

Special Issue

Nematode Diseases and Their Management in Crop Plants

Message from the Guest Editor

More than 4000 species of nematode are plant-parasitic nematodes (PPNs), which affect the quality and quantity of many crops. PPNs attack plants and disrupt their development, causing reductions in crop yield and in the quality of the products. Their control is mainly achieved by means of crop rotation and the use of resistant cultivars, combined with synthetic nematicide application. Even though the use of chemical pesticides is an effective control strategy, this is expensive and legislation is very strict regarding their use in the field. The increase in environmental concerns and regulatory restrictions has led to the urgent need to find alternative control measures that have the same efficacy as chemical nematicides. This Special Issue focuses on management methodologies to control nematodes that cause damage to economically important crops and will include interdisciplinary studies including nematology, phytopathology, and pest management studies. Research articles will cover a broad range of fields, such as new technologies to control PPNs in the field and more environmentally and health-friendly management strategies.

Guest Editor

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