



Microbial Control of Crop Diseases: Limitations and Optimizations

Guest Editor:

Dr. Maryline Magnin-Robert
Unit of Environment Chemistry
and Interactions with Living
Organisms, University of the
Littoral Opal Coast, France

Deadline for manuscript
submissions:

closed (30 April 2022)

Message from the Guest Editor

Dear Colleagues,

The number of studies on the development of alternative solutions, such as the use of microbial biological control agents (MBCAs), to suppress or manage pathogen development has significantly grown over the past 30 years. Despite their effectiveness in the lab, their effectiveness under greenhouse or field conditions is often disappointing. Moreover, effective solutions for controlling diseases remain insufficiently proposed to farmers.

This Special Issue will focus on “Microbial Control of Crop Diseases: Limitations and Optimizations”. We welcome original research articles, reviews, and opinion pieces on any related topic, including the development of new agent screening methods; the factors involved in the erosion of biocontrol effectiveness; biocontrol mechanisms and their modulation with regard to plant physiology, plant genotype, or the growing conditions of MCBAs; implications of the combination of various modes of action for biocontrol effectiveness; population modeling of applied MCBAs; and possible risks of MCBAs and their secondary metabolites for humans or non-targeted organisms.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, 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 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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