

Varvara Maliogka

Dr Varvara Maliogka is a Professor of Plant Virology at the School of Agriculture in the Aristotle University of Thessaloniki (AUTh). She took her BSc degree in Agronomy (2001) and performed MSc studies on Crop protection (2003) and a PhD thesis (2008) on grapevine-infecting viruses at the School of Agriculture (AUTh). Dr Maliogka has performed post-doctoral research on the molecular interactions of plant viruses with their plant-hosts at the Spanish National center of Biotechnology in Madrid (CSIC- CNB) (2009-2011). Her research interests include the development and application of modern diagnostic techniques for the study of viruses, the identification of the etiology of new viral diseases and the characterization of new viruses with cutting-edge technologies, such as high throughput sequencing (HTS), as well as the study of the viruses' interactions with their plant hosts and their vectors. She has a long-standing experience in the study of viruses infecting grapevine, fruit trees and vegetables with a special emphasis on the vector-transmitted ones (mainly aphid and whitefly-transmitted). Lately, she has been involved with the development/evaluation of alternative methods for plant virus control such as the use of beneficial microorganisms.

She is teaching part of the courses Plant Pathology, Diseases of vegetable and field crops, Diseases of trees and grapevine as well as the course Plant Virology at the undergraduate program of the School of Agriculture, AUTh. Moreover, she is teaching the course Molecular Plant Virology at the postgraduate program Modern Plant protection and biotechnological applications. She has supervised 2 PhD and 8 MSc theses that have been completed and more than 60 undergraduate theses. Currently she is supervising 3 PhD theses that are ongoing. She served as an external examiner of 15 doctoral theses. She has published more than 100 papers in international peer reviewed journals (>2900 citations, h-index=30) (Google Scholar), 10 chapters in books of international publishing companies and she has over 220 oral or poster presentations in international and national scientific conferences. She has served as an Associate Editor at the Plant Disease journal (2013-2016) and currently she is holding the same position at the Journal of Plant Pathology and at Phytopathology. She is a member of the steering committees of the international council for the study of virus and other graft-transmitted diseases of fruit trees (ICVF) and the international council for the study of virus and other graft-transmitted diseases of the grapevine (ICVG). Moreover, she is a member of the steering committee of the Hellenic Society of Virology. She has been scientifically responsible in >10 research projects funded by national/European funds, and she has coordinated a European H2020-funded project (MSCA-RISE-2016-Virfree). Moreover, she has been scientifically responsible in several non-competing projects funded by the private sector.