Special Issue

Advances in Anti-inflammatory Plants

Message from the Guest Editors

Inflammation plays a pathological role in diseases, such as arthritis, diabetes, cancer, neurodegenerative, cardiovascular and bowel diseases. Plants and their derivatives have more diverse and complex bioactivity than synthetic compounds. Plants are a mixture of constituents that simultaneously target the binding sites of different tissues and compartments. Studies have discovered strategies to synergize multi-target effects of plants with conventional drugs and provide advantages for pharmaceutical purposes. Recent omics and the network pharmacology approach have helped to expand the understanding of plants and their systemic effects. This Special Issue will focus on multi-target and/or synergistic mechanism of plants as inflammatory inhibitors. Integrated computational studies of plants are limited to papers that confirm with in vitro or in vivo data. Papers that cover traditional processing (Paozhi) to modern microbial biotransformation of plants tested in inflammatory models are also welcome.

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.

Editor-in-Chief

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