19. Bosso L., Hechmi N., Scelza R., Testa A., Rao M.A., Cristinzio G. 2011. Fungi used in the bioremediation of pentachlorophenol and biological control of important plant pathogens. *Journal of Plant Pathology*. [impact factor 0.912] 2011 s4.13-s4.13. Q3
 20. Ventrino V., Parillo R., Testa A., Aliberti A., Pepe O. 2013 Chestnut Biomass Biodegradation for Sustainable Agriculture. *BioResources* [impact factor 1.550] 8:4647-4658. Q1
 21. Bosso L., Scelza R., Testa A., Cristinzio G., M.A. Rao. 2015. Depletion of Pentachlorophenol Contamination in an Agricultural Soil Treated with *Byssochlamys nivea*, *Scopulariopsis brumptii* and Urban Waste Compost: A Laboratory Microcosm Study. *Water Air and Soil Pollution* [impact factor 1.690] 226:183. Q2
 22. Ventrino V., Parillo R., Testa A., Viscardi S., Espresso F., Pepe O. 2016. Chestnut green waste composting for sustainable forest management: Microbiota dynamics and impact on plant disease control. *Journal of Environmental Management* [impact factor 2.723] 166: 168-177. Q1
 23. Bosso L., Scelza R., Varlese R., Meca G., Testa A., Rao M.A., Cristinzio G. 2016. Assessing the effectiveness of *Byssochlamys nivea* and *Scopulariopsis brumptii* in pentachlorophenol removal and biological control of two *Phytophthora* species. *Fungal Biology* [impact factor 2.244] 120: 645–653. Q1
 24. Chatzivassiliou E. K., Giakountis A., Testa A., Kienle U., Jungbluth T. 2016. Natural Infection of *Stevia rebaudiana* by Cucumber Mosaic Virus in Spain and by *Sclerotium rolfsii* in Greece. *Plant Disease* [impact factor 3.020] 100:1029. Q2
 25. Parillo R., Ventrino V., Pepe O, P.C. Rivas, Testa A. 2017 Use of Compost from Chestnut Lignocellulosic Residues as Substrate for Tomato Growth. *Waste and Biomass Valorization*. [impact factor 1.337] 8:2711-2720. Q2
 26. Vettraino A.M., Bianchini L., Caradonna V., Forniti R., Goffi V., Zambelli M., Testa A., Vinciguerra V., Botondi R. 2019. Ozone gas as a storage treatment to control *Gnomoniopsis castanea* preserving chestnut quality. *Journal of the Science of Food and Agriculture* [impact factor: 2.422] 99: 6060–6065. Q1
 27. Romano I. Ventrino V., Ambrosino P., Testa A., Chouyia F. E., Pepe O. 2020. Plant probiotic activities by *Kosakonia pseudosacchari* a new promising bacteria for bioinoculant production. *Frontiers in Microbiology*. [impact factor: 4.235] 11:1-14. Q1
 28. Di Mola I., Conti S., Cozzolino E., Melchionna G., Ottaiano L., Testa A., Sabatino L., Roupheal Y., Mori M. 2021. Plant-based protein hydrolysate improves salinity tolerance in hemp: Agronomical and physiological aspects. [impact factor: 3.417] ISSN: 2073-4395, *Agronomy*, 11:1 - 18, doi: 10.3390/agronomy11020342. Q1
 29. Di Vaio C., Testa A., Cirillo A. and Conti S. 2021. Slow-release fertilization and *Trichoderma harzianum*-based biostimulant for the nursery production of young olive trees (*Olea Europaea* L.) ISSN:1406-894X *Agronomy Research* <https://doi.org/10.15159/AR.21.143>. Q2
 30. Saville A. C., La Spada F., Faedda R., Migheli Q., Scanu B., Ermacora P., Gilardi

G., Lenzi N., Testa A., Bechir Allagui M., Moumni M., Dongiovanni E., Zohra Rekad F., Cooke D.E.L., Pane A., Cacciola S.O., Ristaino J.B. 2021. Population structure of *Phytophthora infestans* collected on potato and tomato in Italy. *Plant Pathology*. [impact factor: 2.590] 70:2165–2178. Q1

