

Special Issue

Recent Progress in Molecular Investigations of Crop Plants and Crop Plant–Environment Interactions from Genetic and Genomic Perspectives: Applications and Challenges

Message from the Guest Editors

With the increasing demand for food and energy supply worldwide, it is becoming extremely important to investigate effective and efficient methodologies for cultivating soil, growing crop plants, and raising livestock with a changing planetary landscape. Facilitated by next-generation DNA sequencing technology, our understanding of the interactions between crop plants, the soil, and the soil's inhabitants has been dramatically improved from a wide range of perspectives. We invite you to contribute to this Special Issue covering topics including, but not limited to: (1) application of genetics and genomics in crop plants or other model plant systems; (2) developmental and evolutionary studies of major crops; (3) crop-supporting microbial structures and bioremediation of the environment; (4) molecular investigations of applications of agricultural products in various plant systems; (5) traditional and modern research areas, including physiology, development, ecology, and bioinformatics.

Guest Editors

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