Special Issue

Antioxidant Status in Tumor Progression

Message from the Guest Editor

Reactive oxygen species play a dual role in the development of cancer. Low concentrations of ROS are essential for many intracellular metabolic processes, while excessive ROS generation disrupts the mechanisms of cancer suppression. In effect, the early stages of carcinogenesis are characterized by an increase in oxidative stress due to a reduced antioxidant defense system, which leads to an increase in the ROS/antioxidant ratio. This imbalance causes oxidative stress resulting in cancer progression. This Special Issue aims to collect papers relating to the markers of oxidative stress, the molecular mechanisms responsible for the changes in antioxidant status in tumor initiation and progression, and natural and synthetic products in redox modulation to prevent or develop cancer therapies.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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