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Experimental and Molecular Epidemiology of Phytoplasma Diseases and Diversity of Insect Vectors

Guest Editors:

Dr. Ivo Toševski
1. Department of Plant Pests, Institute for Plant Protection and Environment, Banatska 33, Zemun, 11080 Belgrade, Serbia
2. CABI, 1 Rue des Grillons, 2800 Delémont, Switzerland

Dr. Jelena Jović
Department of Plant Pests, Institute for Plant Protection and Environment, Banatska 33, Zemun, 11080 Belgrade, Serbia

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Message from the Guest Editors

The molecular epidemiology of phytoplasma is focused on the characterization of multiple genes and the distribution of different phytoplasma strains in their hosts (plants and insects). It combines epidemiological and molecular data to better understand how phytoplasmas spread between cultivated plants and natural environments. Understanding the drivers of disease spread and epidemic emergences requires knowledge of the diversity of tentative or proven insect vectors within a specific pathosystem or between natural habitats and agro-ecosystems under disease pressure.

For this Special Issue, we invite you to submit contributions related to the experimental and molecular epidemiology of phytoplasmas, studies on experimental confirmation of vector role for particular insect species or group of species, as well as on the overall diversity of tentative insect vectors and associated phytoplasma genotypes in particular agroecosystems or pathosystems. These aspects of phytoplasma epidemiology and their associated vectors are essential for improving our understanding of all constituents of future outbreaks, while seeking to predict and prevent them.

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Editor-in-Chief

Prof. Dr. Leslie A. Weston
Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Message from the Editor-in-Chief

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Agronomy Editorial Office
MDPI, St. Alban-Anlage 66
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