

Special Issue

Liver, Oxidative Stress and Metabolic Syndromes

Message from the Guest Editor

This Special Issue “Liver, Oxidative Stress and Metabolic Syndromes” shed light on different physiological hepatic functions, its several pathologies, and mechanisms. Moreover, it focused on several therapeutic treatments considering different approaches, such as antioxidant, probiotic, prebiotics or a combination of both (symbiotics) substances. The liver is a vital organ with numerous metabolic functions. It is often subjected to the injury related to overnutrition, obesity and metabolic syndrome. Lipid accumulation in hepatocytes has become one of the most frequent causes of liver abnormalities in Western countries. This pathology can cause histological abnormalities ranging from simple steatosis up to chronic inflammation, eventually, cirrhosis and hepatocellular carcinoma. It is known that many of these disorders are associated with hepatic changes in the enzymatic and non-enzymatic oxidative capacities. Thus, the oxidative stress is one of the most important etiology of different liver disorders. I encourage you to submit manuscripts that fit with the objectives and topics of this Special Issue.

Guest Editor

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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