



Oxidative Stress as a Crucial Factor in Liver Diseases: From Basic Research to Clinical Trials

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Message from the Guest Editor

Liver diseases include non-alcoholic and alcoholic liver diseases, steatohepatitis, infectious hepatic diseases, metabolic and genetic diseases, drug or toxin liver failure, ischemia-reperfusion hepatic injury, autoimmune hepatitis, sepsis-related liver injury, liver fibrosis and cirrhosis, hepatocellular carcinoma, and others. The role of oxidative stress in liver dysfunction has been discussed for decades; a quick visit to the PubMed repository can offer an idea of the number of studies involving the combination of the terms “liver disease” and “oxidative stress”. There is no doubt that laboratory, animal, and interventional studies with humans have been and continue to be indispensable and are therefore very welcome in this issue. Furthermore, the enormous amount of information already available in biological datasets makes it possible to integrate the different -omics sciences with relevant particularities of liver diseases and their outcomes; thus, in silico approaches employing bioinformatics tools will also be well received. I invite you to share, from bench to bed, your relevant results as well as your updated information in this Special Issue.





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Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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