

Special Issue

Diet, Oxidative Stress and Liver Metabolism

Message from the Guest Editors

Nutrition plays a crucial role in the prevention of chronic diseases, as most of them can be related to lifestyle factors. In particular, foods can affect cellular oxidative stress. Oxidative stress is caused by an imbalance between the amount of reactive oxygen species and the body's antioxidant capacity. In this oxidant/antioxidant balance, the diet plays a crucial role. Indeed, dietary nutrients can influence individuals' total antioxidant capacity, modulating the degree of oxidative stress and affecting the incidence of diseases related to oxidation. Food components can impair the balance between anti- and pro-oxidant agents, causing the alteration of liver function. The goal of this Special Issue is to assemble a collection of original research and review articles describing the role of foods as a link between cellular oxidative stress and liver metabolism. Manuscripts that investigate regulatory mechanisms and pathologies related to oxidative stress and hepatic metabolism, focused on the critical role of the foods or nutritional interventions, will be considered.

Guest Editors

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Dr. Maria Pina Mollica

Dr. Fabiano Cimmino

Deadline for manuscript submissions

closed (25 May 2024)



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About the Journal

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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