

## Special Issue

# Plant Metabolome and Molecular Mechanisms of Synthesis

### Message from the Guest Editor

Metabolomics is one of the youngest postgenomic sciences and is a rapidly developing field of knowledge. This Special Issue is intended to reveal the theme of the plant metabolome as a link between the genotype, phenotype and environmental factors. Here, we consider the latest advances in metabolomics and their applications to understanding the biology of plant adaptations to stress factors and determining the mechanisms of bacterial and fungal symbiosis with plants. Works devoted to the identification of metabolites in newly discovered and described species of plant organisms are welcome. We discuss future directions and challenges associated with using metabolomics-oriented approaches to understand the metabolic diversity of plants.

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### Guest Editor

Dr. Artem Yu Manyakhin

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### Deadline for manuscript submissions

closed (31 December 2023)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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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### Editor-in-Chief

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