

Special Issue

Advances in Arbuscular Mycorrhizal Symbiosis

Message from the Guest Editor

This Special Issue aims to reveal the current state and recent advancements in the understanding of arbuscular mycorrhizal symbiosis from genetic, epigenetic, biochemical, physiological, and ecological perspectives. Understanding the future potential and limits of this symbiosis will enhance the use of AM fungi for improving plant performance and productivity, mainly under adverse environmental conditions. This issue aims to cover the function of arbuscular mycorrhizal (AM) symbioses, especially in the interplay between direct nutrient element uptake via plant roots and uptake via the AM fungal pathway. Additionally, understanding the role of the AM symbiosis in facing the adverse effects of the current climate change scenario is a main objective of this Special Issue. Original research, review, methods, perspective, and opinion articles are all welcome.

Guest Editor

Dr. Juan Manuel Ruiz Lozano

Departamento de Microbiología del Suelo y Sistemas Simbióticos,
Estación Experimental del Zaidín (CSIC), Profesor Albareda N° 1, 18008
Granada, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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

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