

Special Issue

Recent Advances in Plant Molecular Biology

Message from the Guest Editor

This Special Issue invites articles that cover recent advances in plant molecular biology, including but not limited to original research using new methodologies and technologies for understanding molecular and cellular mechanisms of plant growth and development, response to environmental stresses, and host–microbe interactions. In recent years, rapid advances in the engineering of advanced microscopy, sequencing technologies, and analysis of molecular masses and structures expand our understanding of plant molecular biology significantly from the subcellular to the inter-organism level. For example, advances to read longer DNA sequences allowed us to define the highly duplicated genomic distribution in crop species. This Special Issue aims to introduce the technical applications for improving current knowledge in plant molecular biological fields and enlarging the other plant biological fields' perspective to apply the experimental techniques to their research.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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