



Alleviative Mechanisms of Rhizospheric Bacteria in the Response to Plant Stress: A Promising Tool in Sustainable Agriculture

Guest Editor:

Dr. David Correa-Galeote
Department of Microbiology,
University of Granada, 18071
Granada, Spain

Deadline for manuscript
submissions:
closed (10 February 2022)

Message from the Guest Editor

Dear Colleagues,

It is commonly recognized that intensive agriculture is leading to more frequent and intense stress situations. The use of plant growth promoting rhizobacteria (PGPR) as inoculants improve the growth and yield of agricultural crops. Therefore, in the present scenario, the use of PGPR is of paramount importance to reduce various anthropogenic agricultural constraints.

This Special Issue will focus on the use of PGPR as soil management solutions to cope with different biotic and abiotic stresses. We are open to novel research, reviews, and opinion articles covering all aspects of the responses and mechanisms developed by PGPR to alleviate the detrimental effects of biotic and abiotic stress in crops. Contributions of biochemical and molecular studies on the responses to abiotic stress by PGPR will be an essential part of this Special issue. Genetic engineering and other biotechnological approaches to improve PGPR stress tolerance are also welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Graham Centre for Agricultural
Innovation, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Agronomy*) / CiteScore - Q1 (*Agronomy and Crop Science*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi