

Special Issue

Omics Approach to Uncovering Signalling and Gene Regulation in Plants

Message from the Guest Editors

Plant signalling and gene regulation are fundamental to understanding how plants adapt to environmental stresses, optimize growth, and achieve developmental plasticity. The advent of multi-omics technologies has revolutionized our ability to dissect these processes at unprecedented resolution. This Special Issue aims to showcase cutting-edge research leveraging integrated omics approaches (genomics, transcriptomics, proteomics, metabolomics, epigenomics, and spatial omics) to unravel the complexity of plant signalling pathways and gene regulatory networks.

Guest Editors

Dr. Xiang Li

State Key Laboratory of Environmental and Biological Analysis, Hong Kong Baptist University, Hong Kong, China

Dr. Jingchun Shi

State Key Laboratory of Environmental and Biological Analysis, Department of Chemistry, Hong Kong Baptist University, Hong Kong 999077, China

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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