

Special Issue

Recent Advances and Applications of Biostimulants for Plant Growth Promotion and Environmental Stress Adaptation

Message from the Guest Editor

Plant biostimulants are receiving significantly scientific interest worldwide due to their key role in improving plant growth and crop yield through regulating the antioxidants and secondary metabolism. Biostimulants include beneficial substances (protein hydrolysates, fulvic acids, humic substances, phytohormones and natural extracts) as well as beneficial microorganisms (plant-growth-promoting bacteria and arbuscular mycorrhizal fungi). However, the mechanisms underlying plant–biostimulant interactions under environmental conditions remain unclear. This Special Issue, therefore, welcomes original research articles, reviews, communications, perspectives and opinions dissecting the functional mechanisms of plant biostimulants under optimal growth or adverse environmental conditions (e.g., drought, salinity, cold stress, heat stress, waterlogging, suboptimal pH values, nutrient deficiency, heavy metals, and microbial diseases).

Guest Editor

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Deadline for manuscript submissions

closed (15 September 2021)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/42319

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Message from the Editorial Board

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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