Book chapters, and *in extenso* publications

31. Cristinzio G., Testa A., Iannini C. 1996. Influenza di quattro portainnesti sulla resistenza della cultivar falanghina alla muffa grigia. Atti del convegno “Nuovi orientamenti per la difesa integrata dell’uva da tavola e da vino”, Latina, 14 dicembre 1996, 110-116.
32. Govers F., Testa A., Van Der Lee T.A.J. 1998. AFLP linkage map of the oomycete *Phytophthora infestans*. Second International Symposium on Fungal Genomics. Georgia Center for Continuing Education, Athens USA, 26-27 marzo 1998.
33. Cristinzio G., Testa A. 1998. Suscettibilità al Metalaxyl e al Dimetomorf di isolati di *Phytophthora infestans* in Italia. Atti Giornate Fitopatologiche, Scicli e Ragusa, 3-7 maggio 1998, 643-648.
34. Cristinzio G., Testa A., Pugliano P. 1998. Razze di *Phytophthora infestans* presenti in Italia. *Informatore Fitopatologico* 9: 49-51.
35. Cristinzio G., Testa A. 1998. Research on physiological races of *Phytophthora infestans* in Italy. Proceedings of the Workshop on the “European Network for Development of an Integrated Control Strategy of Potato Late Blight”, Uppsala Svezia, 9-13 settembre 1998, 271-274.
36. Testa A., Cristinzio G. 1999. Characterization of Italian strains of *Phytophthora infestans* with the AFLP technique. 14th Conference "European Association for Potato Research", Sorrento, 2-7 maggio 1999, 60-61. Lavoro selezionato per presentazione orale.
37. Cristinzio G., Testa A., De Luca S. 1999. Status of *Phytophthora infestans* in Italy: mating type, race structure, metalaxyl-resistance. 14th Conference "European Association for Potato Research", Sorrento, 2-7 maggio 1999, 497-498.
38. Persi G. e Testa A. 1999. Caratteristiche geo-pedologiche e diffusione del Mal dell'inchiostro del castagno in località Croce Moschitto, Comune di Sezze (LT). Atti Convegno Nazionale su "Il Mal dell'Inchiostro del Castagno", Sersale, 1-2 ottobre 1999, 87-90.
39. Cristinzio G., Testa A., Severino E., De Vivo A. 2005. Suscettibilità di 12 cultivar di *Castanea sativa* a *Phytophthora cinnamomi*. *Informatore Fitopatologico*, 12: 43-45.
40. Cristinzio G., Testa A. 2005. Principali malattie crittogamiche sui vari organi del Castagno. *Italus Hortus* 12: 21-23.
41. Cristinzio G., Scalise A., Scalzi T. e Testa A. 2005. Esperienze di lotta agronomica, biologica, chimica e genetica al mal dell'inchiostro del castagno nella Presila Catanzarese. IV Convegno Nazionale Castagno, Montella (Av) 20-22 ottobre 2005. 232-234.
42. Cristinzio G., Testa A., Maione G., De Vivo A. 2005. Suscettibilità di *Quercus Ilex* a 4 specie di *Phytophthora*. *Annali della Facoltà di Agraria – 2005*. Università degli Studi di Napoli Federico II, Portici. 2:97-104.
43. Testa A., Rinaldi A. e Cristinzio G. 2006. Cenni storici e diffusione. In: “La Filiera del Castagno in Campania” pubblicato dalla Regione Campania. Ed: Testa A., Cristinzio G., 14-35, ISBN 978-88-95230-009.
44. Cristinzio G., De Vivo A., Spigno P., Pezzella M., Bianco M., e Testa A. 2006. Controllo biologico del cancro della corteccia del castagno In: “La Filiera del Castagno in Campania” pubblicato dalla Regione Campania. Ed: Testa A., Cristinzio G., 220-223, ISBN 978-88-95230-009.
45. Testa A., Cristinzio G., e Grassi G. 2006. Avversità e danni di natura non parassitaria. In: “La Filiera del Castagno in Campania” pubblicato dalla Regione Campania. Ed: Testa A., Cristinzio G., 230-239, ISBN 978-88-95230-009.
46. Cristinzio G., Testa A., Bosso L., Mastroianni G. 2010. Sensibilità di 4 cv di olivo a *Spilocaea oleagina*. *Italus Hortus*, 17: 18-21. ISSN 1127-3496.
47. Bosso L., Testa A., Cristinzio G. 2011. *Trametes versicolor*: da fitoparassita a farmaco antitumorale e agente di bioremediation. *Biologi Italiani* pp 38-42, ISSN: 0392-2510.
48. Di Matteo A., Monti M.M., Pedata P.A., Van Der Lee T.A.J., Rao M.A., Testa A.

