

Special Issue

Role of Natural Products from Dietary Intake in Oxidative Stress Diseases

Message from the Guest Editor

Antioxidant systems are a combination of molecules, complexes and biochemical processes that have the purpose of protecting the cells of our body from oxidative insults that can be generated, such as superoxide anions, chloride radicals or hydroxyl radicals. Such molecules can promote the development or accentuation of various diseases, such as aging, heart disease, cancer or some neurodegenerative diseases. In fact, research shows that we can absorb substances with high antioxidant power from our current food intake, which has a great biological impact on our body. Such molecules, once absorbed in the circulation, can directly or indirectly change the balance between antioxidant and prooxidant systems. We invite you to submit your latest original research or review to this Special Issue, in which you highlight the potential role of diet and natural compounds that are absorbed through the diet in fighting against diseases in which one of the triggers is oxidative stress. It is advisable that original work be carried out using in vitro and in vivo experimental models, specifying the molecular and biochemical pathways that are involved in the regulation of antioxidant systems.

Guest Editor

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