PHYSIOLOGICAL AND MOLECULAR PLANT PATHOLOGY

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DESCRIPTION

*Physiological and Molecular Plant Pathology* provides an international forum for original research papers, reviews, and commentaries on all aspects of the *molecular biology, biochemistry, physiology, histology* and *cytology, genetics* and evolution of *plant-microbe interactions*.

Papers on all kinds of infective pathogen, including viruses, prokaryotes, fungi, and nematodes, as well as mutualistic organisms such as *Rhizobium* and *mycorrhizal fungi*, are acceptable as long as they have a bearing on the interaction between pathogen and plant.

Research Areas Include:

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- Mechanisms of specific resistance, induced resistance and non-host -resistance
- Plant hormones and regulators in plant-microbe interactions
- Molecular biology of phytoalexins and other secondary metabolites of the host and their roles in resistance
- Pathogen effectors involved in pathogenicity and interaction with the host
- Pathogen infection mechanisms and host defense suppression
- Novel approaches for disease control
- Induction of plant immunity and biotechnology of resistance
- Pathogen molecular diagnostic.

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