

Special Issue

Light and Phytohormones in Plant Secondary Metabolism

Message from the Guest Editor

Plants are known to synthesize a great diversity of secondary metabolites that have plenty of biological activities, which makes them extremely important for human health and well-being.

Among environmental factors, light is the most important signal influencing plant development and regulating their primary and secondary metabolism through a complex perception of quantity, quality, direction and duration of light. Because the protective role of secondary metabolites in counteracting biotic and abiotic stresses is the leading one, phytohormones – salicylic acid, jasmonates, and ethylene which are indubitable participants in many scenarios of plant protection are usually involved in the regulation of the synthesis of secondary metabolites.

Thus, our special issue focused on the Topic: Light and Phytohormones in Plant Secondary Metabolism. Studies of the land plant as well as in vitro plant cell and tissue culture or green algae at the organism, cellular, molecular and omics level are welcome. Works on growing plants or during their postharvest handling are accepted equally.

Guest Editor

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