# **Special Issue**

# Plant-Microbe Interactions for Sustainable Agriculture

## Message from the Guest Editor

The plant microbiome is a highly diverse environment, with several very important biosystems, ranging from pathogenic to plant growth promoting, all of which involve both plant and microorganism interactions, but the effect of other biotic and abiotic environmental conditions on these interactions. These interactions are a major research field from several different research fronts and have a major potential to help reduce some of the environmental constraints agriculture faces due to the predicted climate change. This special issue will highlight new research and critical reviews on these interactions, from a wide ranging of point of views, covering plant pathogens and growth promoters, from the microbiological and plant point of views.

### **Guest Editor**

Prof. Dr. Mario De Andrade Lira Junior

Departamento de Agronomia, Universidade Federal Rural de Pernambuco, Rua Dom Manuel de Medeiros, s/n, Dois Irmãos, Recife 52171-900, PE, Brazil

## Deadline for manuscript submissions

closed (20 November 2023)



# **Plants**

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/110304

Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

mdpi.com/journal/plants





# **Plants**

an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 7.6 Indexed in PubMed



# **About the Journal**

## Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

### Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

#### **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), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

## **Journal Rank:**

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

