



Microbial Colonization of the Host Plant: Cellular and Molecular Mechanisms

Guest Editors:

Prof. Jose J. Pueyo

Institute of Agricultural Sciences,
ICA-CSIC, Madrid, Spain

Dr. Elena E. Fedorova

K.A.Timiryazev Institute of Plant
Physiology, Russian Academy of
Science, Moscow, Russia

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Message from the Guest Editors

Dear Colleagues,

The symbiotic interactions of microorganisms with plants have always been very important for the agriculture and the environment. In recent decades, the research in this area has mainly been centered on the mechanisms of signaling between microorganisms and plants. These studies revealed the pathways that enable the entrance to the apoplast and, to some extent, to the symplast of the host plant for selected microorganisms, while restricting colonization by all other microorganisms. The definition of “symbiosis”, however, if interpreted in a broader sense, may be mutually beneficial, partly parasitic, or neutral during the different stages of development. Possible parallels between symbiotic and parasitic colonization, if clarified, could provide a new research direction in this area.

We would like to invite our colleagues to share their ideas and results concerning the research of the molecular mechanisms of symbiosis, especially the intracellular stage of colonization, and to submit manuscripts to the Special Issue of *IJMS* entitled: “Microbial colonization of the host plant: cellular and molecular mechanisms of symbiosis”.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, St. Alban-Anlage 66
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