



Rhizobium-Plant Interaction

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Message from the Guest Editors

Dear Colleagues,

A complex signaling dialogue occurs between plants and soil rhizobia, allowing the proper partner recognition and the following plant tissue colonization by rhizobia. During this process, bacterial physiology undergoes a drastic remodeling, as well as the plant cells, adapt to host the bacteria. Several novel molecular aspects of this process are being discovered in the last years, including physiological and ecological aspects of the molecular actors of this model symbiosis and the recognition that rhizobia can non-symbiotically interact with several plant species other than legumes.

This Special Issue addresses the contribution of studies on the interaction between rhizobia and plants. The topics include, but are not limited to, (1) increased understanding of molecular signals between rhizobia and plants, (2) role of partners' genotype specificities in the phenotypic variation of rhizobium-plant symbiotic association; (3) molecular diversity and evolutionary dynamics of rhizobia-plant interaction, and (4) molecular understanding and relevance of non-symbiotic rhizobia.





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Message from the Editor-in-Chief

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