

Special Issue

Molecular Link between Steatosis and Obesity

Message from the Guest Editor

The obesity epidemic is highly connected to the rising prevalence of non-alcoholic fatty liver (steatosis). It is less than a few decades, we have witnessed a severe increase in the incidence of fatty liver derived from obesity in childhood. A “multiple-hit” pathogenic model has been suggested to explain progressive obesity-related steatosis. A vast range of anti-obesity drugs and natural resources are being investigated at the moment, including targeting insulin resistance, proinflammatory pathway, dyslipidemia, gut microbiota, gut–liver axis dysfunction, and metabolites. In addition, obesity suppression studies on “circadian rhythms control” have recently been conducted. However, no convincing consensus has emerged linking obesity with the pathogenesis of steatosis. Steatosis often develops into steatohepatitis, cirrhosis, and hepatocellular carcinoma, and therefore, it should be very carefully managed to prevent serious non-alcoholic liver diseases. This Special Issue aims to shared new insights into the prevention and treatment of obesity-induced steatosis; studies on molecular-linked genes, proteins, metabolites, and microbiota are invited.

Guest Editor

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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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