



plants



an Open Access Journal by MDPI

Plant-Nematodes Interactions

Guest Editors:

Prof. Dr. Khalid Meksem

School of Agricultural Science;
College of Agricultural, Life and
Physical Sciences Southern
Illinois University at Carbondale,
Carbondale, IL 62901-4415, USA

Prof. Tarek Hewezi

Department of Plant Sciences,
University of Tennessee,
Knoxville, TN, USA

Deadline for manuscript
submissions:
closed (1 December 2021)

Message from the Guest Editors

Dear Colleagues,

Plant-parasitic nematodes continue to be a major limiting factor in agriculture production and cause billions of dollars of yield losses globally. Recent applied research efforts have focused on identifying effective infection control practices to minimize nematode spread and damage. In addition, basic research efforts have focused on understanding the molecular mechanisms underlying nematode interactions with host plants, aiming to identify resistant targets for infection prevention.

We welcome manuscripts in the area of diagnostic technologies and integrated management strategies to control plant-parasitic nematodes, including biocontrol agents and the rapid and accurate detection of nematodes for disease forecasting and control. This Special Issue of *Plants* also welcomes manuscript submissions that address plant immunity against nematodes, plant-nematode interactions, plant disease resistance genes, and disease resistance mechanisms.

Prof. Khalid Meksem

Prof. Tarek Hewezi

Guest Editors



mdpi.com/si/70549

Special *Issue*



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 (*Plant Science*)

Contact Us

Plants Editorial Office
MDPI, St. Alban-Anlage 66
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)