

Special Issue

Molecular Advances in Crop Protection and Agrobiotechnology

Message from the Guest Editors

Plants continuously sensing sophisticated stimulates and regulate their physiological state for optimized adaption to the environment. In the long-term coevolution of crops and their environment, they have gradually become united and established profound internal correlations. In recent years, scientists have achieved remarkable advances regarding the molecular mechanisms of crop–environment interactions, but research on their internal correlations, plant protection and agrobiotechnology methods tends to be limited in scope and only address the discovery of resistance genes. We look forward to not only providing an explanation of the functional properties of the molecular interactions between crops and their environment, but also addressing the utilization of crop resources and its effects on the environment. The aim of this Special Issue is to expand our understanding of molecular advances in crop protection and agrobiotechnology in the utilization of crop resources, which will facilitate plant cultivation, breeding, and utilization to enhance the yield and quality of crops in modern agriculture.

Guest Editors

Dr. Kun Zhang

Department of Plant Protection, College of Horticulture and Plant Protection, Yangzhou University, Yangzhou, China

Dr. Kai Xu

Jiangsu Key Laboratory for Microbes and Functional Genomics, Jiangsu Engineering and Technology Research Center for Microbiology, College of Life Sciences, Nanjing Normal University, Nanjing 210023, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

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