



Grapevine–Cooperation and Struggle with Microbial Residents

Guest Editors:

Dr. Tomislav Radić

Institute for Adriatic Crops and
Karst Reclamation, Put Duilova
11, 21 000 Split, Croatia

Dr. Katarina Hančević

Institute for Adriatic Crops and
Karst Reclamation, Put Duilova
11, 21000 Split, Croatia

Deadline for manuscript
submissions:

closed (31 January 2022)

Message from the Guest Editors

Dear Colleagues,

Grapevine (*Vitis vinifera* L.) is one of the most represented crops worldwide, cultivated in diverse geographic and climate environments and with long history of cultivation and breeding. Accordingly, its economic value has been significant. Viticulture encompasses various interactions of grapevine with its environment and one of the most recent recognized is that with its microbiome. It includes a wide range of hosted microorganisms that may have beneficial, neutral or pathogenic influence to the plant. Due to their widespread occurrence and high diversity as well as developing methodological tools of molecular biology, there is increasing need to evaluate their roles in grapevine health, growth and development.

In this special issue we will focus on the various aspects of the grapevine interactions with its microbial residents, primarily phytopathogens (viruses, fungi, and phytoplasmas) and beneficial microorganisms (mycorrhizal fungi, endophytes). Original scientific articles on their diversity, ecology, influence on grapevine physiology, influence on grapevine health, role in adaptation to climate changes and similar are welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

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.

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)

Contact Us

Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)