

## Chiaraluca Moretti - CV

She is an Associate Professor in Plant Pathology. Her research focuses on molecular plant pathology and phytobacteriology, including the diagnosis and characterization of bacterial and fungal isolates, interactions between phytopathogenic and endophytic bacteria, and genome analyses. She studies the role of calcium ions in bacterial virulence, and evaluates resistance inducers and innovative products for controlling *Venturia oleaginea*. Her work also includes the use of sodium selenate and zinc phosphate against *Pseudomonas syringae* pv. tomato, and the antimicrobial activity of zinc, silver, and lignin nanoparticles against phytopathogenic bacteria and fungi.