

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.

Guest Editor

Dr. Sergei A. Subbotin

California Department of Food and Agriculture, Plant Pest Diagnostic Center, 3294 Meadowview Road, Sacramento, CA 95832, USA

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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