

Pseudomonas syringae pv. *actinidiae* (PSA): diagnosis, detection, identification and study of epidemiological aspects (PSADID)



Funding

Non-competitive funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding € 90,000

Research consortium

IT-CRA/IT-Unimore; FR-Anses LSV; ES-INIA; PT-INRB; NZ-MPI-PHEL/NZ-PFR
Additional partners (interlaboratory tests):
AT-AGES; GR-BPI; IT-LFRL; IT-DAFNE; ES-Depo; TR-PPCRI

Goals

- Development of innovative diagnostic tools
- To verify the performance of test methods reported in literature (isolation, PCR, real time PCR) for detection and identification of *Pseudomonas syringae* pv. *syringae* (Psa), the causal agent of bacterial kiwifruit canker, through interlaboratory comparison.
- Develop studies on the epiphytic survival and endophytic movement of Psa

Contact information

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Objectives

- Evaluation of harmonized test procedures used for the detection and identification of Psa in the European plant health laboratory by comparison of all methods reported in the scientific literature.
- Assessment of the performance criteria of all the detection methods.
- Improve knowledge on epidemiological behaviour of the pathogen

Key outputs and results

- Protocols for isolation, PCR, real time PCR.
- Individuation of performance criteria for each method.
- Developing of a harmonized procedures for detection and identification of Psa.
- Improving of epidemiological knowledge of the pathogen for a better control the disease