

Special Issue

Biosecurity and Plant Viruses: A Call to Action for a Sustainable Future

Message from the Guest Editors

The global food security landscape is evolving, facing challenges from climate change, population growth, and threats like novel plant viruses, which cause billions in economic losses annually. Biosecurity is increasingly critical for safeguarding agricultural productivity and food system health. This Special Issue explores the relationship between biosecurity and plant viruses, highlighting pressing issues and the need for international collaboration.

Topics include:

Emerging and Re-emerging Viruses: Research on genetic diversity, evolution, and detection strategies.

Disease Surveillance: Development of monitoring programs using advanced technologies like genomics and AI.

Biosecurity Measures: Examination of practices such as quarantine and resistant crops.

Vector Management: Control methods for insect vectors transmitting plant viruses.

International Collaboration: Importance of global cooperation in combating threats.

We encourage submissions from researchers, policymakers, and industry leaders to contribute original research and reviews. This Special Issue aims to foster discussion and guide future efforts for sustainable agriculture.

Look forward to your submissions!

Guest Editors

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