

Special Issue

Pharmacological Studies of Medicinal Potential Phytochemicals in Plant Roots

Message from the Guest Editor

The therapeutic potential of various parts of plants and their natural bioactive ingredients are more and more frequently used for medicinal purposes. Both plant extracts and individual plant substances are being investigated, as well as their new delivery systems. There is a constant search for new plant medicines; moreover, new phytotherapeutic properties of already known plants are being discovered. However, the effects of plant preparations and a large number of new natural substances on the human body have not been fully investigated. Elucidation of molecular mechanisms of action of natural compounds isolated from plant roots, supported by in vivo study, may be effective in the prevention and treatment of many diseases. The objective of this Special Issue is to summarize and disseminate the most recent advances in the research concerning phytochemical analysis of plant roots, with special attention on bioactive compounds with health-promoting and therapeutic properties. Based on the current literature, we also try to summarize and determine future strategies for the development of novel, effective and safe therapies.

Guest Editor

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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