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Composition and Biological Activities of Plant Secondary Metabolites

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Message from the Guest Editor

Green plants are the most important biofactories on our planet. Starting from the conversion of large quantities of carbon dioxide into sugars, they produce different structural molecules or molecules destined for the accumulation of carbon, also well known for their industrial applications (starch, inulin, cellulose, lignin). In addition to these, they also synthesize hundreds of thousands of molecules that play a fundamental role in adapting plants to the environmental stresses typical of each individual ecological niche. Also called secondary metabolites, these compounds play a fundamental role for the survival of plants on our planet. These molecules with marked biological activities have been used for thousands of years by humans thanks to the bioactive properties they often have. For these reasons, they represent one of the most important research fields in the world of plants.

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Message from the Editor-in-Chief

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We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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