

Associate Professor at the Department of Agriculture and Forest Sciences (DAFNE), University of Tuscia.

Deputy Head of DAFNE for International Cooperation

Teaching activity is carried out at University of Tuscia, for Master and PhD students in: Sustainable Plant Protection Strategies; Agro-industrial phytopathological biotechnology Research activity on plant pathology and in particular on phytobacteriology for: Biological control in open field, greenhouse, nursery of phytopathogenic bacteria by using natural substances and biocontrol agents (BCA's). Valorization of agro-food wastes to develop organic plant protection strategies. Reduction of agrochemicals to control of harmful pathogenic microorganisms on tropical and subtropical crops; Sustainable plant protection strategies in Developing Countries. Biology and epidemiology of phytopathogenic bacteria. Abiotic and biotic factors influencing populations of phytopathogenic bacteria; Genetic-molecular characterization of phytopathogenic bacteria.

He's Coordinator of Regional, National, EU/extra EU (MAE, MIUR, MIPAAF, FAO, NGO's) Projects.

He's author of more than 200 peer review scientific papers.

In 2013, he founded Phytoparasites Diagnostics (Phy.Dia) srl (www.phydia.eu), an innovative Spin-off/Start-up Company. It was developed together with four young researchers from University of Tuscia. Phy.Dia. Srl is accredited by the National Phytosanitary Service (SFC) MIPAAF and the Regional Phytosanitary Service (SFR) for the management and analysis of all different plant material respect to all parasites/plant pathogens; and also, due to its EPPO standards, PhyDia it is also accredited to develop research activities on quarantine plant pathogens (ex. *Pseudomonas syringae* pv *actinidiae*, *Xylella fastidiosa* subsp. *pauca* CoDiRO strain, *Clavibacter michiganensis* subsp. *michiganensis*), becoming among the few national research centers with outstanding scientific expertise in the field of phyto-diagnostics able to offer a highly qualified service for the public and private sector.