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Genetic Variability, Diagnosis and Control of Plant Viruses and Viroids

Guest Editors:

Prof. Dr. Beata Hasiów-Jarozewska

Institute of Plant Protection-
National Research Institute,
Department of Virology and
Bacteriology, ul. Wł. Węgorka 20,
60-318 Poznań, Poland

Dr. Matthaios M. Mathioudakis

Institute of Olive Trees,
Subtropical Plants & Viticulture-
Hellenic Agricultural
Organization "DIMITRA" (ELGO-
DIMITRA), Laboratory of Plant
Pathology, Karamanlis Ave. 167,
Gr-73134 Chania, Greece

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Message from the Guest Editors

Dear Colleagues,

In recent years, numerous plant viruses, both old and new, have emerged, causing epidemics in economically important crops, influenced by new trends in the global market and climate change. In addition, these phenomena are highly favoured by the presence of the vigorous genetic variability and evolution of pathogens. RNA viruses have a great potential for genetic variation, rapid evolution, and adaptation as a consequence of high mutation rates, large population sizes, recombination events, and very short generation times. The characterization of the genetic variability and structure of viral populations provides relevant information on the processes involved in virus evolution and epidemiology. Understanding the role of genetic diversity in controlling the patterns and impact of pathogen emergence in nature has the potential to provide new insights for crop management. This Special Issue of *Plants* will focus on studies that address the variability of plant viruses, their molecular evolution, and factors that promote the emergence of new viruses and variants.



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Special Issue



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Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

Message from the Editor-in-Chief

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Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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