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Location	Palermo
Profile	https://www.researchgate.net/profile/Dalila-Crucitti
Expertise	Microbiology, Molecular Biology, Cell culture, Cloning, Sequencing; Molecular Fingerprinting, Serology.
Advisor	Prof. Tiziano Caruso
Co-advisor	
Thesis topics	Characterization of the biodiversity of microbiome associated to sicilian olive trees and evaluation of the potential role of endophytes as biocontrol agents.
Research interests	<ul style="list-style-type: none"> -Detection, identification and characterization of plant pathogens (fungi, bacteria and viruses) using advanced molecular methods; -Genomic and transcriptomic applied to the study of plant-pathogen interaction; -Research and development of molecular markers by NGS approaches to study the genetic diversity of plants; -Studies on the biodiversity of endophyte communities colonizing plants by metagenomic analysis; -Use of microbiological techniques and molecular screening for the characterization of microorganisms of agri-food interest.
Link to publications	https://www.mdpi.com/2073-4409/10/6/1336 https://bsppjournals.onlinelibrary.wiley.com/doi/10.1111/ppa.13183 https://www.frontiersin.org/articles/10.3389/fpls.2019.01506/full https://www.frontiersin.org/articles/10.3389/fpls.2019.01256/full https://apsjournals.apsnet.org/doi/10.1094/PDIS-04-16-0445-PDN