

Perrine Portier

UMR 1345 IRHS / CIRM-CFBP

perrine.portier@inrae.fr / +33 2 41 22 57 19

<https://cirm-cfbp.fr/>

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 health 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

2023-2027: MICROBE (<https://www.microbeproject.eu/>)

2020-2022: IS_MIRRI21 (Europe)

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 2022-2024

- Koebnik R., Cesbron S., Chen N.W.G., Fischer-Le Saux M., Hutin M., Jacques M-A., Noël L.D., Perez-Quintero A., **Portier P.**, Pruvost O., Rieux A., Szurek B. Celebrating the 20th anniversary of the first *Xanthomonas* genome sequences – how genomics revolutionized taxonomy, provided insight into the emergence of pathogenic bacteria, enabled new fundamental discoveries and helped developing novel control measures – a perspective from the French network on *Xanthomonads*. *Peer Community Journal* 2024, Vol4 e9

- Ferrari M.L.; Chesneau O.; Clermont D.; Rahi P.; Mistou M.-Y.; **Portier P.**; Betsou F. Clarification on the implementation of the Nagoya Protocol in France for the access and sharing of benefits arising from the utilisation of microbial genetic resources. *IJSEM* 2024, 74:006262

- **Portier P.**, Taghouti G., Bertrand P.E., Briand M., Dutrieux C., Lathus A., Fischer-Le Saux M. Analysis of the Diversity of *Xylophilus ampelinus* Strains Held in CIRM-CFBP Reveals a Strongly Homogenous Species *Microorganisms* 2022, 10(8) 1531.

- Osdaghi E., Taghavi M.S., Hamidizade M., Kariminejhad M., Fazliarab A., Maleki H. H., Baeyen S., Taghouti G., Jacques M-A., Van Vaerenbergh J., **Portier P.** Multiphasic investigations imply transfer of orange-/red-pigmented strains of the bean pathogen *Curtobacterium flaccumfaciens* pv. *flaccumfaciens* to a new species as *C. aurantiacum* sp. nov., elevation of the poinsettia pathogen *C. flaccumfaciens* pv. *poinsettiae* to the species level as *C. poinsettiae* sp. nov., and synonymy of *C. albidum* with *C. citreum*. *Systematic and Applied Microbiology* 2024 Pages 126489

- 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.