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Specialized Metabolites in Plants and Their Regulation Role in Plant Growth and Stress Responses

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Deadline for manuscript
submissions:

closed (31 March 2024)

Message from the Guest Editor

Dear Colleagues,

Plant specialized metabolites function in diverse ways within the ecological biochemistry of plants, particularly in regard to their interactions with their environment and other organisms. Tannins, for example, are often considered for their anti-herbivory role, but their role in soil microbiome dynamics is now actively being investigated. Stilbenes such as resveratrol possess antioxidant properties, but also show anti-fungal action in experimental trials. The structural diversity of plant specialized metabolites suggests evolutionary adaptation to many unique niches where a specialized ecological biochemical interaction has evolved. This Special Issue welcomes papers or reviews exploring the unique biochemistry of plant specialized metabolites, especially adaptations to unique biotic or abiotic natural scenarios.

Dr. John P. Moore

Guest Editor



mdpi.com/si/182209

Special Issue



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Message from the Editor-in-Chief

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