

# Special Issue

## Effects of Endophytic Bacteria on Grass

### Message from the Guest Editor

Most plant species are colonized by endophytic bacteria, which contribute significantly to plant growth, biomass yield, and health. However, studies addressing the influence of endophytic bacteria on grass are still missing. This Special Issue addresses grass responses to the inoculation of endophytic bacteria and the mechanisms of interactions between grasses and endophytic bacteria under stressful environmental conditions. We will highlight (1) recent progress in fundamental research (endophytic bacteria-induced physiological and biochemical, metabolomics, cellular, and molecular changes in grasses), and (2) applied experimental studies and emerging biotechnologies that substantially enhance grass production and sustainability (e.g., microbe-mediated stress mitigation in grasses). This Special Issue welcomes contributions dissecting the mechanisms underlying interactions among grasses, endophytic bacteria, and soils. We encourage the submission of manuscripts focusing on microbe-induced molecular, cellular, and physicochemical changes in grasses. Original research and reviews are particularly welcomed.

### Guest Editor

Dr. Ying Ma

Centre for Functional Ecology, Department of Life Sciences, Faculty of Sciences and Technology, University of Coimbra, 3004-531 Coimbra, Portugal

### Deadline for manuscript submissions

closed (15 July 2022)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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