

Special Issue

Characterization of Bioactive Compounds and Antioxidants in Natural Products, 2nd Edition

Message from the Guest Editors

In recent years, there has been a growing interest in the bioactive substances naturally occurring in plant materials. These compounds have beneficial effects on metabolic processes and human health. They protect the body against the harmful effects of free radicals, having strong antioxidant, antibacterial, anti-inflammatory and even anti-cancer effect. Along the wide spectrum of their effects, we should also mention their ability to lower cholesterol levels, regulate blood sugar levels, improve the functioning of the immune system and reduce the risk of developing neurodegenerative diseases, such as Alzheimer's disease. A large number of species, as well as the diversity of plant organs, pose new challenges related to the selection of methods for obtaining, processing and analyzing bioactive compounds from plant raw materials. The purpose of the Special Issue is to publish original scientific articles and review articles devoted to the characteristics of bioactive compounds and antioxidants derived from plant materials. We also welcome articles related to the methods of obtaining bioactive substances and to modern methods of identifying these compounds.

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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