

Special Issue

Prevention and Treatment of Metabolic Diseases Using Natural Products

Message from the Guest Editor

Metabolic diseases refer to those caused by abnormal metabolic processes, and they mainly occurs in obese patients or people who are older, lead a sedentary lifestyle, and have insulin resistance. In all cases, disorders of metabolic regulation cause impairment of normal cell function and worsen the disease. Metabolic disorders caused by obesity and aging cause damage at the cellular level. Damage to metabolic tissues such as adipose tissue and muscle tissue caused by metabolic disorders leads to impaired energy storage and consumption, gradually worsening the disease and causing secondary complications such as diabetes. As a treatment strategy for metabolic diseases, the expression, activity, and binding of specific proteins can be regulated through treatment with natural products at the molecular level. Additionally, the properties of natural products can be utilized. This Special Issue will focus on modulating molecular mechanisms using natural products as a strategy for preventing and treating metabolic diseases. We cordially invite you to contribute to this field of knowledge by submitting your latest findings, reviews, or research papers.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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