## Special Issue

# Plant Growth Regulators for Stress Management in Plants

## Message from the Guest Editors

Natural plant hormones and related synthetic plant growth regulators (PGRs) are promising tools that, through agonizing or antagonizing stress-related pathways, can fine-tune plants' protective responses against various abiotic or biotic stressors. For this Special Issue, we invite submissions of articles that focus on the potential use of PGRs in stress management strategies to improve plant survival under adverse environmental conditions, as well as practical applications for their use in agriculture and biotechnology. Some of the main aspects of this Special Issue may include, but are not limited to, the following:

- Design and biosynthesis of new PGRs that contribute to plant adaptation in limiting conditions;
- Molecular interactions, metabolomic studies and plant hormone crosstalk mechanisms;
- Priming with PGR-based agents for abiotic or biotic stress protection;
- Physiological aspects of using PGRs (plant growth and development, photosynthesis or transport processes, etc.);
- Environmental factors that affect plant growth and possible regulatory strategies using PGRs.

## **Guest Editors**

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## Deadline for manuscript submissions

closed (10 April 2024)



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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in Biomolecules so far. We would be delighted to welcome you as one of our authors.

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