

Special Issue

Oxidative Stress and Environmental Toxicology

Message from the Guest Editor

Humans are exposed to air pollutants such as fine particulate matter (PM_{2.5}), toxic metals such as cadmium and arsenic, and pesticides in the environment, and in many cases, these induce health problems. In addition, these toxic substances induce the excessive production of reactive oxygen species (ROS) through their own properties as radicals or by acting on our human tissues and cells. For example, it has been confirmed in cellular and animal experiments as well as clinical studies that air pollutants such as PM_{2.5} induce excessive ROS production, which in turn induces lung injury and cardiovascular damage. Therefore, discovering the detailed mechanisms of oxidative stress induced by toxic substances and how to prevent it is a critical issue for maintaining our health. As , I invite you to contribute to the Special Issue on “Oxidative Stress and Environmental Toxicology”. Original articles and reviews will be published online in *Antioxidants*.

Guest Editor

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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.

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