

Special Issue

Biological Efficacy of Plant Extracts: Latest Advances and Prospects

Message from the Guest Editors

We welcome you to contribute to a Special Issue of *Applied Sciences* entitled “Biological Efficacy of Plant Extracts: Latest Advances and Prospects”. Plants containing abundant natural nutrients and bioactive phytochemicals serve as the main raw materials for effective nutraceuticals and pharmaceuticals. Thus, the importance of plant extracts cannot be overemphasized. One of the most famous and successful examples is phlorizin, a potent inhibitor of human sodium-glucose cotransporter (SGLT). It was originally isolated from the bark of apple trees. SGLT-2 inhibitors have been developed as a class of prescription medicines that are FDA-approved treatment for adults with type 2 diabetes. In light of this, natural products from plant extracts have the potential to become a new generation of bio-products suitable for use in medical applications. Myriad plant extracts have been well studied to date, but many others have not. To improve human health, there is also an urgent need to develop more novel and effective regimens.

Guest Editors

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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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