2012. Candidate genes for engineering plants degrading polycyclic aromatic hydrocarbons. Proceedings of the 56th Italian Society of Agricultural Genetics Annual Congress. Perugia, Italy – 17/20 September, 2012. ISBN 978-88-904570-1-2.
49. Ventorino V., Parillo R., Testa A., and Pepe O. 2012. Microbiological and physico-chemical characterization during chestnut composting for sustainable fertilization. ARSA-2012 - Virtual International Conference on Advanced Research in Scientific Fields – Ecology. Slovakia, 3 – 7 dicembre, 2012. ISBN 978-80-554-0606-0.
50. Di Matteo A., Monti M.M., Rao M.A., Pedata P.A., Van Der Lee T.A.J., Testa A. 2012. A genomic approach for identification of fungal genes involved in pentachlorophenol degradation. ARSA-2012 - Virtual International Conference on Advanced Research in Scientific Fields – Ecology. Slovakia, 3 – 7 dicembre, 2012. ISBN 978-80-554-0606-0
51. Grassi G., Paladino E., Lombardo D., Mazzoleni S., Saracino A., Chirico G.B., Cona F., Cristinzio G., Testa A., Nocentini S., Bottalico F., Brundu P., Travaglini D., Ciancio O., Ottaviani C. Piano Piano Forestale Generale 2009-2013 Regione Campania Sviluppo Attività Settore Primario www.agricoltura.regione.campania.it/piano_forestale/pdf/PFG_2009_2013.pdf.
52. Monti M.M., Pedata P.A., Van Der Lee T.A.J., Testa A., Di Matteo A., Rao M.A. 2013. Investigating candidate genes for Pentachlorophenol detoxification in *Drosophila melanogaster*. Proceedings of the Global Virtual Conference. April, 8. - 12. 2013 ISBN: 978-80-554-0649-7
53. Di Matteo A., Di Mauro D., Sellitto S., Monti M. M., Pedata P. A., Van der Lee T. A. J., Rao M. A., Testa A. An approach of plant genetic engineering for pentachlorophenol remediation. In: Italian Society of Agricultural Genetics 2013. Proceedings of the 57th Italian Society of Agricultural Genetics Annual Congress Foggia. p. 9.12, Italian Society of Agricultural Genetics, ISBN: 9788890457036
54. Melchionna G., Conti S., Testa A. 2019. L'olivo: 6000 anni di storia, miti e leggende. In: Frammenti di esperienze. A cura di Robbotti A. ISBN 978-8869941986
55. Testa A., Conti S., Formato A., Melchionna G., Monti M. M., Pedata P. A. 2019. “Laboratorio Valloni”: idee per preservare la biodiversità. In: I Valloni della Penisola Sorrentina Editore Michele Guglielmo ISBN: 979-12-200-5164-4
56. Melchionna G., Rinaldi A., Conti S., Vellante S., Testa A. 2019. Sostenibilità Ambientale, Agricoltura e Qualità del Cibo. Translational Medicine @UniSa. ISSN 2239-9747. http://www.translationalmedicine.unisa.it/conferences/educazione_alimentare

59 conference communication

16 oral presentations

9 invited speaker