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Plant-Associated Pseudomonads (Second Edition)

Guest Editor:

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Deadline for manuscript submissions:
closed (31 March 2024)

Message from the Guest Editor

This Special Issue is a continuation of our previous Special Issue titled 'Plant-Associated Pseudomonads', which was published in 2022.

The *Pseudomonas* genus is one of the widest and most diverse bacterial genera, with more than 200 species named to date. Pseudomonads are versatile Proteobacteria that can dwell in many environments with different lifestyles.

This Special Issue will cover all aspects of the interactions of pseudomonads with their host plants, as well as the biology of plant-interacting pseudomonads. It will also cover the interactions between plant-associated pseudomonads and other microorganisms present in the plant microbiome.

- *Pseudomonas*
- *Pseudomonas fluorescens*, *Pseudomonas syringae*, *Pseudomonas protegens*
- plant-growth-promoting (rhizo)bacteria
- phytopathogenic pseudomonads
- plant–microbe interactions
- rhizosphere
- phylosphere
- endophytic
- inoculant
- biocontrol
- biofertilization
- phytostimulation
- microbiome

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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