

Special Issue

Free Radical Oxidation and Natural Antioxidants: Molecular Aspect Action

Message from the Guest Editor

Reactive oxygen species (ROS) play an important role in normal physiological processes (e.g., cellular immunity, etc.). The intensification of ROS generation initiates mechanisms of oxidative damage to cell structures, being one of the main molecular mechanisms of various pathological conditions (such as atherosclerosis, diabetes mellitus, etc.). Natural low-molecular-weight antioxidants and antioxidant enzymes protect the body from the uncontrolled development of free radical processes. This Special Issue aims to include papers on the topic of molecular mechanisms of the normal regulation of free radical processes and their disruption during the development of pathological conditions.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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