



Liver, Oxidative Stress and Metabolic Syndromes

Guest Editor:

Prof. Dr. Rita Rezzani

Anatomy and Physiopathology
Division, Department of Clinical
and Experimental Sciences,
University of Brescia, 25123
Brescia, Italy

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.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Food Science)

Contact Us

Nutrients Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI