



## Decoding Plant–Pathogen Interactions: Unraveling Signaling and Defense Mechanisms

Guest Editors:

**Dr. Violetta Katarzyna  
Macioszek**

Department of Biology and Plant  
Ecology, Faculty of Biology,  
University of Białystok, 15-245  
Białystok, Poland

**Prof. Dr. Andrzej K.  
Kononowicz**

Department of Plant  
Ecophysiology, Faculty of Biology  
and Environmental Protection,  
University of Łódź, 90-237 Łódź,  
Poland

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### Message from the Guest Editors

The most crucial research area in modern plant pathology is unraveling the signaling and defense mechanisms triggered in plants by various pathogens. Moreover, advantageous and unadventurous changes in environmental conditions such as light, temperature, humidity or soil composition can influence the occurrence of plant diseases or plant tolerance/resistance to viruses, bacteria and fungi. In this Special Issue, we focus on the metabolic and genetic determinants of crop plant diseases and resistance, which can be investigated using many methods, including microscopic, biochemical and transcriptomic methods. The topics of interest are as follows:

- Plant disease development and its determinants;
- Metabolic profiles and secondary metabolite biosynthesis in susceptible and resistant plants;
- Analysis of the plant transcriptome during a pathogen attack.

In this Special Issue, we welcome original research papers performed under laboratory and field conditions and reviews on all aspects of plant–pathogen interactions, including their mechanisms and signaling.





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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, Grosspeteranlage 5  
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