

Curriculum vitae Prof.ssa Gabriella Cirvilleri

EDUCATION AND PROFESSIONAL CAREER

Full Professor (since 2016) of Plant Pathology, University of Catania, Department of Agricoltura, Alimentazione e Ambiente, section Plant Pathology. High School (Classics, 1978); graduated (cum laude) Faculty of Agriculture, Catania (1984); PhD (1986-1989), Researcher (1994-2001), Associate Professor (2001-2016).

INSTITUTIONAL ROLES

2018-2021	Member of the National Scientific Qualification Commission (ASN) for the competition sector 07/D1 - Plant Pathology and Entomology
2014-present	Member of Council of Cutgana – University center for the protection and management of natural environments and agro-ecosystems- University of Catania
2013–2023	Member of International PhD course “Agricultural, Food and Environmental Science” University of Catania
2013–2018	Responsible for the "Re-examination Group" of Degree Course "Agricultural Science and Technology", University of Catania
2010-2012	President of Integrated Degree Course "Agricultural Science and Technology", University of Catania.
2008-2010	President of the Degree Course "Agricultural Science and Technology", University of Catania.
2009-2011	Coordinator of the International PhD course "Phytopathology and defence of agroecosystems", University of Catania.
2004-2009	Coordinator of the PhD course "Phytopathology", University of Catania
2009-2013	Member of the Scientific Committee of University of Catania, appointed as representative of Area 07, Agricultural Sciences and Veterinary.
2010-2012	Member of Scientific Committee of the "Center for the update of the professions and for innovation and technology transfer-CAPITT" University of Catania.
2005-2007	Member of the Council of the Italian Phytopathological Society.
2004-2010	Member of the Council of the Department of Phytopathology Science and Technologies (DISTEF) as a representative of the Associate Professors.
2006-2008	President of the Technical-Operative Commission regulating the framework agreement between the University of Catania and the Science and Technology Park of Sicily
2003-2004	Member of the Organizing Committee of the University Master's Degree in "Biotechnologies for quality and safety of food and agricultural products."
2001	Member of the Scientific Commission MIPAF "Environmental impact assessment of GMOs in the open field",
2000-2005	Member of PhD course "Phytopathology", University of Catania
1999-2001	Member of the Council of the Department of Phytopathology Science and Technologies (DISTEF) as a representative of the Researches

INTERNATIONAL ASSIGNMENTS

2018-2022	Management Substitute member Cost" EuroXanth: integrating science on Xanthomonadaceae for integrated plant disease management in Europe (EuroXanth) CA16107
1997-2001	Management Committee member of COST 830 (Microbial inoculants in agriculture and the environment).

TEACHING at MSc and BC (1993-present).

Biological control of plant pathogens, Postharvest plant pathology, Diagnostics, Phytobacteriology, "Phytopathological Technologies, Biological and integrated plant disease control, Plant Pathology, Diseases of ornamental plants and forest, , Integrated pest management, Soil Microbiology, Physiopathology.

FELLOWSHIPS:

1997	Visiting Scientist - Department of Plant and Microbial Biology, Berkeley, California (grant CNR-NATO) 6 months
1992	Visiting Research - Department of Plant Pathology, Berkeley, California (grant CNR-NATO) 4 months
1989	Visiting Research - Department of Plant Pathology, Berkeley, California (, PhD fellowship) 6 months
1988	Visiting Research - Dipartimento di Biologia Cellulare dell'Università di Camerino (PhD fellowship) 4 months

MAIN FIELD OF RESEARCH.

Research activity is documented in more than 200 scientific papers published in national and international journals and congress presentations regarding bacteriology, biological control of pre- and post-harvest diseases; molecular characterization and diagnosis of plant pathogenic bacteria and fungi; risk assessment; plant-pathogen interaction.

REFEREE

Journal of Plant Pathology, European Journal of Plant Pathology, Biological Control, Food Microbiology, BioControl, Biocontrol Science and Technology, Agricultural and Food Science, Phytopathologia Mediterranea, Postharvest biology and Technology

RESPONSABLE FOR THE FOLLOWING RESEARCH PROJECTS

2020-2022	Responsible "Contribution Bando CHANCE", Piano per la ricerca 2016-18 –University of Catania
2018-2022	Responsible of Research Unit Project H2020 "Organic Plus" Pathways to phase-out contentious inputs from organic agriculture in Europe.
2011-2014	Responsible of Education Project MIUR-PON 01_01611 "Sustainability of the production of pot plants in the Mediterranean environment" (SO.PRO.ME.)
2011-2013	Responsible of Research Unit OR2 "Evaluation of susceptibility to fungal pathogens of rootstocks tolerant to Tristeza and development of sustainable control strategies ", Technical-Scientific Convention, Sicilian Region
2008-2012	Responsible of scientific research projects of University of Catania "Biological defense strategies against plant diseases that affect the qualitative characteristics of table grapes with biocontrol agents and resistance inducers"

2006-2008	National Coordinator PRIN 2006-2008 " Selection of highly compatible antagonist microorganisms for the preparation of bioproducts with greater effectiveness in biological control "
2003-2005	Responsible for scientific research projects of University of Catania "Defense strategies through the use of highly compatible antagonist microorganisms".
2002-2004	Responsible for Research Unit PRIN 2002-2004 "Pseudomonas syringae in biocontrol: mechanisms of action and risk assessment;
2001-2006	Responsible for Research Line Project MIUR-PON Agrifood 2001-2006 "Environmental effects of transgenic citrus plants on soil microbial population"
2001-2003	Responsible for Research Line Project MURST "Expression of eterologous proteins in yeasts of industrial interest", Workpackage 1-7 e Workpackage 2-6
1999-2001	Responsible for Research Unit PRIN 1999-2001 "Biotechnology approaches for postharvest control of Botrytis cinerea"

INVOLVED IN THE FOLLOWING RESEARCH PROJECTS:

- Risk assessment of release of GMO (CNR-RAISA, 1991-95);
- Biological control of plant pathogens (MURST 40%, 1994-96);
- Diagnostic methods in plant diseases and monitoring of plant pathogens (MURST, 1996-2000);
- CNR-MURST Subproject 2, "New technologies to quality improvement of vegetables in greenhouse in South of Italy", 1994-1999;
- POM A-24, Mis. 2, "New technologies in disease control of plant pathogens with biological and integrated control", 1994-1999;
- POM A-36, Mis. 2, "Citrus fruit growing: research and transfer of new technologies, 1994-1999.

CONFERENCE ORGANIZATION

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- Member of Organizing Committee "III International Organic fruit symposium and I International Organic vegetables Symposium" Catania (Italy), October 5-8, 2020
 - Member of Scientific Committee "4th International Symposium on Biological Control of Bacterial Plant Diseases", Viterbo, (Italy), 9th - 11th July 2019.
 - Member of Organizing Committee "14th International Conference on Plant Pathogenic Bacteria (ICPPB)", Assisi, 7th-12 th June 2020.
 - Member of Organizing Committee of "III International Symposium on Post-harvest Pathology", Bari, Italy, 7-11 June 2015
 - Member of Organizing Committee of 6th International Conference on Pseudomonas syringae pathovars and related pathogens", Maratea (Pz) Italy, 2002;
 - Member of Organizing Committee of International Workshop (Cost 830): "Methods to monitor microbial inoculants to improve their success". Wageningen, The Netherlands, 6-8 April 2000;
 - Member of Organizing Committee of 5th Congress of The European Foundation for Plant Pathology (EFPP) "Biodiversity in Plant pathology", Taormina, Italy, 19-22 September 2000;
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