

Special Issue

Biomedical Application of Plant Extracts

Message from the Guest Editors

Extensive research is being conducted to identify new biologically active agents and to elucidate their pharmacological activities. Moreover, a new area of interest is developing very fast—the application of medicinal plant extracts to produce nanoparticles, very promising structures demonstrating antibacterial and anticancer properties. We are interested in articles that explore the potential of plant resources for the delivery of plant-derived extracts for biomedical applications. Potential topics include but are not limited to the following:

- The isolation of new bioactive compounds from plants;
- The application of green synthesis approaches to obtain potent pharmacologically active agents;
- The application of biotechnological approaches to obtain potent pharmacologically active agents;
- Biomedical application of plant-derived compounds and extracts.

Keywords: Plant bioactive compound, Biotechnology for bioactive compounds production, Green synthesis, Adaptogens, Antibacterial activity, Anticancer activity, Anti-inflammatory activity

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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