

Special Issue

Lipid Peroxidation in Neurodegeneration

Message from the Guest Editor

Neurodegenerative diseases have great social and economic impacts on society as they are the cause of millions of deaths every year. The potential molecular mechanisms that generate these pathologies have been widely studied and have shown that lipid peroxidation plays an important role in neurodegeneration. More specifically, the mechanisms that could relate lipid peroxidation with neurodegeneration are ferroptosis and mitochondrial dysfunction. In addition, lipid peroxidation compounds in minimally invasive samples could be good indicators of the effectiveness of different treatments and could serve as diagnostic and/or prognostic biomarkers. In this sense, lipid peroxidation requires evaluation in different neurodegenerative conditions, as well as from different points of view.

Guest Editor

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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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