

Special Issue

Toxicity and Therapeutic Potential of Plant Alkaloid

Message from the Guest Editors

Plant-derived alkaloids are natural compounds that contain at least one nitrogen atom. Researchers have long studied the beneficial and toxic effects of plant alkaloids. These compounds have been found to possess anticancer, analgesic, cholinomimetic, antimalarial, antiasthmatic, antibacterial, vasodilatory, antiarrhythmic, and hypoglycemic properties, and exert other pharmacological effects. Some plant alkaloids, such as homoharringtonine, morphine and galantamine, have been developed into clinical drugs. However, some plant alkaloids, e.g., aconitine and tubocurarine, are toxic. The aim of this Special Issue of Toxins is to discuss the toxicity and therapeutic potential of plant alkaloids. Pharmacological research papers and review articles are all welcome.

Guest Editors

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Deadline for manuscript submissions

closed (25 August 2022)



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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.

Editor-in-Chief

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