



Medicinal Plants and Natural Compounds for Modulation of Neuroendocrine-Immune System and Potential Use in Ageing-Related Disorders

Guest Editor:

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Message from the Guest Editor

The COVID-19 pandemic has raised new challenges in Biomedical Science, particularly in the development of effective therapies for prevention and treatment of stress-induced and acute viral diseases, which is most severe in elderly people suffering from ageing-associated disorders, such as hypertension, diabetes, and neurodegenerative and other degenerative diseases.

Prevention and treatment of these diseases requires pharmaceutical corrections of many regulators of the neuroendocrine-immune system, presumably by multitarget effects of herbal preparations.

An obvious advantage of complex mixtures of natural compounds (or herbal extracts) targeting multiple elements of molecular networks involved in the inflammatory defence response makes herbal medicinal products more effective than monodrugs, targeting only one receptor.

This Special Issue will focus on the mechanism of action of Medicinal Plants, their extracts and isolated compounds. The journal *Pharmaceuticals* welcomes researchers to contribute both reviews and original articles shedding light on prevention, mitigation, and treatment of stress-induced and aging-associated disorders.





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