Special Issue

New Advances in Antioxidant Properties of Bee Products

Message from the Guest Editors

This Special Issue entitled “New Advances in Antioxidant of Bee Products” is an extension of our Special Issue “Quality Control of Bee Products: Functional and Chemical Properties” focused on the main modern laboratory methods applicable to the characterization of the antioxidant potential of melliferous plants and bee products. Topics include, but are not limited to, recent advances in improving the extraction methods of antioxidants from plants and bee products, ensuring higher purity and efficacy. Techniques, such as ultrasound-assisted extraction, microwave-assisted extraction, and supercritical fluid extraction, show promise in increasing the yield of antioxidant compounds from bee products. Advanced analytical techniques like High-Performance Liquid Chromatography (HPLC) and Mass Spectrometry (MS) can be employed to identify phenolic acids, flavonoids, and other bioactive compounds with antioxidant properties. In other words, the health benefits from plants and bee products need to be evaluated, and this will pave the way for the development of new therapeutic applications.

Guest Editors

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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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