



Symbiotic Plant-Bacterial Endospheric Interactions

Guest Editor:

Prof. Dr. Sharon Lafferty Doty

School of Environmental and
Forest Sciences, University of
Washington, Seattle, WA, USA

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Message from the Guest Editor

Dear Colleagues,

While plant-microbe symbioses, involving root nodules (Rhizobia and Frankia) or the root-soil interface (rhizosphere), have been well-studied, the intimate interaction of the phytobiota, endophytes and epiphytes, with the plant host is a relatively new field of research. Nutrient acquisition, phytohormone production and modulation, antimicrobials and other defense-related compounds, and native and xenobiotic chemical detoxification are all ways in which the phytobiome can impact plant health. These interactions may be essential to how plants in their native environments survive and thrive, especially in challenging environments. This Special Issue highlights recent research on the importance of the phytobiome to plant health and growth, with an emphasis on native plant-microbe interactions.

Prof. Dr. Sharon Lafferty Doty
Guest Editor





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Dr. Nico Jehmlich

Department of Molecular
Systems Biology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

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Contact Us

Microorganisms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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