

## Special Issue

# Advances in Plant Nematology Research

### Message from the Guest Editor

Plant-parasitic nematodes are recognized as one of the greatest threats to crop production throughout the world. All plant-parasitic nematodes are obligatory parasites, feeding exclusively on the cytoplasm of living plant cells. Novel knowledge obtained in these molecular studies has offered a completely new picture of nematode evolution, genome formation, biodiversity, principles of interaction with plants, endosymbiotic organisms, and environments. New discoveries have been made in identifying genes responsible for parasitism and understanding host resistance and virulence mechanisms, which can be applied to the development of novel nematode control methods. This Special Issue will focus on recent advances in all aspects of molecular biological studies in nematology, including molecular systematics, diagnostics, phylogenetics, genomics, biodiversity, molecular ecology, plant–nematode interactions, and other research directions.

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### Guest Editor

Dr. Sergei A. Subbotin

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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