

Perrine Portier

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EXPERIENCES and COMPETENCES

Since 2009: Manager of the French Collection for Plant-associated Bacteria (CIRM-CFBP)

UMR 1345 IRHS - INRAE Pays de la Loire

Management / Quality management ISO9001 / ABS regulations (Nagoya protocol)

Phylogeny / Taxonomy / Plant pathology / Bacteriology

Projects and collaborations management / Students and collaborators training

Preservation distribution and valorization of strategic bacterial resources for plant protection for the international scientific community

2007-2009: Short-term research mission UMR PaVé, INRA Angers, France

Epidemiology / Design of molecular tools for diagnostics and detection of plant-pathogenic bacteria

2000-2004: PhD – UCBL Lyon, France

Plant selection of pathogenic and non-pathogenic bacterial ecotypes linked with genomic species differentiation in *Agrobacterium* spp.

Microbiology / Epidemiology / Phylogeny / Bacterial speciation

SELECTED PROJECTS

2020-2022: IS_MIRRI21 (Europe)

2019-2021: Project leader Microstore (INRAE)

2019-2021: Project leader Mald-ID (Europe – Euphresco)

EDUCATION

2004: **PhD** Microbial Ecology – Université Claude Bernard Lyon 1, France

2000: **Master** Microbial Ecology – Université Claude Bernard Lyon 1, France

1999: **Graduation** Biology / Ecology – Aarhus Universitet, Denmark / Université Joseph Fourier Grenoble, France

SELECTED PUBLICATIONS 2019-2022

- Broders, K.; Aspin, A.; Bailey, J.; Chapman, T.; **Portier, P.**; Weir, B.S. Building More Resilient Culture Collections: A Call for Increased Deposits of Plant-Associated Bacteria. *Microorganisms* 2022, 10(4), 741.

- Mafakheri H.; Taghavi S.M.; Zarei S.; **Portier P.**; Dimkić I.; Koebnik R.; Kuzmanović N.; Osdaghi E. 2022. *Xanthomonas bonasiae* sp. nov. and *Xanthomonas youngii* sp. nov. isolated from crown gall tissues. *IJSEM*. Vol. 72 Issue 6

- Zarei S., Taghavi S.M., Rahimi T., Mafakheri H., Potnis N., Koebnik R., Fischer-Le Saux M., Pothier J., Palacio Bielsa A., Cubero J, **Portier P.**, Jacques M.A., Osdaghi E. 2022. Taxonomic Refinement of *Xanthomonas arboricola*. *Phytopathology*. PHYTO-11-21-0463-SC

- **Portier P.**, Pedron J., Taghouti G., Dutrieux C., Barny M-A. 2020. Updated Taxonomy of *Pectobacterium* Genus in the CIRM-CFBP Bacterial Collection: When Newly Described Species Reveal “Old” Endemic Population. *Microorganisms*. 8(9): 1441

- Gonçalves R. M., Balbi-Peña M. I., Soman J. M., Maringoni A. C., Taghouti G., Fischer-Le Saux M., **Portier P.** 2019. Genetic diversity of *Curtobacterium flaccumfaciens* revealed by multilocus sequence analysis. *Eur J Plant Pathol*. 154 (2): 189-202

- **Portier P.**, Pédrón J., Taghouti G., Fischer-Le Saux M., Caullireau E., Bertrand C., Laurent A., Chawki K., Oulgazi S., Moumni M., Andrivon D., Dutrieux C., Faure D., Hélias V., Barny M-A. 2019. Elevation of *Pectobacterium carotovorum* subsp. *odoriferum* to species level as *Pectobacterium odoriferum* sp. nov., proposal of *Pectobacterium brasiliense* sp. nov. and *Pectobacterium actinidiae* sp. nov., emended description of *Pectobacterium carotovorum* and description of *Pectobacterium versatile* sp. nov., isolated from streams and symptoms on diverse plants. *IJSEM*. 69:3214–3223