

Special Issue

Advances in Biological Control of Plant Diseases

Message from the Guest Editors

The control of diseases and pests in many crops can be a challenge. The development of agents to control plant diseases is an important topic in agricultural science. Biological control has become one of the most important developments in this effort. It is mainly based on the use of microorganisms with different functions. Current research on these strains concerns not only their effects on plants, but also their in-depth phenotypic and genetic characterization. Classical and modern microbiological methods make it possible to study the phenotypic properties of a given strain and its ability to grow under unfavorable environmental conditions. Analysis of the genome of a bacterial strain makes it possible to determine the strain's potential ability to fight pathogens and promote plant growth. This Special Issue focuses on finding ways to reduce the incidence of plant diseases through the use of microorganisms. The articles composing this Special Issue will cover interdisciplinary research, including microbiology and plant pathology. Articles describing metataxonomic research conducted to understand the microbiomes of different environments are also welcome.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

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