

## Special Issue

# Lifestyle Interventions in MASLD: Molecular and Clinical Perspectives

### Message from the Guest Editor

This Special Issue aims to explore the diverse role of natural bioactives in combating MASLD from a nutritional standpoint. We will highlight cutting-edge research that examines the biochemical pathways activated by these compounds. Furthermore, we will discuss the implications of various bioactive compounds in dietary practices and their potential to alleviate the effects of metabolic syndromes related to liver disease. The issue will also delve into the pathophysiology of MASLD, the connection between dietary habits and genetic factors, such as the PNPLA3 polymorphism, and the gut microbiome's influence on nutritional components. This Special Issue will address vital existing gaps in the research concerning the role of natural bioactives in managing and preventing MASLD. By compiling high-quality research articles, reviews, and perspectives, we aim to create a comprehensive resource that informs practitioners and researchers while contributing to developing healthier dietary strategies for affected populations. We invite esteemed contributors to share their insights and help expand our understanding of this critical intersection between nutrition and liver health.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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### Editor-in-Chief

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