

Special Issue

Therapeutic Potential of Natural Products in Chronic Diseases

Message from the Guest Editors

Chronic diseases are long-lasting health conditions that require ongoing medical attention and continue to pose significant global health challenges. Despite advances in modern medicine, current therapeutic options often come with limitations such as adverse effects, high costs, and drug resistance. This Special Issue brings together a collection of cutting-edge research articles and comprehensive reviews that explore the efficacy, mechanisms of action, and clinical relevance of natural compounds derived from plants, fungi, marine organisms, and other sources. Emphasis is placed on bioactive constituents such as polyphenols, flavonoids, alkaloids, terpenoids, and peptides, which have shown promise in modulating key pathological pathways involved in chronic disease progression, including oxidative stress, inflammation, apoptosis, and metabolic dysregulation. We aim to provide an interdisciplinary platform that bridges natural product research with clinical applications, highlighting both traditional knowledge and modern scientific advances. Contributions in this Special Issue span *in vitro*, *in vivo*, and clinical studies, offering a holistic view of the therapeutic landscape.

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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