

Special Issue

Applications of Plant Growth-Promoting Bacteria in Crop Production

Message from the Guest Editor

This Special Issue, “Applications of Plant Growth-Promoting Bacteria in Crop Production”, aims to present the latest scientific research findings dealing with various aspects of crop physiology, responses to environmental stresses, adaptation and tolerance mechanisms upon application of PGPB. In particular, this Special Issue seeks findings on the interactions of PGPB with plants and on multiple physiological, biochemical and molecular mechanisms underlying the manifestation of the growth-stimulating and protective effects of PGPB on plants both under normal and common stress conditions. Understanding the basic mechanisms of PGPB-induced resilience in crop plants is important to realize their full potential in the future both for crop breeding and for developing biological preparations based on them, as well as new approaches to the safe management of the productivity and quality of major food crops of the world under global climate changes.

Guest Editor

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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