



Selected Papers from International Conference on Plant Systems Biology and Biotechnology 2020

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31 January 2021

Message from the Guest Editors

Dear Colleagues,

Due to their inherent complexity, analyzing only certain aspects of organisms is often insufficient for elucidating status, functions, and behavior. Modern technologies provide the opportunity to use holistic omics approaches to study living objects at the system level.

Plant systems biology has revolutionized our view on how plants grow, develop, and respond to the environment. Nowadays, the use of high-throughput genomics, transcriptomics, proteomics, and metabolomics technologies combined with bioinformatics analysis and mathematical modeling allows us to take an in-depth look into the most intimate molecular mechanisms that govern a plant's life. Plant systems biology together with plant biotechnology now give us endless opportunities to not only study the biological processes in a complex manner but also improve our utilization of plants as important sources of food and valuable metabolites.

This Special Issue will publish selected papers from scientists who attended the International Conference on Plant Systems Biology and Biotechnology 2020 (ICPSBB 2020). We encourage the submission of experimental articles, but review articles are also possible. Contributions will be initially screened by the Editors for suitability/quality and then sent for peer review.

The deadline for submissions to the ICPSBB 2020 Special Issue is 31 January 2021.





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