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Liver, Oxidative Stress and Metabolic Syndromes

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Deadline for manuscript
submissions:

closed (31 March 2019)

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.



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Special Issue



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