

Special Issue

Plant-Based Bioactive Products for Pharmaceutical Applications

Message from the Guest Editors

Plant-based products derived from various plant parts (leaves, roots, etc.) that have biological activity offer a huge and relatively unexplored reservoir of new therapeutic agents with potential benefits for treating, preventing, or alleviating diseases with fewer side effects and sustainable supply. These products include a diverse array of chemical substances such as flavonoids, terpenoids, polyphenols, and alkaloids, which have been found to possess diverse biological activities through multiple mechanisms of action. The vast chemical diversity can lead to the discovery of novel bioactive compounds in the treatment and management of highly prevalent diseases such as cardiovascular and neurodegenerative disorders. This Special Issue aims to explore the potential of herbal bioactive products in the field of pharmaceuticals applied to human health. The focus of this Special Issue will be on the discovery, characterization, and application of bioactive compounds from plants, emphasizing their therapeutic potential, mechanisms of action, and advantages over currently available drugs.

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Editor-in-Chief

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