

Special Issue

Recent Advance in the Identification and Diagnostics of Plant-Parasitic Nematodes

Message from the Guest Editor

Plant-parasitic nematodes (PPN) are recognized as one of the greatest threats to crops causing serious damage in terms of yield production and crop quality. In the past, chemical fumigants were extensively used by farmers in the control of PPN; however, sharp restrictions in the use of nematicide fumigants worldwide have been established due to their high toxicity to man and the environment. Therefore, the development of a correct integrative approach for plant-pathogenic nematodes detection is a crucial juncture to identify accurately at the species level in PPNs for designing effective management strategies against them. This Special Issue on “Recent Advance in the Identification and Integrative Diagnosis of Plant-Parasitic Nematodes” will publish articles (original research manuscripts and review articles) that focus on taxonomy, systematics, phylogeny, morphological image analysis, DNA-based methods, enzyme-based methods, and integrative approaches used for the identification of plant-parasitic nematodes associated with economically important agriculture and forestry crops.

Guest Editor

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
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Technologies (DiSTeBA), Salento University, Lecce, Italy

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