

Special Issue

Toxicity of Plant Toxins in Medicinal Herbs: What's New?

Message from the Guest Editor

Herbal remedies are rapidly gaining popularity in health care, with many such remedies being used as pharmaceuticals around the world. This popularity is due to the belief that natural products are intrinsically safe. On the contrary, they can pose serious risks to human health. The toxic effects of herbal medicines have been attributed to several factors, including the presence of toxic herbal ingredients, drug–herb interactions, or the contamination of herbal preparations by heavy metals, microorganisms, mycotoxins, and pesticide residues. Moreover, the natural variability of raw herbal materials, the climate in which the plant is cultivated, and the harvest time, together with storage conditions and the manufacturing process, can influence the composition of herbal medicines and affect their biological and toxic effects in unpredictable ways. However, the study of the adverse reactions of herbal medicines is still in its infancy. Thus, the aim of this Special Issue is to deepen our understanding of the impact of medicinal herbs on human health. Contributions of original research or review articles are welcome.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

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