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# **Alliums: Traditional Uses, Phytochemistry and Biological Activities**

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Deadline for manuscript submissions:

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# **Message from the Guest Editors**

Allium is an enormous genus that compromises economically important crops, including the bulb onion (Allium cepa), shallot (the A. cepa Aggregatum group), Japanese bunching onion (A. fistulosum), garlic (A. sativum), chive (A. schoenoprasum), Chinese chive (A. tuberosum), and leek (A. ampeloprasum). Allium is a rich source of diverse metabolites, such as amino acids, phenolics and fructooligosaccharides. The Allium metabolites not only affect economically important traits such as color, flavor and pungency, but also play an important role in plant physiology and in promoting human health. This Special Issue will highlight articles analyzing the role of metabolomics in the Allium crops. It will consider the translations and applications of metabolomics. association studies and integrative omics and the inherent bioinformatics and computing challenges will also be considered. Articles focusing on the potential of Allium metabolomics for Allium breeding, including comparative genotyping, natural products, medicinal properties, and plant-environment interactions, desired













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## **Message from the Editor-in-Chief**

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