

Special Issue

Phytochemicals - Occurrence, Metabolism and Biological Importance

Message from the Guest Editors

This Special Issue will cover the following topics: (i) the localization of active compounds in exo- and endogenous secretory structures, (ii) biologically active substances in herbal raw materials, and (iii) the role of phytochemicals in the metabolic processes of the organism and their biological activity. The localization of secretory structures accumulating biocompounds is useful for the identification of herbal raw material. Some bioactive compounds isolated from plants give rise to natural or synthetic drugs. They have been given the name of natural pharmaceuticals. They often serve as a basic safe natural ingredient in pharmaceutical and cosmetic formulations. Single-component or composite preparations selected suitably to treat a specific health problem have a health-enhancing effect on humans and animals. They are used in the prophylaxis and phytotherapy of various diseases, such as inflammatory and infectious diseases. In the presence of various threats linked to civilization, phytocompounds are investigated in many biochemical, clinical, and epidemiological studies. They are increasingly being implemented in many clinical strategies as part of effective therapies.

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