



an Open Access Journal by MDPI

# Perspectives and Challenges of Microbial Application for Crop Improvement

Guest Editors:

### Dr. Eligio Malusá

Research Institute of Horticulture and CREA-Research Centre for Viticulture and Enology, Skierniewice, Poland

### Prof. Dr. Xiangming Xu

Pest and Pathogen Ecology, NIAB East Malling Research (EMR), East Malling ME19 6BJ, UK

#### Prof. Dr. Ivana Maksimović

Faculty of Agriculture, University of Novi Sad, Trg D. Obradovića, 821000 Novi Sad, Serbia

### **Message from the Guest Editors**

This Special Issue aims at highlighting the several facets in developing microbial-based products and optimisation of their applications in practice to maximise their impact on crop nutrition and protection from pests and diseases. In addition to research on biological mechanisms and product development, a key aspect for commercial uptake of these products is how they could be effectively integrated with other standard practices (e.g., irrigation). Similarly, is there synergy in using multiple products simultaneously or over time? If so, what is the biological basis for such observed synergy? We welcome standard research and perspective papers as well as critical reviews on these topics.

Deadline for manuscript submissions: closed (31 January 2022)



mdpi.com/si/80247







an Open Access Journal by MDPI

## **Editor-in-Chief**

### Prof. Dr. Peter Langridge

School of Agriculture, Food and Wine, University of Adelaide, Urrbrae, SA 5064, 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