

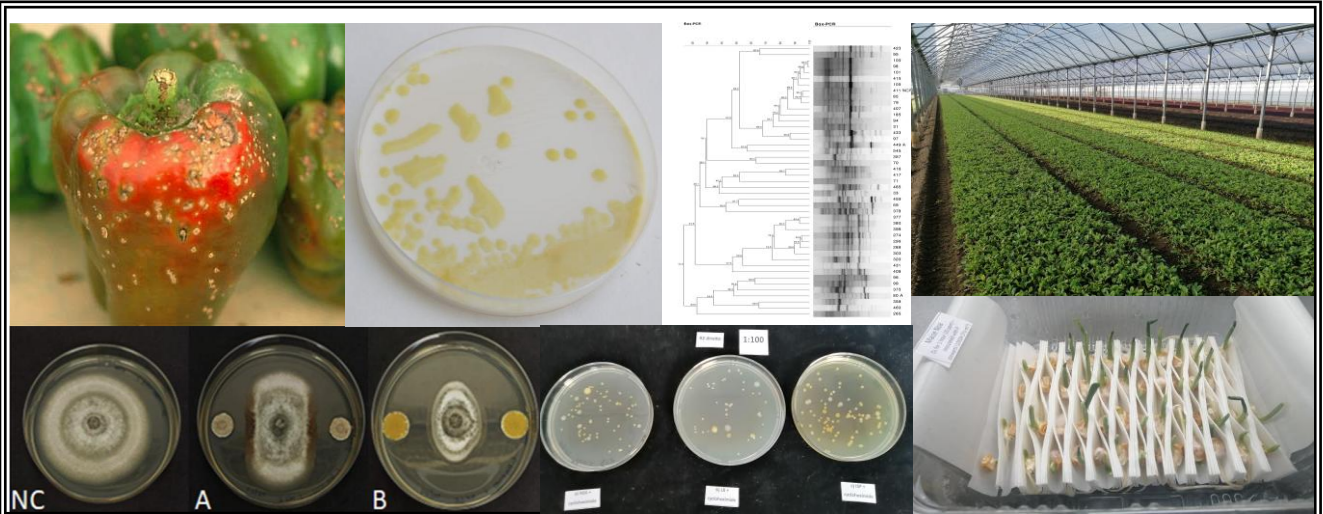
Development of microbial-based agrochemicals for sustainable crop protection

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[Competences catalogue](#) e [Projects and Contracts Portfolio](#)

RESEARCH ACTIVITIES

- Epidemiological and molecular studies of bacterial plant diseases.
- Development and implementation of diagnostic protocols for plant pathogens.
- Identification, characterization and *in vitro* and *in planta* assays of microbial biocontrol agents.
- Taxonomy of phytopathogenic bacteria.
- Metabarcoding studies on the microbiome of horticultural crops.



SERVICES

- Phytosanitary analyzes on seeds and plant material for the detection of phytopathogenic bacteria (regulated and not regulated pests) .
- Identification and characterization of beneficial microorganisms (mBCAs) for the biological management of horticultural plant diseases.
- *In vitro* and *in vivo* experimental assays under controlled conditions and open field, to assess the efficacy of innovative mBCAs.
- Characterization of beneficial microorganisms for functional foods.