

## *Curriculum vitae*

Gianfranco Romanazzi completed his degree in Agricultural Sciences ‘*cum laude*’ in 1995 and his PhD in Crop Protection, in 1999 at the University of Bari. He joined Marche Polytechnic University in Ancona in 2001, he became Assistant Professor in 2004 and Associate Professor in Plant Pathology in 2014. He is Chair of BSc in Agricultural Science and Technology and MSc in Land and Agricultural Technology. In 2016-2019, he was Rector delegate for student welfare. Since June 2020 he is President of the Italian Association for Plant Protection (Associazione Italiana per la Protezione delle Piante, AIPP).

His scientific activities have involved different aspects of plant pathology, from diagnosis and molecular characterisation of plant pathogens, to the control of plant diseases. Together with his research team, he has applied disease-control measures both in the field and after harvest, using environmentally friendly means (i.e., natural compounds, UV-C irradiation, ozone, hypobaric and hyperbaric treatments, low risk fungicides, resistance inducers). He has acquired good experience in the control of postharvest diseases of fruit, with his studies including the *in-vitro* and *in-vivo* activities of a series of natural fungicides, among which chitosan has been the most investigated. This natural biopolymer has been used for the control of diseases caused by Oomycota (grapevine downy mildew), decay-causing fungi, and Phytoplasma (grapevine Bois noir). In 2004-2005, part of his research was carried at the U.S. Department of Agriculture (USDA) in Parlier, California, USA, and in June-August 2015, he spent a period at the Agriculture and Agri-Food Canada Station of Vineland, Ontario, Canada, where he followed studies on induced resistance to manage grapevine diseases.

He is coordinator of PRIMA Project “StopMedWaste”, Euphresco “BasicS” and of other national and regional projects. He is member of the “Monilinia.org” international network, of the “Postharvest” working group of the American Phytopathological Society, and of “Seed Pathology” working group of the International Society of Plant Pathology, where is vice Chair since 2018. In 2017, he took part of the European Food Safety Agency “Working Group on Fungicides”.

He has been on the Scientific Committees of several international meetings, and invited as a speaker in Italy (XVI International Botrytis Symposium, 2013), Mexico (I International Meeting on Chitosan and its Applications in the Preservation of Agricultural Commodities, 2014), Canada (Botany 2015 – Symposium “Basic and applied approaches to improve disease resistance in plants”), Hungary (3<sup>rd</sup> Postharvest Conference ‘Pre- and postharvest technologies in the fruit and vegetable sector’, 2016), Chile (XVII International Botrytis Symposium, 2016) and South Africa (IV International Symposium on Postharvest Pathology, 2017).

He is part of the Editorial Board for Postharvest Biology and Technology, he is Senior Editor for Australasian Plant Pathology, Editor for Frontiers in Microbiology, Frontiers in Plant Science, Phytoparasitica, and Scientific Reports. In 2016, he was invited by Postharvest Biology and Technology (together with Pietro Tonutti and Samir Droby) to edit a special issue entitled “Alternative approaches to synthetic fungicides to manage postharvest decay of fruit and vegetables”. He edited the book “Chitosan in the Preservation of Agricultural Commodities” (Bautista-Banos S., Romanazzi G., Jiménez-Aparicio A., Eds), Elsevier, 2016.

He is a member of the Italian Phytopathological Society (SIPaV), the Italian Horticultural Society (SOI), the Italian Society for Plant Protection (AIPP), the Italian Society for the Research on Essential Oils (SIROE), the International Council for the Study of Virus and Virus-like Diseases of the Grapevine (ICVG), the International Council on Grapevine Trunk Diseases (ICGTD), the International Society for Horticultural Science (ISHS), the Australasian Plant Pathology Society (APPS), and the American Phytopathological Society (APS). He is an author of more than 360 papers published in national and international journals, and of book chapters and proceedings of congresses. All of his papers submitted to Italian National Research Evaluation (VQR) for 2004-2010 (n. 3) and 2011-2014 (n. 2) were evaluated as Excellent. H-index: 27 (Source: Scopus).